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منظمة الطيران  
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航空组织

LT 13/3.11/SA544

1<sup>st</sup> August 2006

To: Mr. Jean-Marc Sansovini, Directeur Regional de l'Aviation Civile aux Antilles et en Guyane  
cc: Mrs. Isabelle Monnier, Chef du Service de la Navigation Aérienne Antilles-Guyane  
Mr. Zulficar Mohamed, Director General a.i., Guyana Civil Aviation Authority  
Ms. Marlene M.L.M. Harris, Permanent Secretary, Ministry of Transport, Communications and Tourism, Suriname  
Mr. John Veira, Director, Civil Aviation

cc: Mr. Dominique Dago, Chef du Service Meteorologique de Guyane  
cc: Mr. Dilip Jaigopaul, Chief Hydrometeorological Service  
cc: Mr. Cornelis R. Becker, Director, Meteorological Service

Subject: **List of ATS/MET Reporting Points in the CAR/SAM Regions**

Sir,

I have the honour to address you this letter in order to send enclosed herewith the List of ATS/MET Reporting Points in the CAR/SAM Regions, which includes updated information in respect of Brazil.

Accept, Sir, the assurances of my highest consideration.

*Original signed by*

José Miguel Ceppi  
Regional Director  
South American Office}  
Lima

Adj.

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INTERNATIONAL CIVIL AVIATION  
ORGANIZATION  
ORGANIZACIÓN DE AVIACION CIVIL  
INTERNACIONAL

**LIST OF ATS/MET REPORTING POINTS  
IN THE CAR/SAM REGIONS**

**LISTA DE PUNTOS DE NOTIFICACIÓN ATS/MET  
EN LAS REGIONES CAR/SAM**

Fifth Edition - Quinta Edición  
January - Enero  
2002

SOUTH AMERICAN REGIONAL OFFICE  
OFICINA REGIONAL SUDAMERICANA

INTERNATIONAL CIVIL AVIATION ORGANIZATION  
ORGANIZACIÓN DE AVIACIÓN CIVIL INTERNACIONAL

SOUTH AMERICAN REGIONAL OFFICE  
OFICINA REGIONAL SUDAMERICANA

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**FIFTH EDITION - QUINTA EDICIÓN  
JANUARY - ENERO  
2002**

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**NOTE**

THIS FIFTH EDITION OF THE LIST OF ATS/MET REPORTING POINTS IN THE CAR/SAM REGIONS SUPERSEDES THE PREVIOUS EDITIONS PUBLISHED FROM NOVEMBER 1988 TO JANUARY 2001.

**NOTA**

ESTA QUINTA EDICIÓN DE LA LISTA DE PUNTOS DE NOTIFICACIÓN ATS/MET EN LAS REGIONES CAR/SAM REMPLAZA LAS EDICIONES ANTERIORES PUBLICADAS DESDE NOVIEMBRE DE 1988 HASTA ENERO DE 2001.

LIST OF ATS/MET REPORTING POINTS IN THE CAR/SAM REGIONS  
LISTA DE PUNTOS DE NOTIFICACIÓN ATS/MET EN LAS  
REGIONES CAR/SAM

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## **FOREWORD**

1. The Limited Caribbean/South American (COM/MET) Regional Air Navigation Meeting (Montreal, November 1983) agreed (Recommendation 6/2) that the corresponding ICAO Regional Offices prepare and circulate a list of ATS/MET reporting points in the CAR/SAM Regions to all interested States and international organizations.
2. Under this criterion, the North American, Central American and Caribbean (NACC) and the South American (SAM) ICAO Regional Offices, undertook a study on the ATS/MET reporting points over continental areas, in consultation with States and international organizations affected, with a view to identify and rationalize the referred points in accordance with the standards in ICAO Annex 3. As a consequence of this study and various consultation, a First Edition of the list was prepared (November, 1988) with the inclusion of the ATS/MET reporting points in the duly updated oceanic areas of the CAR/SAM Regions, approved by the aforementioned Limited RAN Meeting.
3. Likewise, the Second Caribbean/South American (CAR/SAM/2) Regional Air Navigation Meeting (May 1989) adopted a Conclusion (Conc 8/6) requesting that the corresponding ICAO Regional Offices review the list of ATS/MET reporting points and distribute it to CAR/SAM States. A review of the list of ATS/MET reporting points was undertaken by the ICAO Regional Offices concerned and the Second Edition of the list of these points was issued and sent to States in 1990.
4. This new edition of the document, amplifies and updates the information contained in the Third and Fourth Edition prepared in accordance with Conclusion 7/11 of the Third Caribbean/South American Regional Air Navigation (CAR/SAM/3 RAN) Meeting (Buenos Aires, Argentina, October 1999).
5. The information presented in this document refers only to the airspace encompassed in the flight information regions (FIRs) established in the CAR/SAM Regions. Since it is included for reference purposes, the data shown in the present list of ATS/MET reporting points should not be used for operational purposes.

## **PREÁMBULO**

1. La Reunión Limitada de Navegación Aérea Caribe/Sudamérica (COM/MET) (Montreal, noviembre de 1983) acordó (Recomendación 6/2) que las oficinas regionales de la OACI correspondientes prepararan e hicieran llegar a todos los Estados y organismos internacionales concernientes, una lista de puntos de notificación ATS/MET.
2. Bajo este criterio, las oficinas regionales de Norteamérica, Centroamérica y Caribe (NACC) y de Sudamérica (SAM) efectuaron un estudio de los puntos de notificación ATS/MET sobre zonas continentales en consulta con los Estados y los organismos internacionales concernientes, con miras a identificar y racionalizar los referidos puntos en conformidad con las normas del Anexo 3 de la OACI. Como resultado de ese estudio y de las consultas, se preparó la primera edición de la lista (noviembre 1988), que incluye los puntos de notificación ATS/MET en las zonas oceánicas de las regiones CAR/SAM, aprobadas por la Reunión Regional Limitada arriba mencionada.
3. Asimismo, la Segunda Reunión Regional de Navegación Aérea Caribe/Sudamérica (RAN CAR/SAM/2) (mayo de 1989) adoptó una conclusión (Conc. 8/6) solicitando a las oficinas regionales de la OACI correspondientes revisar y distribuir a los Estados de las Regiones CAR/SAM la lista de puntos de notificación ATS/MET. Las oficinas regionales llevaron a cabo la revisión de la lista y prepararon la segunda edición del documento, el cual se envió a los Estados en 1990.
4. Esta nueva edición del documento amplía y actualiza la información contenida en la tercera y cuarta edición preparadas en conformidad con lo acordado (Conclusión 7/11) en la Tercera Reunión Regional de Navegación Aérea Caribe/Sudamérica (RAN CAR/SAM/3) (Buenos Aires, Argentina, octubre 1999).
5. La información que se presenta en este documento se refiere únicamente al espacio aéreo comprendido en las regiones de información de vuelo (FIR) de las Regiones CAR/SAM. Dado que la información se incluye para fines de referencia, los datos que aparecen en la presente lista de puntos de notificación ATS/MET no deben ser utilizados para fines operacionales.

## 1. GENERAL

### 1.1 Explanatory notes

1.1.1 The present list of ATS/MET reporting points has been prepared in compliance with the statements in paragraph 7.18.2 of the Report of the CAR/SAM/3 RAN Meeting, Doc 9749, and with Conclusion 7/11 of this Meeting.

1.1.2 The list has been elaborated based on the air routes forming part of the regional air networks of ATS routes which have already been implemented in the FIR/UIRs of the CAR/SAM Regions. Moreover, the document was prepared in consultation with the interested States and international organizations, and taking into account the data available in the ICAO NACC/SAM Regional Offices as of 31 December 2001.

The basic procedure used for the selection of ATS/MET reporting points among the ATS points has been derived from the application of the fundamental criteria given in Section 5.4 of Annex 3.

### 1.2 Contents

In the present Edition it is shown:

- a) the ATS/MET reporting points in the continental and oceanic areas of the CAR/SAM Regions listed in alphabetical order to the ATS route designators, following the guidelines already presented in the two previous editions of the document; and
- b) the ATS/MET reporting points in the continental and oceanic areas of the CAR/SAM Regions listed in alphabetical order of the five-letter name-code or plain language designators, with the object that the meteorological offices can easily identify the location of points which have been notified in the AIREP or part of an AIREP.

### 1.3 Amendments and corrections

1.3.1 With the aim of keeping the List of ATS/MET Reporting Points in the CAR/SAM Regions duly updated, based on comments received from States and operators, any amendment, correction and omission to the present list may be communicated to ICAO Regional Office concerned.

## **1. GENERAL**

### **1.1 Notas Explicativas**

1.1.1 La presente lista de puntos de notificación ATS/MET ha sido preparada en cumplimiento de las disposiciones contenidas en el párrafo 7.18.2 del Informe de la Reunión RAN CAR/SAM/3, Doc 9749 y en la Conclusión 7/11 de la misma Reunión.

1.1.2 La lista ha sido elaborada con base en las rutas aéreas que forman parte de las redes regionales de rutas ATS ya establecidas, en las FIR/UIR de las Regiones CAR y SAM. Asimismo, el documento ha sido preparado en consulta con los Estados y organismos internacionales interesados, y teniendo en cuenta los datos disponibles en las Oficinas Regionales NACC y SAM de la OACI, al 31 de diciembre de 2001.

1.1.3 El procedimiento básico utilizado para la selección de los puntos de notificación ATS/MET entre los puntos ATS disponibles, ha sido derivado de la aplicación práctica de los criterios fundamentales expresados en la Sección 5.4 del Anexo 3.

### **1.2 Contenido**

En la presente Edición se indican:

- a) los puntos de notificación ATS/MET en las zonas continentales y oceánicas de las Regiones CAR y SAM listados por orden alfabético de los designadores de rutas ATS, según han sido ya presentados en la dos ediciones anteriores del documento; y
- b) los puntos de notificación ATS/MET en las zonas continentales y oceánicas de las Regiones CAR y SAM listados por orden alfabético de los nombres/clave de cinco letras o designadores en lenguaje claro, con el objeto de que las oficinas MET puedan identificar con facilidad los puntos donde han sido notificados los AIREP o parte de un AIREP.

### **1.3 Enmiendas y correcciones**

1.3.1 Con el fin de mantener actualizada la Lista de Puntos de Notificación ATS/MET en las Regiones CAR/SAM con base en los comentarios recibidos de los Estados y explotadores, las enmiendas, correcciones u omisiones a la presente lista deberán ser comunicadas a la Oficina Regional de la OACI correspondiente.

## **LIST OF ATS/MET REPORTING POINTS IN THE CAR/SAM REGIONS**

**PART A -   ATS/MET REPORTING POINTS FOR THE CAR/SAM  
REGIONS LISTED IN ALPHABETICAL ORDER OF THE  
ATS ROUTE DESIGNATORS**

**PART B -   ATS/MET REPORTING POINTS FOR THE CAR/SAM  
REGIONS LISTED IN ALPHABETICAL ORDER OF THE  
FIVE-LETTER NAME-CODE OR   PLAIN LANGUAGE  
DESIGNATOR**

## **LISTA DE PUNTOS DE NOTIFICACIÓN ATS/MET EN LAS REGIONES CAR/SAM**

**PARTE A -   PUNTOS DE NOTIFICACIÓN ATS/MET PARA LAS  
REGIONES CAR/SAM LISTADOS POR ORDEN  
ALFABÉTICO DE LOS DESIGNADORES DE RUTA ATS**

**PARTE B -   PUNTOS DE NOTIFICACIÓN ATS/MET PARA LAS  
REGIONES CAR/SAM LISTADOS EN ORDEN  
ALFABÉTICO DEL NOMBRE-CLAVE DE CINCO LETRAS  
O DESIGNADOR EN LENGUAJE CLARO**



## PART A

### ATS/MET REPORTING POINTS FOR THE CAR/SAM REGIONS LISTED IN ALPHABETICAL ORDER OF THE ATS ROUTE DESIGNATORS

#### *EXPLANATION OF THE CONTENTS*

#### *Column*

- |     |                                                                                                                                                                                                                                                                                       |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | ATS routes listed alphabetically according to the basic designator of the ATS routes, supplemented with the prefix U to indicate that the route or portion thereof corresponds to the upper air space.                                                                                |
| 2   | FIR/UIR traversed. Both FIR/UIR are shown when the ATS/MET reporting point is established at common FIR/UIRs boundaries.                                                                                                                                                              |
| 3   | ATS/MET reporting point: five-letter name-code or plain language designator.                                                                                                                                                                                                          |
| 4   | Coded abbreviation of reporting point designator.                                                                                                                                                                                                                                     |
| 5   | NAVAID associated with reporting point.<br><br><div style="margin-left: 40px;"> V – Indicates the site is marked by a VOR<br/> D – Indicates the existence of a DME associated with a VOR<br/> N – Indicates the site is marked by an NDB<br/> X – No radio aid marks the site </div> |
| 6/7 | Geographical coordinates of the reporting point, in whole degrees and minutes, rounded off to the nearest whole minute.                                                                                                                                                               |
| 8   | Distance in nautical miles along ATS route to next ATS/MET reporting point.                                                                                                                                                                                                           |
| 9   | Other ATS routes for which the same ATS/MET reporting point given in Column 3 have been assigned.                                                                                                                                                                                     |
| 10  | Remarks:<br><br>O/P - Oceanic ATS/MET reporting point.                                                                                                                                                                                                                                |

**PARTE A****PUNTOS DE NOTIFICACIÓN ATS/MET PARA LAS REGIONES CAR/SAM  
LISTADOS POR ORDEN ALFABÉTICO DE LOS DESIGNADORES DE RUTA ATS***EXPLICACIÓN DEL CONTENIDO**Columna*

- |     |                                                                                                                                                                                                                                                                                  |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | Rutas ATS listadas por orden alfabético de los designadores básicos de rutas ATS, suplementadas con el prefijo U cuando hay que indicar que la ruta, o parte de ella, corresponde al espacio aéreo superior.                                                                     |
| 2   | FIR/UIR cruzada. Cuando el punto de notificación ATS/MET se establece en el límite con otra FIR/UIR, se indican ambas FIR/UIR.                                                                                                                                                   |
| 3   | Punto de notificación ATS/MET: nombre-clave cinco letras o designador en lenguaje claro.                                                                                                                                                                                         |
| 4   | Designador en clave abreviada del punto de notificación.                                                                                                                                                                                                                         |
| 5   | NAVAID asociada con el punto de notificación.<br><br>V – Indica que el emplazamiento está marcado por un VOR<br>D – Indica la existencia de un DME asociado con el VOR<br>N – Indica que el emplazamiento está marcado por un NDB<br>X – Emplazamiento no marcado por radioayuda |
| 6/7 | Coordenadas geográficas del punto de notificación en grados enteros y minutos redondeados hasta el minuto más próximo.                                                                                                                                                           |
| 8   | Distancia en millas náuticas al próximo punto de la ruta concerniente.                                                                                                                                                                                                           |
| 9   | Otras rutas ATS para las cuales ha sido designado el mismo punto de notificación indicado en la Columna 3.                                                                                                                                                                       |
| 10  | Observaciones:<br><br>O/P - Punto de notificación ATS/MET oceánico.                                                                                                                                                                                                              |

| ATS Route<br>Ruta ATS | FIR/UIR               | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                       | Remarks/<br>Observaciones |
|-----------------------|-----------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|----------------------------------------------------------------------------|---------------------------|
|                       |                       | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                            |                           |
| 1                     | 2                     | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                          | 10                        |
| A300                  | Maiquetia             | HENRY                                                     | -    | X      | 1305N                   | 06439W     | -             | UA300                                                                      |                           |
| A301                  | Habana                | AVILA                                                     | UCA  | VDN    | 2200N                   | 07848W     | -             | UA301/G437/UG437/G430/UG430                                                |                           |
|                       | Barranquilla          | BARRANQUILLA                                              | BAQ  | VDN    | 1048N                   | 07452W     | -             | UA301                                                                      |                           |
|                       | Bogota                | BARRANCABERMEJA                                           | EJA  | VDN    | 0659N                   | 07348W     | -             | UG431                                                                      |                           |
|                       | Bogota                | VILLAVICENCIO                                             | VVC  | VDN    | 0404N                   | 07323W     | -             | UA317/UA323                                                                |                           |
|                       | Bogotá / Amazônica    | LETÍCIA                                                   | LET  | VDN    | 04 11.52S               | 069 56.33W | 131           | A566 UA301 UA565 UA566                                                     |                           |
|                       | Amazônica             | NEGRA                                                     | ---- | X      | 06 15.64S               | 069 12.03W | 229           | B552 UA301                                                                 |                           |
|                       | Amazônica             | BRANCO                                                    | RBC  | VDN    | 09 52.31S               | 067 53.72W | ----          | A430 A685 W10 UA301 UA321 UB554 UL309<br>UL417 UR550 UR558 UW10 UW17       |                           |
| A304                  | La Paz                | VIRUVIRU                                                  | VIR  | VDN    | 1737S                   | 06308W     | ----          | UA304/UA321                                                                |                           |
|                       | La Paz / Curitiba     | CORUMBÁ                                                   | CUB  | N      | 19 00.97S               | 057 39.87W | 190           | W5 UW62                                                                    |                           |
|                       | Curitiba              | CAMPO GRANDE                                              | CGR  | VDN    | 20 28.13S               | 054 40.23W | 176           | A430 W7 W29 W47 W58 UB554 UM544 UW19<br>UW28 UW29 UW50 UW52 UW60 UW62 UZ22 |                           |
|                       | Curitiba              | URUBUPUNGÁ                                                | URP  | VDN    | 20 46.59S               | 051 33.53W | 165           | W26 UB688 UB695                                                            |                           |
|                       | Curitiba              | BAURU                                                     | BRU  | N      | 22 18.84S               | 049 06.43W | ----          | W7 W13 W51 W58 UL655 UM654 UM782 UW6<br>UW45 UW48 UW53 UW62 UZ5 UZ21       |                           |
| A305                  | Santiago/Mendoza      | ALBAL                                                     | -    | X      | 3411S                   | 06949W     | -             | UA305                                                                      |                           |
|                       | Curitiba / Montevideo | UGELO                                                     | ---- | X      | 32 40.70S               | 053 08.83W | ----          | UA305                                                                      |                           |
| A307                  | Santiago/Mendoza      | NEBEG                                                     | -    | X      | 3348S                   | 06954W     | -             | UA307                                                                      |                           |

| ATS Route<br>Ruta ATS | FIR/UIR                 | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |             | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                     | Remarks/<br>Observaciones |
|-----------------------|-------------------------|-----------------------------------------------------------|------|--------|-------------------------|-------------|---------------|------------------------------------------------------------------------------------------|---------------------------|
|                       |                         | Name/Nombre                                               | Cod. |        | Lat.                    | Long.       |               |                                                                                          |                           |
| 1                     | 2                       | 3                                                         | 4    | 5      | 6                       | 7           | 8             | 9                                                                                        | 10                        |
| A309                  | Córdoba                 | CERES                                                     | ERE  | VD     | 2952S                   | 06152W      | 470           | UA303/UA558/UB686/UA307/UA417                                                            |                           |
|                       | Asunción/Curitiba       | FOZ DO IGUAZU                                             | FOZ  | VDN    | 2535S                   | 05430W      | -             | A431 R563 W13 UA307 UB554 UB688 UL324 UR563 UW8 UW48 UW66 UZ18                           |                           |
|                       | Curitiba                | PORTO ALEGRE                                              | PAG  | VDN    | 29 59.47S               | 051 09.81 W | 193           | A314 G449 G677 R563 W14 W14E UA308 UA309 UA314 UA432 UM540 UN857 UR563 UW6 UW19 UW24 UZ5 |                           |
|                       | Curitiba / Montevideo   | UGURA                                                     | ---- | X      | 32 36.29S               | 053 20.45W  | ----          | UA309                                                                                    |                           |
| A310                  | Curitiba                | BAGÉ                                                      | BGE  | VN     | 31 23.44S               | 054 06.59W  | ----          | A314 G680 UA314 UG680 UM788 UN741                                                        |                           |
| A314                  | Curitiba                | PORTO ALEGRE                                              | PAG  | VDN    | 29 59.47S               | 051 09.81W  | 174           | A309 G449 G677 R563 W14 W14E UA308 UA309 UA314 UA432 UM540 UN857 UR563 UW6 UW19 UW24 UZ5 |                           |
| A315                  | Curitiba                | BAGÉ                                                      | BGE  | VN     | 31 23.44S               | 054 06.59W  | ----          | A310 G680 UA314 UG680 UM788 UN741                                                        |                           |
|                       | Miami/Port au Prince    | JOSES                                                     | -    | X      | 2010N                   | 07312W      | 288           | UA315                                                                                    | O/P                       |
|                       | Santo Domingo/Curacao   | VESKA                                                     | -    | X      | 1600N                   | 07045W      | -             | UA315                                                                                    | O/P                       |
| A317                  | Central American        | SAN JOSE                                                  | SJO  | VD     | 1356N                   | 09051W      | 548           | UA317                                                                                    |                           |
|                       | Central American/Panama | BUFEO                                                     | -    | X      | 0949N                   | 08235W      | -             | UA317                                                                                    | O/P                       |
| A319                  | Curacao                 | LIDOL                                                     | -    | X      | 1504N                   | 07312W      | 239           | G442/UA319/UG442/UG444                                                                   | O/P                       |
|                       | Barranquilla            | NESMO                                                     | -    | X      | 1217N                   | 07604W      | 112           | UA319/G430/UG430                                                                         | O/P                       |
|                       | Barranquilla/Panama     | AGUJA                                                     | -    | X      | 1059N                   | 07725W      | -             | UA319/G445/UG445                                                                         | O/P                       |
| A321                  | Merida                  | ROBIN                                                     | -    | X      | 2224N                   | 08629W      | 148           | UA321/B646/UB646/R522/UR522/B881/UB881                                                   |                           |
|                       | Mexico/Central America  | DANUL                                                     | -    | X      | 2011N                   | 08519W      | 393           | UA321/R640/UR640                                                                         | O/P                       |

| ATS Route<br>Ruta ATS | FIR/UIR                 | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                       | Remarks/<br>Observaciones |
|-----------------------|-------------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|----------------------------------------------------------------------------|---------------------------|
|                       |                         | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                            |                           |
| 1                     | 2                       | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                          | 10                        |
| A428                  | Central American/Panama | PELRA                                                     | -    | X      | 1415N                   | 08227W     | 561           | UA321                                                                      | O/P                       |
|                       | Panama/Bogota           | BUSMO                                                     | -    | X      | 0643N                   | 07820W     | -             | UA321                                                                      | O/P                       |
|                       | Assunção / Curitiba     | GEMAS                                                     | ---- | X      | 24 20.70S               | 05418.80W  | 392           |                                                                            |                           |
|                       | Curitiba                | SOROCABA                                                  | SCB  | VD     | 23 30.42S               | 047 22.70W | ----          | W1 W51 UA310 UM415 UM782 UW45 UW49<br>UW50 UW58                            |                           |
| A430                  | Assunção / Curitiba     | PONTA PORÃ                                                | PTP  | N      | 22 33.01S               | 055 42.43W | 137           | W5                                                                         |                           |
|                       | Curitiba                | CAMPO GRANDE                                              | CGR  | VDN    | 20 28.13S               | 054 40.23W | 175           | A304 W7 W29 W47 W58 UB554 UM544 UW19<br>UW28 UW29 UW50 UW52 UW60 UW62 UZ22 |                           |
|                       | Curitiba / Brasília     | TOSAR                                                     | ---- | X      | 17 39.04S               | 055 31.47W | 124           | W47                                                                        |                           |
|                       | Brasília                | CUIABÁ                                                    | CIA  | VDN    | 15 39.36S               | 056 06.72W | 145           | B652 W5 W10 W47 UB554 UB652 UM782 UW10<br>UW28 UW45                        |                           |
| A431                  | Brasília / Amazônica    | UGINA                                                     | ---- | X      | 14 36.58S               | 058 22.42W | 289           | UB554                                                                      |                           |
|                       | Amazônica               | AMALO                                                     | ---- | X      | 12 28.03S               | 062 48.32W | 169           |                                                                            |                           |
|                       | Amazônica / La Paz      | SILIC                                                     | ---- | X      | 11 10.65S               | 065 22.03W | 169           | UB554                                                                      |                           |
|                       | Amazônica               | BRANCO                                                    | RBC  | VDN    | 09 52.31S               | 067 53.72W | ----          | A301 A685 W10 UA301 UA321 UB554 UL309<br>UL417 UR550 UR558 UW10 UW17       |                           |
|                       | Curitiba                | FOZ                                                       | FOZ  | VD     | 25 35.00S               | 054 30.21W | 289           | R563 W13 UA307 UB554 UB688 UL324 UR563<br>UW8 UW48 UW66 UZ18               |                           |
|                       | Curitiba                | GUEP                                                      | ---- | X      | 25 34.79S               | 051 45.56W | 140           |                                                                            |                           |
|                       | Curitiba                | CURITIBA                                                  | CRT  | VDN    | 25 31.92S               | 049 10.09W | ----          | G449 G678 W1 W26 W48 UA310 UM548 UW6<br>UW8 UW19 UW24 UW47 UW61            |                           |
|                       |                         |                                                           |      |        |                         |            |               |                                                                            |                           |
|                       |                         |                                                           |      |        |                         |            |               |                                                                            |                           |
|                       |                         |                                                           |      |        |                         |            |               |                                                                            |                           |

| ATS Route<br>Ruta ATS | FIR/UIR                 | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                        | Remarks/<br>Observaciones |
|-----------------------|-------------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|---------------------------------------------------------------------------------------------|---------------------------|
|                       |                         | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                             |                           |
| 1                     | 2                       | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                           | 10                        |
| A502                  | Central American/Panama | POXON                                                     | -    | X      | 0833N                   | 08250W     | -             | UA502                                                                                       |                           |
| A552                  | Central American/Panama | FALLA                                                     | -    | X      | 1326N                   | 08240W     | 259           | UA552                                                                                       | O/P                       |
|                       | Panama                  | TIMRO                                                     | -    | X      | 1148N                   | 07842W     | 407           | UA552/G434/UG434                                                                            | O/P                       |
|                       | Barranquilla/Maiquetia  | OSOKA                                                     | -    | X      | 1108N                   | 07224W     |               |                                                                                             |                           |
| A554                  | Miami                   | GRAND TURK                                                | GTK  | VDN    | 2126N                   | 07108W     | 423           | A555/UA554/UA555                                                                            | O/P                       |
|                       | Miami                   | LEARS                                                     | -    | X      | 2830N                   | 07127W     | -             | B646/UB646                                                                                  | O/P                       |
| A555                  | Miami                   | GRAND TURK                                                | GTK  | VDN    | 2126N                   | 07108W     | 1662          | A554/UA554/UA555                                                                            | O/P                       |
|                       | Rochambeau/Paramaribo   | MILUX                                                     | -    | X      | 0615N                   | 05400W     | -             |                                                                                             | O/P                       |
|                       | Rochambeau / Amazônica  | OIAPOQUE                                                  | OIA  | N      | 03 51.59N               | 051 47.87W | 122           | G443 UA555                                                                                  |                           |
|                       | Amazônica               | AMAPÁ                                                     | AMP  | N      | 02 04.13N               | 050 51.63W | 99            | G443 G449                                                                                   |                           |
|                       | Amazônica               | MADRE                                                     | ---- | X      | 00 42.64N               | 049 55.41W | 152           | G443                                                                                        |                           |
|                       | Amazônica               | BELÉM                                                     | BEL  | VDN    | 01 23.06S               | 048 28.72W | ----          | A566 G443 G449 G677 W4 W9 W27 UA555<br>UG449 UW5 UW6 UW33 UZ3 UZ7 UZ26                      |                           |
| A566                  | Bogotá / Amazônica      | LETÍCIA                                                   | LET  | VDN    | 0411.52S                | 069 56.33W | 316           | A301 UA301 UA565 UA566                                                                      |                           |
|                       | Amazônica               | TEFÉ                                                      | TFE  | VDN    | 03 23.27S               | 064 43.68W | 277           | B552 W25 UA317 UA566 UL793                                                                  |                           |
|                       | Amazônica               | MANAUS                                                    | MAN  | VD     | 03 02.20S               | 060 07.50W | 99            | G678 W3 W12 W27 UA300 UA315 UA316 UA323<br>UA566 UL306 UM402 UR640 UW3 UW9 UW17<br>UW33 UZ6 |                           |
|                       | Amazônica               | ITACOATIARA                                               | YTC  | N      | 03 07.16S               | 058 28.85W | 223           |                                                                                             |                           |
|                       | Amazônica               | SANTARÉM                                                  | STM  | VDN    | 02 25.59S               | 054 49.05W | 160           | W15 W23 W27 UA312 UB681 UW12 UW33 UZ24<br>UZ28                                              |                           |

Enmienda  
01/08/06

| ATS Route<br>Ruta ATS | FIR/UIR                | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                            | Remarks/<br>Observaciones |
|-----------------------|------------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|-----------------------------------------------------------------|---------------------------|
|                       |                        | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                 |                           |
| 1                     | 2                      | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                               | 10                        |
| B646                  | Recife                 | NORONHA                                                   | NOR  | DN     | 03 51.94S               | 032 26.90W | 199           | W40 W41 UB623 UN857                                             |                           |
|                       | Recife / Atlântica     | MEDAL                                                     | ---- | X      | 00 49.97S               | 031 05.19W | 139           | UB623                                                           | O/P                       |
|                       | Atlântica              | NAMBI                                                     | ---- | X      | 01 17.30N               | 030 08.16W | 139           | UB623                                                           | O/P                       |
|                       | Atlântica / Dacar      | RAKUD                                                     | ---- | X      | 03 24.54N               | 02911.04W  | ----          | UB623                                                           | O/P                       |
|                       | Miami                  | LEARS                                                     | -    | X      | 2830N                   | 07127W     | 117           | UB646/A554                                                      | O/P                       |
|                       | Miami Oceanic          | ELKAS                                                     | -    | X      | 2728N                   | 07319W     | 583           | UB646/G431/UG431                                                | O/P                       |
|                       | Miami/Habana           | CANOA                                                     | -    | X      | 2400N                   | 08304W     | 212           | UB646                                                           | O/P                       |
|                       | Merida                 | ROBIN                                                     | -    | X      | 2224N                   | 08629W     | -             | UB646/A321/UA321/R522/UR522/B881/UB881                          | O/P                       |
| B652                  | Brasília               | CUIABÁ                                                    | CIA  | VDN    | 15 39.36S               | 056 06.72W | 138           | A430 W5 W10 W47 UB554 UB652 UM782 UW10 UW28 UW45                |                           |
| B681                  | Brasília / La Paz      | SAN MATIAS                                                | SMT  | N      | 16 20.12S               | 058 23.23W | ----          | UB652                                                           |                           |
|                       | Georgetown / Amazônica | GEMOL                                                     | ---- | X      | 04 21.38N               | 059 41.23W | 108           | UB681                                                           |                           |
| B682                  | Amazônica              | BOA VISTA                                                 | BVI  | VDN    | 02 51.13N               | 060 41.22W | ----          | G678 UA300 UB681 UL304 UZ23                                     |                           |
|                       | Puerto Montt/Ezeiza    | TONAR                                                     | -    | X      | 4114S                   | 07151W     | -             | UB682                                                           |                           |
| B684                  | Santiago/Mendoza       | ANKON                                                     | -    | X      | 3512S                   | 07030W     | -             | UB684                                                           |                           |
| B689                  | Panama                 | MARMA                                                     | -    | X      | 1031N                   | 07928W     | -             | UB689                                                           | O/P                       |
| B691                  | Brasília               | PORTO                                                     | PCX  | VD     | 22 42.92S               | 042 51.45W | 199           | W6 W50 W55 UA312 UA314 UL327 UL340 UW11 UW63 UW65 UZ1 UZ10 UZ28 |                           |
| B881                  | Brasília               | CONFINS                                                   | CNF  | VD     | 19 33.49S               | 044 02.91W | ----          | G678 W1 W8 W11 W45                                              |                           |
|                       | Merida                 | ROBIN                                                     | -    | X      | 2224N                   | 08624W     | 148           | A321/UA321/B646/UB646/UB881/R522/UR522                          |                           |

| ATS Route<br>Ruta ATS | FIR/UIR               | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |        | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS | Remarks/<br>Observaciones |
|-----------------------|-----------------------|-----------------------------------------------------------|------|--------|-------------------------|--------|---------------|--------------------------------------|---------------------------|
|                       |                       | Name/Nombre                                               | Cod. |        | Lat.                    | Long.  |               |                                      |                           |
| 1                     | 2                     | 3                                                         | 4    | 5      | 6                       | 7      | 8             | 9                                    | 10                        |
| G224                  | Santiago              | ROBIK                                                     | -    | X      | 3337S                   | 07900W | 563           | UL348                                | O/P                       |
|                       | Santiago/I. de Pascua | CARPA                                                     | -    | X      | 3200S                   | 09000W | 531           | UL348                                | O/P                       |
|                       | Isla de Pascua        | GAMBA                                                     | -    | X      | 2950S                   | 10000W | 1096          | UL348                                | O/P                       |
|                       | I. de Pascua/Tahiti   | SAURI                                                     | -    | X      | 2545S                   | 12000W | -             | UL348                                | O/P                       |
| G426                  | Bogotá                | ISETO                                                     | -    | X      | 0230N                   | 07850W | 290           | UG426                                | O/P                       |
|                       | Panama                | MILAT                                                     | -    | X      | 0718N                   | 07924W | -             | UG426                                | O/P                       |
| G430                  | Habana                | AVILA                                                     | UCA  | VDN    | 2200N                   | 07848W | -             | A301/UA301/UG430/G437/UG437          |                           |
|                       | Barranquilla          | NESMO                                                     | -    | X      | 1217N                   | 07604W | -             | A319/UA319/UG430                     | O/P                       |
| G431                  | San Juan/Curaçao      | SCAPA                                                     | -    | X      | 1550N                   | 06730W | 832           | UG431                                | O/P                       |
|                       | Miami Oceanic         | ELKAS                                                     | -    |        | 2728N                   | 07319W | -             | UG431/B646/UB646                     | O/P                       |
| G432                  | New York/San Juan     | GRANN                                                     | X    |        | 2330N                   | 06548W | -             | UG432                                | O/P                       |
| G434                  | Kingston/Panama       | KASOR                                                     | -    | X      | 1500N                   | 07747W | 198           | UG434                                | O/P                       |
|                       | Panama                | TIMRO                                                     | -    | X      | 1148N                   | 07842W | -             | A552/UA552/UG434                     | O/P                       |
| G435                  | Kingston/Panama       | ARNAL                                                     | -    | X      | 1500N                   | 08037W | -             | UG435                                | O/P                       |
| G437                  | Habana                | AVILA                                                     | UCA  | VDN    | 2200N                   | 07848W | 460           | UG437/A301/UA301/G430/UG430          |                           |
|                       | Kingston/Panama       | DUXUN                                                     | -    | X      | 1500N                   | 07915W | 465           | UG437                                | O/P                       |
|                       | Panama                | KORPU                                                     | -    | X      | 0717N                   | 07934W | 197           | UG437                                | O/P                       |
|                       | Panama/Bogota         | UKLOS                                                     | -    | X      | 0516N                   | 07936W | -             | UG437                                | O/P                       |
| G439                  | Central American      | PULGO                                                     | -    | X      | 0758N                   | 08354W | 280           | UG439                                | O/P                       |

| ATS Route<br>Ruta ATS | FIR/UIR                | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                   | Remarks/<br>Observaciones |
|-----------------------|------------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|------------------------------------------------------------------------|---------------------------|
|                       |                        | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                        |                           |
| 1                     | 2                      | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                      | 10                        |
| G442                  | Panama/Bogota          | TILSO                                                     | -    | X      | 0432N                   | 08146W     | -             | UG439                                                                  | O/P                       |
|                       | Curacao                | LIDOL                                                     | -    | X      | 1504N                   | 07312W     | -             | A319/UA319/UG442/UG444                                                 | O/P                       |
| G443                  | Rochambeau / Amazônica | OIAPOQUE                                                  | OIA  | N      | 03 51.59N               | 051 47.87W | 122           | A555 UA555                                                             |                           |
|                       | Amazônica              | AMAPÁ                                                     | AMP  | N      | 02 04.13N               | 050 51.63W | 99            | A555 G449                                                              |                           |
|                       | Amazônica              | MADRE                                                     | ---- | X      | 00 42.64N               | 049 55.41W | 152           | A555                                                                   |                           |
|                       | Amazônica              | BELÉM                                                     | BEL  | VDN    | 01 23.06S               | 048 28.72W | ----          | A555 A566 G449 G677 W4 W9 W27 UA555<br>UG449 UW5 UW6 UW33 UZ3 UZ7 UZ26 |                           |
| G445                  | Panama                 | DAGAS                                                     | -    | X      | 1138N                   | 07908W     | 108           | B510                                                                   | O/P                       |
|                       | Panama/Barranquilla    | AGUJA                                                     | -    | X      | 1059N                   | 07725W     | -             | UG445/A319/UA319                                                       | O/P                       |
| G446                  | Santo Domingo/Curacao  | KARUM                                                     | -    | X      | 1600N                   | 06918W     | -             | UG446                                                                  | O/P                       |
| G448                  | Habana                 | CAYO LARGO SUR                                            | UCL  | VDN    | 2136N                   | 08131W     | -             | UG448                                                                  |                           |
|                       | Kingston/Panama        | LEVOR                                                     | -    | X      | 1500N                   | 08135W     | -             | UG448                                                                  | O/P                       |
| G449                  | Georgetown             | IBERT                                                     | -    | X      | 0723N                   | 05730W     | 495           | UG449                                                                  |                           |
|                       | Rochambeau/Paramaribo  | NASON                                                     | -    | X      | 0455N                   | 05429W     | -             |                                                                        |                           |
|                       | Rochambeau / Amazônica | REBER                                                     | ---- | X      | 03 11.68N               | 05218.03W  | 110           |                                                                        |                           |
|                       | Amazônica              | AMAPÁ                                                     | AMP  | N      | 02 04.13N               | 050 51.63W | 299           | A555 G443                                                              |                           |
|                       | Amazônica              | BELÉM                                                     | BEL  | VDN    | 01 23.06S               | 048 28.72W | 255           | A555 A566 G443 G677 W4 W9 W27 UA555<br>UG449 UW5 UW6 UW33 UZ3 UZ7 UZ26 |                           |
|                       | Amazônica              | IMPERATRIZ                                                | YTZ  | VDN    | 05 31.43S               | 047 26.99W | 107           | W22 UW5 UW16 UZ3 UZ25                                                  |                           |

| ATS Route<br>Ruta ATS | FIR/UIR                            | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                           | Remarks/<br>Observaciones |
|-----------------------|------------------------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                       |                                    | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                                                                |                           |
| 1                     | 2                                  | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                                                              | 10                        |
|                       | Amazônica                          | CAROLINA                                                  | CNA  | VN     | 07 19.12S               | 047 27.29W | 185           |                                                                                                                                |                           |
|                       | Brasília                           | PALMAS                                                    | PLM  | VDN    | 10 12.19S               | 048 21.02W | 334           | W4 UB680 UW6 UW16 UZ26                                                                                                         |                           |
|                       | Brasília                           | BRASÍLIA                                                  | BRS  | VDN    | 15 52.42S               | 048 01.28W | 287           | G678 W2 W10 W49 W50 W56 UA317 UB688<br>UB695 UL304 UL776 UW1 UW2 UW6 UW10<br>UW11 UW12 UW43 UW55 UZ2 UZ5 UZ6 UZ24<br>UZ25 UZ26 |                           |
|                       | Brasília                           | REGAR                                                     | ---- | X      | 20 31.09S               | 047 25.74W | 242           |                                                                                                                                |                           |
|                       | Curitiba                           | NIBGA                                                     | ---- | X      | 24 04.73S               | 047 14.38W | 137           |                                                                                                                                |                           |
|                       | Curitiba                           | CURITIBA                                                  | CRT  | VDN    | 25 31.92S               | 049 10.09W | 287           | A431 G678 W1 W26 W48 UA310 UM548 UW6<br>UW8 UW19 UW24 UW47 UW61                                                                |                           |
|                       | Curitiba                           | PORTO ALEGRE                                              | PAG  | VDN    | 29 59.47S               | 051 09.81W | ----          | A309 A314 G677 R563 W14 W14E UA308 UA309<br>UA314 UA432 UM540 UN857 UR563 UW6 UW19<br>UW24 UZ5                                 |                           |
| G633                  | Kingston/Port au Prince            | BENET                                                     | -    | X      | 1815N                   | 07440W     | 159           | UG633/UB882                                                                                                                    | O/P                       |
| G675                  | Lima/Antofagasta                   | IREMI                                                     | -    | X      | 1821S                   | 07524W     | 574           | UL302                                                                                                                          | O/P                       |
|                       | Antofagasta                        | ATEDA                                                     | -    | X      | 2731S                   | 07226W     | 565           | UL302                                                                                                                          | O/P                       |
|                       | Santiago                           | TONGOY                                                    | TOY  | VDN    | 3015S                   | 07128W     | 526           | G679                                                                                                                           | O/P                       |
|                       | Puerto Montt                       | TEMUCO                                                    | TCO  | VDN    | 3846S                   | 07238W     | 437           |                                                                                                                                |                           |
|                       | Puerto Montt/Comodoro<br>Rivadavia | BALMACEDA                                                 | BAL  | VDN    | 4555S                   | 07143W     |               | UG550                                                                                                                          |                           |
| G677                  | Amazônica                          | BELÉM                                                     | BEL  | VDN    | 01 23.06S               | 048 28.72W | 165           | A555 A566 G443 G449 W4 W9 W27 UA555<br>UG449 UW5 UW6 UW33 UZ3 UZ7 UZ26                                                         |                           |

| ATS Route<br>Ruta ATS | FIR/UIR               | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |             | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                           | Remarks/<br>Observaciones |
|-----------------------|-----------------------|-----------------------------------------------------------|------|--------|-------------------------|-------------|---------------|------------------------------------------------------------------------------------------------|---------------------------|
|                       |                       | Name/Nombre                                               | Cod. |        | Lat.                    | Long.       |               |                                                                                                |                           |
| 1                     | 2                     | 3                                                         | 4    | 5      | 6                       | 7           | 8             | 9                                                                                              | 10                        |
|                       | Amazônica             | SÃO LUIS                                                  | SLI  | VDN    | 02 35.35S               | 044 14.40W  | 152           | W20 W22 UW33 UZ2 UZ4 UZ20                                                                      |                           |
|                       | Recife                | PARNAÍBA                                                  | PNB  | N      | 02 53.85S               | 041 43.73W  | 198           | W2                                                                                             |                           |
|                       | Recife                | FORTALEZA                                                 | FLZ  | VDN    | 03 46.33S               | 038 32.87W  | 111           | W1 W44 UM654 UN741 UW13 UW33 UW43<br>UW44 UZ1 UZ18 UZ19                                        |                           |
|                       | Recife                | MOSSORÓ                                                   | MSS  | VDN    | 05 11.84S               | 037 21.87W  | 365           | W46 UN866 UW14 UW23 UW33 UW50 UZ27                                                             |                           |
|                       | Recife                | MACEIÓ                                                    | MCO  | N      | 09 30.76S               | 035 47.53W  | 116           |                                                                                                |                           |
|                       | Recife                | ARACAJÚ                                                   | ACJ  | VDN    | 10 59.04S               | 037 04.28W  | 136           | UW58                                                                                           |                           |
|                       | Recife                | SALVADOR                                                  | SVD  | VDN    | 12 54.39S               | 038 19.28W  | 121           | W1 W42 UW42 UW50 UW58 UZ10 UZ14 UZ17<br>UZ19 UZ20                                              |                           |
|                       | Recife                | ILHÉUS                                                    | YLH  | N      | 14 48.73S               | 039 02.20W  | 331           | W1                                                                                             |                           |
|                       | Recife / Brasília     | EUDES                                                     | ---- | X      | 18 16.14S               | 039 29.86W  | 127           | UW50                                                                                           | O/P                       |
|                       | Brasília              | VITÓRIA                                                   | VTR  | VDN    | 20 14.98S               | 040 16.98W  | 228           | W6 W11 UL206 UL327 UL330 UL335 UW12<br>UW50                                                    |                           |
|                       | Brasília              | MARICÁ                                                    | MRC  | VD     | 22 58.06S               | 042 53.49W  | 57            | G678 UA314 UL224 UN857 UW50                                                                    |                           |
|                       | Brasília              | BITAK                                                     | ---- | X      | 23 37.81S               | 043 38.28W  | 72            |                                                                                                | O/P                       |
|                       | Brasília / Curitiba   | ETANO                                                     | ---- | X      | 24 27.48S               | 044 35.24W  | 148           | UA314                                                                                          | O/P                       |
|                       | Curitiba              | XAREO                                                     | ---- | X      | 26 08.22S               | 046 34.49W  | 104           | UA314                                                                                          | O/P                       |
|                       | Curitiba              | ATEXO                                                     | ---- | X      | 27 18.15S               | 048 00.51W  | 232           |                                                                                                | O/P                       |
|                       | Curitiba              | PORTO ALEGRE                                              | PAG  | VDN    | 29 59.47S               | 051 09.81 W | ----          | A309 A314 G449 R563 W14 W14E UA308 UA309<br>UA314 UA432 UM540 UN857 UR563 UW6 UW19<br>UW24 UZ5 |                           |
|                       | Maiquetia / Amazônica | LA DIVINA PASTORA                                         | LDP  | VDN    | 04 41.58N               | 061 01.73W  | 112           |                                                                                                |                           |

| ATS Route<br>Ruta ATS | FIR/UIR              | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                           | Remarks/<br>Observaciones |
|-----------------------|----------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                       |                      | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                                                                |                           |
| 1                     | 2                    | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                                                              | 10                        |
| G678                  | Amazônica            | BOA VISTA                                                 | BVI  | VDN    | 02 51.13N               | 060 41.22W | 353           | B681 UA300 UB681 UL304 UZ23                                                                                                    |                           |
|                       | Amazônica            | MANAUS                                                    | MAN  | VD     | 03 02.20S               | 060 07.50W | 237           | A566 W3 W12 W27 UA300 UA315 UA316 UA323<br>UA566 UL306 UM402 UR640 UW3 UW9 UW17<br>UW33 UZ6                                    |                           |
|                       | Amazônica            | JACAREACANGA                                              | JAC  | VDN    | 06 14.14S               | 057 46.24W | 238           | W23 UA315                                                                                                                      |                           |
|                       | Amazônica            | ALTA FLORESTA                                             | ATF  | VDN    | 09 52.10S               | 056 06.30W | 155           | W47 UA315 UA317 UL795 UW9 UW28                                                                                                 |                           |
|                       | Amazônica / Brasília | XINGU                                                     | ---- | X      | 11 27.61S               | 054 01.75W | 162           | UA317                                                                                                                          |                           |
|                       | Brasília             | EGOLA                                                     | ---- | X      | 13 06.26S               | 051 50.35W | 138           | UA317 UM799                                                                                                                    |                           |
|                       | Brasília             | PAPES                                                     | ---- | X      | 14 29.48S               | 049 56.93W | 139           | UA317                                                                                                                          |                           |
|                       | Brasília             | BRASÍLIA                                                  | BRS  | VDN    | 15 52.42S               | 048 01.28W | 203           | G449 W2 W10 W49 W50 W56 UA317 UB688<br>UB695 UL304 UL776 UW1 UW2 UW6 UW10<br>UW11 UW12 UW43 UW55 UZ2 UZ5 UZ6 UZ24<br>UZ25 UZ26 |                           |
|                       | Brasília             | TRÊS MARIAS                                               | TRM  | V      | 1812.19S                | 045 27.43W | 114           | UN741 UW12                                                                                                                     |                           |
|                       | Brasília             | CONFINS                                                   | CNF  | VD     | 19 33.49S               | 044 02.91W | 174           | B691 W1 W8 W11 W45                                                                                                             |                           |
|                       | Brasília             | PIRAÍ                                                     | PAI  | VDN    | 22 27.24S               | 043 50.43W | 61            | W8 W49 UA317 UB680                                                                                                             |                           |
|                       | Brasília             | MARICA                                                    | MRC  | VD     | 22 58.06S               | 042 53.49W | 241           | G677 UA314 UL224 UN857 UW50                                                                                                    |                           |
|                       | Curitiba             | ASONO                                                     | ---- | X      | 24 15.92S               | 046 58.47W | 114           |                                                                                                                                |                           |
|                       | Curitiba             | PARANAGUÁ                                                 | PNG  | N      | 25 32.08S               | 048 31.85W | 35            | UM400 UM788 UM792 UW47 UW61                                                                                                    |                           |
|                       | Curitiba             | CURITIBA                                                  | CRT  | VDN    | 25 31.92S               | 049 10.09W | ----          | A431 G449 W1 W26 W48 UA310 UM548 UW6<br>UW8 UW19 UW24 UW47 UW61                                                                |                           |

| ATS Route<br>Ruta ATS | FIR/UIR                 | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |             | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                           | Remarks/<br>Observaciones |
|-----------------------|-------------------------|-----------------------------------------------------------|------|--------|-------------------------|-------------|---------------|------------------------------------------------------------------------------------------------|---------------------------|
|                       |                         | Name/Nombre                                               | Cod. |        | Lat.                    | Long.       |               |                                                                                                |                           |
| 1                     | 2                       | 3                                                         | 4    | 5      | 6                       | 7           | 8             | 9                                                                                              | 10                        |
| G679                  | Santiago                | TONGOY                                                    | TOY  | VDN    | 3015S                   | 07128W      | 910           | G675                                                                                           |                           |
|                       | Puerto Montt            | PTO AGUIRRE                                               | PAR  | VDN    | 4509S                   | 07331W      | 324           |                                                                                                |                           |
| G680                  | Curitiba                | BAGÉ                                                      | BGE  | VN     | 31 23.44S               | 054 06.59W  | ----          | A310 A314 UA314 UG680 UM788 UN741                                                              |                           |
| R505                  | Central American/Panama | DURAM                                                     | -    | X      | 1217N                   | 08246W      | -             | UR 505                                                                                         | O/P                       |
| R522                  | Merida                  | ROBIN                                                     | -    | X      | 2224N                   | 08629W      | -             | A321/UA321/B646/UB646 UR522/B881/UB881                                                         | O/P                       |
| R563                  | Curitiba / Resistência  | FOZ                                                       | FOZ  | VD     | 25 35.00S               | 054 30.21 W | 71            | A431 W13 UA307 UB554 UB688 UL324 UR563<br>UW8 UW48 UW66 UZ18                                   |                           |
|                       | Resistência / Curitiba  | GEBUN                                                     | ---- | X      | 23 34.67S               | 053 46.76W  | 247           | UL310 UR563                                                                                    |                           |
|                       | Curitiba                | PORTO ALEGRE                                              | PAG  | VDN    | 29 59.47S               | 051 09.81W  | ----          | A309 A314 G449 G677 W14 W14E UA308 UA309<br>UA314 UA432 UM540 UN857 UR563 UW6 UW19<br>UW24 UZ5 |                           |
| R640                  | Central America/Mexico  | DANUL                                                     | -    | X      | 2011N                   | 08519W      | 150           | A321/UA321/UR640                                                                               | O/P                       |
| <b>W1</b>             | Recife                  | FORTALEZA                                                 | FLZ  | VDN    | 03 46.33S               | 038 32.87W  | 337           | G677 W44 UM654 UN741 UW13 UW33 UW43<br>UW44 UZ1 UZ18 UZ19                                      |                           |
|                       | Recife                  | PAULO AFONSO                                              | PAF  | VN     | 09 24.16S               | 03815.33W   | 209           | W8 W10                                                                                         |                           |
|                       | Recife                  | SALVADOR                                                  | SVD  | VDN    | 12 54.39S               | 038 19.28W  | 121           | G677 W42 UW42 UW50 UW58 UZ10 UZ14 UZ17<br>UZ19 UZ20                                            |                           |
|                       | Recife                  | ILHÉUS                                                    | YLH  | N      | 14 48.73S               | 039 02.20W  | 198           | G677                                                                                           |                           |
|                       | Recife / Brasília       | ARUBI                                                     | ---- | X      | 17 09.56S               | 041 28.01W  | 206           |                                                                                                |                           |
|                       | Brasília                | CONFINS                                                   | CNF  | VD     | 19 33.49S               | 044 02.91W  | 306           | B691 G678 W8 W11 W45                                                                           |                           |
|                       | Curitiba                | SOROCABA                                                  | SCB  | VD     | 23 30.43S               | 047 22.69W  | 156           | A428 W51 UA310 UM415 UM782 UW45 UW49                                                           |                           |

| ATS Route<br>Ruta ATS | FIR/UIR            | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |             | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                             | Remarks/<br>Observaciones |
|-----------------------|--------------------|-----------------------------------------------------------|------|--------|-------------------------|-------------|---------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                       |                    | Name/Nombre                                               | Cod. |        | Lat.                    | Long.       |               |                                                                                                                                  |                           |
| 1                     | 2                  | 3                                                         | 4    | 5      | 6                       | 7           | 8             | 9                                                                                                                                | 10                        |
| <b>W2</b>             | Curitiba           | CURITIBA                                                  | CRT  | VDN    | 25 31.92S               | 049 10.09W  | ----          | WU50 WU58                                                                                                                        |                           |
|                       | Recife             | PARNAÍBA                                                  | PNB  | N      | 02 53.85S               | 041 43.73W  | 145           | A431 G449 G678 W26 W48 UA310 UM548 UW6<br>UW8 UW19 UW24 UW47 UW61                                                                |                           |
|                       | Recife             | TERESINA                                                  | TRS  | VDN    | 05 03.97S               | 042 49.50W  | 438           | G677                                                                                                                             |                           |
|                       | Recife             | BARREIRAS                                                 | BRR  | VN     | 12 04.80S               | 045 00.43W  | 115           | W20 W44 UW44 UZ5 UZ7 UZ20                                                                                                        |                           |
|                       | Recife / Brasília  | FRONT                                                     | ---- | X      | 13 36.62S               | 046 12.48W  | 172           | UW5 UW43 UW44                                                                                                                    |                           |
|                       | Brasília           | BRASÍLIA                                                  | BRS  | VDN    | 15 52.42S               | 048 01.28W  | 40            | UW43                                                                                                                             |                           |
| <b>W3</b>             | Brasília           | CRISE                                                     | ---- | X      | 16 31.43S               | 047 51.61 W | ----          | G449 G678 W10 W49 W50 W56 UA317 UB688<br>UB695 UL304 UL776 UW1 UW2 UW6 UW10<br>UW11 UW12 UW43 UW55 UZ2 UZ5 UZ6 UZ24<br>UZ25 UZ26 |                           |
|                       | Amazônica          | MANAUS                                                    | MAN  | VD     | 03 02.20S               | 060 07.50W  | 139           | A566 G678 W12 W27 UA300 UA315 UA316<br>UA323 UA566 UL306 UM402 UR640 UW3 UW9<br>UW17 UW33 UZ6                                    |                           |
|                       | Amazônica          | MANICORÉ                                                  | MCR  | N      | 05 48.43S               | 061 16.92W  | 234           |                                                                                                                                  |                           |
|                       | Amazônica          | PORTO VELHO                                               | PVH  | VDN    | 08 42.83S               | 063 54.19W  | 148           | W10 UL216 UW3 UW10                                                                                                               |                           |
| <b>W4</b>             | Amazônica / La Paz | GUAJARÁ                                                   | GJM  | N      | 10 46.67S               | 065 20.30W  | ----          | A685                                                                                                                             |                           |
|                       | Amazônica          | DOURADO                                                   | MDD  | N      | 00 53.00S               | 052 36.18W  | 250           | W15                                                                                                                              |                           |
|                       | Amazônica          | BELÉM                                                     | BEL  | VDN    | 01 23.06S               | 048 28.72W  | 241           | A555 A566 G443 G449 G677 W9 W27 UA555<br>UG449 UW5 UW6 UW33 UZ3 UZ7 UZ26                                                         |                           |
|                       | Amazônica          | MARABÁ                                                    | MRB  | VDN    | 05 22.09S               | 049 08.12W  | 306           |                                                                                                                                  |                           |

| ATS Route<br>Ruta ATS | FIR/UIR             | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                      | Remarks/<br>Observaciones |
|-----------------------|---------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|---------------------------------------------------------------------------|---------------------------|
|                       |                     | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                           |                           |
| 1                     | 2                   | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                         | 10                        |
| <b>W5</b>             | Brasília            | PALMAS                                                    | PLM  | VDN    | 10 12.19S               | 048 21.02W | ----          | G449 UB680 UW6 UW16 UZ26                                                  |                           |
|                       | Brasília            | CUIABÁ                                                    | CIA  | VDN    | 15 39.36S               | 056 06.72W | 109           | A430 B652 W10 W47 UB554 UB652 UM782 UW10 UW28 UW45                        |                           |
|                       | Brasília / Curitiba | ROSER                                                     | ---- | X      | 17 19.16S               | 056 52.37W | 111           |                                                                           |                           |
| <b>W6</b>             | Curitiba            | CORUMBÁ                                                   | CUB  | N      | 19 00.97S               | 057 39.87W | 238           | A304 UW62                                                                 |                           |
|                       | Curitiba            | PONTA PORÃ                                                | PTP  | N      | 22 33.01 S              | 055 42.43W | ----          | A430                                                                      |                           |
|                       | Brasília            | PORTO                                                     | PCX  | VD     | 22 42.92S               | 042 51.45W | 206           | B691 W50 W55 UA312 UA314 UL327 UL340 UW11 UW63 UW65 UZ1 UZ10 UZ28         |                           |
| <b>W7</b>             | Brasília            | VITÓRIA                                                   | VTR  | VDN    | 20 14.98S               | 040 16.98W | ----          | G677 W11 UL206 UL327 UL330 UL335 UW12 UW50                                |                           |
|                       | Curitiba            | CAMPO GRANDE                                              | CGR  | VDN    | 20 28.13S               | 054 40.22W | 330           | A304 A430 W29 W47 W58 UB554 UM544 UW19 UW28 UW29 UW50 UW52 UW60 UW62 UZ22 |                           |
|                       | Curitiba            | BAURU                                                     | BRU  | N      | 22 18.84S               | 049 06.43W | ----          | A304 W13 W51 W58 UL655 UM654 UM782 UW6 UW45 UW48 UW53 UW62 UZ5 UZ21       |                           |
| <b>W8</b>             | Brasília            | PIRAÍ                                                     | PAI  | VDN    | 22 27.24S               | 043 50.43W | 181           | G678 W49 UA317 UB680                                                      |                           |
|                       | Brasília            | CONFINS                                                   | CNF  | VD     | 19 33.49S               | 044 02.91W | 223           | B691 G678 W1 W11 W45                                                      |                           |
|                       | Brasília / Recife   | RETOL                                                     | ---- | X      | 15 51.10S               | 043 42.98W | 156           |                                                                           |                           |
| <b>W9</b>             | Recife              | LAPA                                                      | LAP  | VDN    | 13 15.88S               | 043 24.49W | 287           | W10 W42 UW10 UW14 UW42                                                    |                           |
|                       | Recife              | PETROLINA                                                 | PTL  | VDN    | 09 21.79S               | 040 33.68W | 137           | UW13 UW14 UZ20 UZ27                                                       |                           |
|                       | Recife              | PAULO AFONSO                                              | PAF  | VN     | 09 24.16S               | 038 15.33W | ----          | W1 W10                                                                    |                           |
|                       | Amazônica           | BELÉM                                                     | BEL  | VDN    | 01 23.06S               | 048 28.72W | 301           | A555 A566 G443 G449 G677 W4 W27 UA555 UG449 UW5 UW6 UW33 UZ3 UZ7 UZ26     |                           |

| ATS Route<br>Ruta ATS | FIR/UIR              | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |             | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                            | Remarks/<br>Observaciones |
|-----------------------|----------------------|-----------------------------------------------------------|------|--------|-------------------------|-------------|---------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                       |                      | Name/Nombre                                               | Cod. |        | Lat.                    | Long.       |               |                                                                                                                                 |                           |
| 1                     | 2                    | 3                                                         | 4    | 5      | 6                       | 7           | 8             | 9                                                                                                                               | 10                        |
| <b>W10</b>            | Amazônica            | CARAJÁS                                                   | CRJ  | VDN    | 06 07.15S               | 050 00.16W  | ----          | UB680                                                                                                                           |                           |
|                       | La Paz / Amazônica   | CRUZEIRO                                                  | CZS  | VDN    | 07 36.41 S              | 072 46.41 W | 148           | B552 UW10                                                                                                                       |                           |
|                       | Amazônica            | PANOL                                                     | ---- | X      | 08 39.63S               | 070 31.70W  | 172           | UL306 UW10                                                                                                                      |                           |
|                       | Amazônica            | BRANCO                                                    | RBC  | VDN    | 09 52.31 S              | 067 53.72W  | 247           | A301 A430 A685 UA301 UA321 UB554 UL309<br>UL417 UR550 UR558 UW10 UW17                                                           |                           |
|                       | Amazônica            | PORTO VELHO                                               | PVH  | VDN    | 08 42.83S               | 063 54.19W  | 174           | W3 UL216 UW3 UW10                                                                                                               |                           |
|                       | Amazônica            | RONDÔNIA                                                  | RON  | N      | 10 53. 11S              | 061 56.85W  | 303           |                                                                                                                                 |                           |
|                       | Amazônica / Brasília | ITAMA                                                     | ---- | X      | 14 13.46S               | 058 03.48W  | 142           | UW10                                                                                                                            |                           |
|                       | Brasília             | CUIABÁ                                                    | CIA  | VDN    | 15 39.36S               | 056 06.72W  | 215           | A430 B652 W5 W47 UB554 UB652 UM782 UW10<br>UW28 UW45                                                                            |                           |
|                       | Brasília             | GARÇAS                                                    | BAG  | VDN    | 15 51.21S               | 052 23.74W  | 190           | UL795 UW9 UW53                                                                                                                  |                           |
|                       | Brasília             | GOIÂNIA                                                   | GOI  | VDN    | 16 37.95S               | 049 12.93W  | 83            | W24 W29 UW10 UW15 UW29 UW54 UW59                                                                                                |                           |
| <b>W11</b>            | Brasília             | BRASÍLIA                                                  | BRS  | VDN    | 15 52.42S               | 048 01.28W  | 151           | G449 G678 W2 W49 W50 W56 UA317 UB688<br>UB695 UL304 UL776 UW1 UW2 UW6 UW10<br>UW11 UW12 UW43 UW55 UZ2 UZ5 UZ6 UZ24<br>UZ25 UZ26 |                           |
|                       | Brasília / Recife    | BAIAN                                                     | ---- | X      | 14 37.43S               | 045 46.03W  | 160           | UW10                                                                                                                            |                           |
|                       | Recife               | LAPA                                                      | LAP  | VDN    | 13 15.88S               | 043 24.49W  | 381           | W8 W42 UW10 UW14 UW42                                                                                                           |                           |
|                       | Recife               | PAULO AFONSO                                              | PAF  | VN     | 09 24.16S               | 038 15.33W  | ----          | W1 W8                                                                                                                           |                           |
|                       | Brasília             | CONFINS                                                   | CNF  | VD     | 19 33.49S               | 044 02.91W  | 218           | B691 G678 W1 W8 W45                                                                                                             |                           |
|                       | Brasília             | VITÓRIA                                                   | VTR  | VDN    | 20 14.98S               | 040 16.98W  | ----          | G677 W6 UL206 UL327 UL330 UL335 UW12<br>UW50                                                                                    |                           |

| ATS Route<br>Ruta ATS | FIR/UIR                | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |             | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                            | Remarks/<br>Observaciones |
|-----------------------|------------------------|-----------------------------------------------------------|------|--------|-------------------------|-------------|---------------|-------------------------------------------------------------------------------------------------|---------------------------|
|                       |                        | Name/Nombre                                               | Cod. |        | Lat.                    | Long.       |               |                                                                                                 |                           |
| 1                     | 2                      | 3                                                         | 4    | 5      | 6                       | 7           | 8             | 9                                                                                               | 10                        |
| <b>W12</b>            | Amazônica              | IAURETÊ                                                   | YAU  | N      | 00 35.98N               | 06911.03W   | 139           | W21                                                                                             |                           |
|                       | Amazônica              | GABRIEL                                                   | SGC  | VDN    | 00 09.04S               | 066 59.11W  | 118           | W25 UA323 UL216 UL309                                                                           |                           |
|                       | Amazônica              | TAPUR                                                     | ---- | X      | 00 32.51S               | 065 03.68W  | 131           |                                                                                                 |                           |
|                       | Amazônica              | BARCELOS                                                  | BRL  | N      | 00 58.53S               | 062 55.25W  | 208           |                                                                                                 |                           |
|                       | Amazônica              | MANAUS                                                    | MAN  | VD     | 03 02.20S               | 060 07.50W  | 257           | A566 G678 W3 W27 UA300 UA315 UA316 UA323<br>UA566 UL306 UM402 UR640 UW3 UW9 UW17<br>UW33 UZ6    |                           |
|                       | Amazônica              | ITAITUBA                                                  | YUB  | N      | 04 14.43S               | 056 00.28W  | 233           | W23                                                                                             |                           |
|                       | Amazônica              | ALTAMIRA                                                  | ATM  | VN     | 03 14.96S               | 052 14.86W  | ----          | W27                                                                                             |                           |
| <b>W13</b>            | Curitiba               | BAURU                                                     | BRU  | N      | 22 18.84S               | 049 06.43W  | 355           | A304 W7 W51 W58 UL655 UM654 UM782 UW6<br>UW45 UW48 UW53 UW62 UZ5 UZ21                           |                           |
|                       | Curitiba               | FOZ                                                       | FOZ  | VD     | 25 35.00S               | 054 30.21 W | ----          | A431 R563 UA307 UB554 UB688 UL324 UR563<br>UW8 UW48 UW66 UZ18                                   |                           |
| <b>W14</b>            | Resistência / Curitiba | URUGUAIANA                                                | URG  | N      | 29 47.16S               | 057 02.20W  | 182           |                                                                                                 |                           |
|                       | Curitiba               | SANTA MARIA                                               | SMA  | VDN    | 29 42.60S               | 053 42.79W  | 135           | W14E                                                                                            |                           |
|                       | Curitiba               | PORTO ALEGRE                                              | PAG  | VDN    | 29 59.47S               | 051 09.81 W | ----          | A309 A314 G449 G677 R563 W14E UA308 UA309<br>UA314 UA432 UM540 UN857 UR563 UW6 UW19<br>UW24 UZ5 |                           |
| <b>W14E</b>           | Curitiba               | SANTA MARIA                                               | SMA  | VDN    | 29 42.60S               | 053 42.79W  | 134           | W14                                                                                             |                           |
|                       | Curitiba               | PORTO ALEGRE                                              | PAG  | VDN    | 29 59.47S               | 051 09.81 W | ----          | A309 A314 G449 G677 R563 W14 UA308 UA309<br>UA314 UA432 UM540 UN857 UR563 UW6 UW19<br>UW24 UZ5  |                           |
| <b>W15</b>            | Amazônica              | SANTARÉM                                                  | STM  | VDN    | 02 25.59S               | 054 49.05W  | 162           | A566 W23 W27 UA312 UB681 UW12 UW33 UZ24                                                         |                           |

| ATS Route<br>Ruta ATS | FIR/UIR   | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |             | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                          | Remarks/<br>Observaciones |
|-----------------------|-----------|-----------------------------------------------------------|------|--------|-------------------------|-------------|---------------|---------------------------------------------------------------|---------------------------|
|                       |           | Name/Nombre                                               | Cod. |        | Lat.                    | Long.       |               |                                                               |                           |
| 1                     | 2         | 3                                                         | 4    | 5      | 6                       | 7           | 8             | 9                                                             | 10                        |
|                       |           |                                                           |      |        |                         |             |               | UZ28                                                          |                           |
| <b>W17</b>            | Amazônica | DOURADO                                                   | MDD  | N      | 00 53.00S               | 052 36.18W  | ----          | W4                                                            |                           |
| <b>W20</b>            | Amazônica | BELO HORIZONTE                                            | BHZ  | VDN    | 19 50.15S               | 044 00.21W  | ----          | UB680 UW5 UW11 UW13 UZ16                                      |                           |
|                       | Amazônica | SÃO LUÍS                                                  | SLI  | VDN    | 02 35.35S               | 044 14.40W  | 170           | G677 W22 UW33 UZ2 UZ4 UZ20                                    |                           |
|                       | Recife    | TERESINA                                                  | TRS  | VDN    | 05 04.97S               | 042 49.50W  | ----          | W2 W44 UW44 UZ5 UZ7 UZ20                                      |                           |
| <b>W21</b>            | Amazônica | IAURETÊ                                                   | YAU  | N      | 00 35.98N               | 06911.03W   | ----          | W21                                                           |                           |
| <b>W22</b>            | Amazônica | IMPERATRIZ                                                | YTZ  | VDN    | 05 31.43S               | 047 26.99W  | 260           | G449 UW5 UW16 UZ3 UZ25                                        |                           |
|                       | Amazônica | SÃO LUÍS                                                  | SLI  | VDN    | 02 35.35S               | 044 14.40W  | ----          | G677 W20 UW33 UZ2 UZ4 UZ20                                    |                           |
| <b>W23</b>            | Amazônica | TIRIÓS                                                    | TIR  | N      | 02 13.14N               | 055 56.51 W | 286           | UL776 UZ13                                                    |                           |
|                       | Amazônica | SANTARÉM                                                  | STM  | VDN    | 02 25.59S               | 054 49.05W  | 129           | A566 W15 W27 UA312 UB681 UW12 UW33 UZ24 UZ28                  |                           |
|                       | Amazônica | ITAITUBA                                                  | YUB  | N      | 04 14.33S               | 056 00.28W  | 159           | W12                                                           |                           |
|                       | Amazônica | JACAREACANGA                                              | JAC  | VDN    | 06 14.14S               | 057 46.24W  | ----          | G678 UA315                                                    |                           |
| <b>W24</b>            | Brasília  | GOIÂNIA                                                   | GOI  | VDN    | 16 37.95S               | 049 12.93W  | ----          | W10 W29 UW10 UW15 UW29 UW54 UW59                              |                           |
| <b>W25</b>            | Amazônica | GABRIEL                                                   | SGC  | VDN    | 00 09.04S               | 066 59.11W  | 236           | W12 UA323 UL216 UL309                                         |                           |
|                       | Amazônica | TEFÉ                                                      | TFE  | VDN    | 03 23.27S               | 064 43.68W  | ----          | A566 B552 UA317 UA566 UL793                                   |                           |
| <b>W26</b>            | Curitiba  | URUBUPUNGÁ                                                | URP  | VDN    | 20 46.59S               | 051 33.53W  | 84            | A304 UB688 UB695                                              |                           |
|                       | Curitiba  | PRUDENTE                                                  | PRR  | VDN    | 22 10.38S               | 051 25.58W  | 241           | UM415 UW50                                                    |                           |
|                       | Curitiba  | CURITIBA                                                  | CRT  | VDN    | 25 31.92S               | 049 10.09W  | ----          | A431 G449 G678 W1 W48 UA310 UM548 UW6 UW8 UW19 UW24 UW47 UW61 |                           |

| ATS Route<br>Ruta ATS | FIR/UIR             | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                         | Remarks/<br>Observaciones |
|-----------------------|---------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|----------------------------------------------------------------------------------------------|---------------------------|
|                       |                     | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                              |                           |
| 1                     | 2                   | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                            | 10                        |
| <b>W27</b>            | Amazônica           | MANAUS                                                    | MAN  | VD     | 03 02.20S               | 060 07.50W | 243           | A566 G678 W3 W12 UA300 UA315 UA316 UA323<br>UA566 UL306 UM402 UR640 UW3 UW9 UW17<br>UW33 UZ6 |                           |
|                       | Amazônica           | TROMBETAS                                                 | PTT  | N      | 01 29.18S               | 056 23.88W | 110           |                                                                                              |                           |
|                       | Amazônica           | SANTARÉM                                                  | STM  | VDN    | 02 25.59S               | 054 49.05W | 162           | A566 W15 W23 UA312 UB681 UW12 UW33 UZ24<br>UZ28                                              |                           |
|                       | Amazônica           | ALTAMIRA                                                  | ATM  | VN     | 03 14.96S               | 052 14.86W | 252           | W12                                                                                          |                           |
|                       | Amazônica           | BELÉM                                                     | BEL  | VDN    | 01 23.06S               | 048 28.72W | ----          | A555 A566 G443 G449 G677 W4 W9 UA555<br>UG449 UW5 UW6 UW33 UZ3 UZ7 UZ26                      |                           |
| <b>W29</b>            | Brasília            | GOIÂNIA                                                   | GOI  | VDN    | 16 37.95S               | 049 12.93W | 232           | W10 W24 UW10 UW15 UW29 UW54 UW59                                                             |                           |
|                       | Brasília / Curitiba | ALONE                                                     | ---- | X      | 18 57.33S               | 052 27.71W | 154           |                                                                                              |                           |
|                       | Curitiba            | CAMPO GRANDE                                              | CGR  | VDN    | 20 28.13S               | 054 40.23W | ----          | A304 A430 W7 W47 W58 UB554 UM544 UW19<br>UW28 UW29 UW50 UW52 UW60 UW62 UZ22                  |                           |
| <b>W40</b>            | Recife              | KONOS                                                     | ---- | X      | 05 30.92S               | 034 42.43W | 167           |                                                                                              | O/P                       |
|                       | Recife              | NORONHA                                                   | NOR  | DN     | 03 51.94S               | 03 26.90W  | ----          | B623 W41 UB623 UN857                                                                         |                           |
| <b>W41</b>            | Recife              | ASEPO                                                     | ---- | X      | 06 37.06S               | 034 02.46W | 84            | B623 UB623                                                                                   | O/P                       |
|                       | Recife              | GALOT                                                     | ---- | X      | 05 24.22S               | 033 20.32W | 106           | B623                                                                                         | O/P                       |
|                       | Recife              | NORONHA                                                   | NOR  | DN     | 03 51.94S               | 03 26.90W  | ----          | B623 W40 UB623 UN857                                                                         |                           |
| <b>W42</b>            | Recife              | LAPA                                                      | LAP  | VDN    | 1315.88S                | 043 24.49W | 299           | W8 W10 UW10 UW14 UW42                                                                        |                           |
|                       | Recife              | SALVADOR                                                  | SVD  | VDN    | 12 54.39S               | 038 19.28W | ----          | G677 W1 UW42 UW50 UW58 UZ10 UZ14 UZ17<br>UZ19 UZ20                                           |                           |
| <b>W44</b>            | Recife              | TERESINA                                                  | TRS  | VDN    | 05 03.97S               | 042 49.50W | 276           | W2 W20 UW44 UZ5 UZ7 UZ20                                                                     |                           |

| ATS Route<br>Ruta ATS | FIR/UIR              | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                            | Remarks/<br>Observaciones |
|-----------------------|----------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                       |                      | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                                                                 |                           |
| 1                     | 2                    | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                                                               | 10                        |
| <b>W45</b>            | Recife               | FORTALEZA                                                 | FLZ  | VDN    | 03 46.33S               | 038 32.87W | ----          | G677 W1 UM654 UN741 UW13 UW33 UW43<br>UW44 UZ1 UZ18 UZ19                                                                        |                           |
|                       | Brasília / Recife    | DADNA                                                     | ---- | X      | 17 32.54S               | 040 47.63W | 221           |                                                                                                                                 |                           |
|                       | Brasília             | CONFINS                                                   | CNF  | VD     | 19 33.49S               | 044 02.91W | 331           | B691 G678 W1 W8 W11                                                                                                             |                           |
|                       | Curitiba             | NEROK                                                     | ---- | X      | 23 27.38S               | 046 40.37W | 32            |                                                                                                                                 | O/P                       |
|                       | Curitiba             | PETRI                                                     | ---- | X      | 24 48.15S               | 046 59.27W | 73            |                                                                                                                                 | O/P                       |
|                       | Curitiba             | VUKUS                                                     | ---- | X      | 25 54.80S               | 047 33.52W | 83            |                                                                                                                                 | O/P                       |
|                       | Curitiba             | TUVAM                                                     | ---- | X      | 27 09.83S               | 048 12.95W | 35            |                                                                                                                                 | O/P                       |
|                       | Curitiba             | FLORIANÓPOLIS                                             | FLN  | N      | 27 41.72S               | 048 30.03W | ----          | UA314 UW19 UW21 UW25                                                                                                            |                           |
|                       | <b>W46</b> Recife    | MOSSORÓ                                                   | MSS  | VDN    | 05 11.84S               | 037 21.87W | ----          | G677 UN866 UW14 UW23 UW33 UW50 UZ27                                                                                             |                           |
|                       | <b>W47</b> Curitiba  | CAMPO GRANDE                                              | CGR  | VDN    | 20 28.13S               | 054 40.23W | 175           | A304 A430 W7 W29 W58 UB554 UM544 UW19<br>UW28 UW29 UW50 UW52 UW60 UW62 UZ22                                                     |                           |
| <b>W48</b>            | Curitiba / Brasília  | TOSAR                                                     | ---- | X      | 17 39.04S               | 055 31.47W | 124           | A430                                                                                                                            |                           |
|                       | Brasília             | CUIABA                                                    | CIA  | VDN    | 15 39.36S               | 056 06.72W | 178           |                                                                                                                                 |                           |
|                       | Brasília / Amazônica | RAPAT                                                     | ---- | X      | 12 40.69S               | 056 06.50W | 168           | UW28                                                                                                                            |                           |
|                       | Amazônica            | ALTA FLORESTA                                             | ATF  | VDN    | 09 52.10S               | 056 06.30W | ----          | G678 UA315 UA317 UL795 UW9 UW28                                                                                                 |                           |
|                       | <b>W48</b> Curitiba  | CURITIBA                                                  | CRT  | VDN    | 25 31.92S               | 049 10.09W | ----          | A431 G449 G678 W1 W26 UA310 UM548 UW6<br>UW8 UW19 UW24 UW47 UW61                                                                |                           |
|                       | <b>W49</b> Brasília  | BRASÍLIA                                                  | BRS  | VDN    | 15 52.42S               | 048 01.28W | 460           | G449 G678 W2 W10 W50 W56 UA317 UB688<br>UB695 UL304 UL776 UW1 UW2 UW6 UW10<br>UW11 UW12 UW43 UW55 UZ2 UZ5 UZ6 UZ24<br>UZ25 UZ26 |                           |

| ATS Route<br>Ruta ATS | FIR/UIR   | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                            | Remarks/<br>Observaciones |
|-----------------------|-----------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                       |           | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                                                                 |                           |
| 1                     | 2         | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                                                               | 10                        |
| <b>W50</b>            | Brasília  | PIRAÍ                                                     | PAI  | VDN    | 22 27.24S               | 043 50.43W | ----          | G678 W8 UA317 UB680                                                                                                             |                           |
|                       | Brasília  | BRASÍLIA                                                  | BRS  | VDN    | 15 52.42S               | 048 01.28W | 504           | G449 G678 W2 W10 W49 W56 UA317 UB688<br>UB695 UL304 UL776 UW1 UW2 UW6 UW10<br>UW11 UW12 UW43 UW55 UZ2 UZ5 UZ6 UZ24<br>UZ25 UZ26 |                           |
| <b>W51</b>            | Brasília  | PORTO                                                     | PCX  | VD     | 22 42.92S               | 042 51.45W | ----          | B691 W6 W55 UA312 UA314 UL327 UL340<br>UW11 UW63 UW65 UZ1 UZ10 UZ28                                                             |                           |
|                       | Curitiba  | SOROCABA                                                  | SCB  | VD     | 23 30.43S               | 047 22.69W | 120           | A428 W1 UA310 UM415 UM782 UW45 UW49<br>UW50 UW58                                                                                |                           |
| <b>W55</b>            | Curitiba  | BAURU                                                     | BRU  | N      | 22 18.84S               | 049 06.43W | ----          | A304 W7 W13 W58 UL655 UM654 UM782 UW6<br>UW45 UW48 UW53 UW62 UZ5 UZ21                                                           |                           |
|                       | Brasília  | PORTO                                                     | PCX  | VD     | 22 42.92S               | 042 51.45W | ----          | B691 W6 W50 UA312 UA314 UL327 UL340<br>UW11 UW63 UW65 UZ1 UZ10 UZ28                                                             |                           |
| <b>W56</b>            | Brasília  | BRASÍLIA                                                  | BRS  | VDN    | 15 52.42S               | 048 01.28W | ----          | G449 G678 W2 W10 W49 W50 UA317 UB688<br>UB695 UL304 UL776 UW1 UW2 UW6 UW10<br>UW11 UW12 UW43 UW55 UZ2 UZ5 UZ6 UZ24<br>UZ25 UZ26 |                           |
| <b>W58</b>            | Curitiba  | CAMPO GRANDE                                              | CGR  | VDN    | 20 28.13S               | 054 40.22W | 338           | A304 A430 W7 W29 W47 UB554 UM544 UW19<br>UW28 UW29 UW50 UW52 UW60 UW62 UZ22                                                     |                           |
|                       | Curitiba  | BAURU                                                     | BRU  | N      | 22 18.84S               | 049 06.43W | ----          | A304 W7 W13 W51 UL655 UM654 UM782 UW6<br>UW45 UW48 UW53 UW62 UZ5 UZ21                                                           |                           |
| UA300                 | Amazônica | MANAUS                                                    | MAN  | VD     | 03 02.20S               | 060 07.50W | 182           | A566 G678 W3 W12 W27 UA315 UA316 UA323<br>UA566 UL306 UM402 UR640 UW3 UW9 UW17<br>UW33 UZ6                                      |                           |
|                       | Amazônica | EDRIP                                                     | ---- | X      | 00 00.02S               | 060 24.93W | 171           |                                                                                                                                 |                           |

| ATS Route<br>Ruta ATS | FIR/UIR               | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                | Remarks/<br>Observaciones |
|-----------------------|-----------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|---------------------------------------------------------------------|---------------------------|
|                       |                       | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                     |                           |
| 1                     | 2                     | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                   | 10                        |
| UA301                 | Amazônica             | BOA VISTA                                                 | BVI  | VDN    | 02 51.13N               | 060 41.22W | 104           | B681 G678 UB681 UL304 UZ23                                          |                           |
|                       | Maiquetia / Amazônica | PAKON                                                     | ---- | X      | 04 28.87N               | 061 18.05W | ----          |                                                                     |                           |
|                       | Maiquetia             | HENRY                                                     | -    | X      | 1305N                   | 06439W     | -             |                                                                     |                           |
|                       | Resistencia           | LAS LOMITAS                                               | ITA  | V      | 2444S                   | 06033W     | 181           | UR560                                                               |                           |
|                       | Asuncion/La Paz       | ESELA                                                     | -    | X      | 2 056S                  | 06212W     | 401           | UA320                                                               |                           |
|                       | La Paz                | TRINIDAD                                                  | TRI  | VDN    | 1447S                   | 06456W     | 300           |                                                                     |                           |
|                       | Amazônica             | BRANCO                                                    | RBC  | VDN    | 09 52.31S               | 067 53.72W | 229           | A301 A430 A685 W10 UA321 UB554 UL309<br>UL417 UR550 UR558 UW10 UW17 |                           |
|                       | Amazônica             | NEGRA                                                     | ---- | X      | 06 15.64S               | 069 12.03W | 131           | A301 B552                                                           |                           |
|                       | Bogotá / Amazônica    | LETÍCIA                                                   | LET  | VDN    | 04 11.52S               | 069 56.33W | ----          | A301 A566 UA565 UA566                                               |                           |
|                       | Barranquilla          | BARRANQUILLA                                              | BAQ  | VDN    | 1048N                   | 07452W     | 735           | A301                                                                |                           |
| UA302                 | Habana                | AVILA                                                     | UCA  | VDN    | 2200N                   | 07848W     | -             | A301/G437/UG437/G430/UG430                                          | O/P                       |
|                       | Montevideo            | MELO                                                      | MLO  | V      | 3220S                   | 05413W     | -             | UA308/UA310/UA425/UB449                                             |                           |
| UA303                 | Cordoba               | CERES                                                     | ERE  | DV     | 2952S                   | 06152W     | 467           | UA307/UA558/UB686/A307/UL417                                        |                           |
|                       | Cordoba/Antofagasta   | KONRI                                                     | -    | X      | 2407S                   | 06732W     | 480           | UL550                                                               |                           |
|                       | Antofagasta/Lima      | GELIS                                                     | -    | X      | 1821S                   | 07327W     | -             |                                                                     |                           |
| UA304                 | Lima/La Paz           | ELAKO                                                     | -    | X      | 1555S                   | 06918W     | 371           |                                                                     |                           |
|                       | La Paz                | VIRU VIRU                                                 | VIR  | VDN    | 1737S                   | 06309W     | 514           | A304/UA321                                                          |                           |
|                       | Curitiba              | CAMPO GRANDE                                              | CGR  | VDN    | 2028S                   | 05440W     |               |                                                                     |                           |
| UA305                 | Santiago/Mendoza      | ALBAL                                                     | -    | X      | 3411S                   | 06949W     | -             | A305                                                                |                           |

| ATS Route<br>Ruta ATS | FIR/UIR               | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                          | Remarks/<br>Observaciones |
|-----------------------|-----------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|-----------------------------------------------------------------------------------------------|---------------------------|
|                       |                       | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                               |                           |
| 1                     | 2                     | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                             | 10                        |
| UA306<br>UA307        | Curitiba / Montevideo | UGELO                                                     | ---- | X      | 32 40.70S               | 053 08.83W | ----          | A305                                                                                          |                           |
|                       | Santiago/Mendoza      | UMKAL                                                     | -    | X      | 3253S                   | 07000W     |               |                                                                                               |                           |
|                       | Santiago/Mendoza      | NEBEG                                                     | -    | X      | 3348S                   | 06954W     | -             | A307                                                                                          |                           |
| UA308                 | Cordoba               | CERES                                                     | ERE  | VD     | 2952S                   | 06152W     | 470           | UA303/UA558/UB686/A307/UL417                                                                  |                           |
|                       | Curitiba / Assunção   | FOZ                                                       | FOZ  | VD     | 25 35.00S               | 054 30.21W | ----          | A431 R563 W13 UB688 UL324 UR563 UW8<br>UW48 UW66 UZ18                                         |                           |
|                       | Curitiba              | PORTO ALEGRE                                              | PAG  | VDN    | 29 59.47S               | 051 09.81W | 131           | A309 A314 G449 G677 R563 W14 W14E UA309<br>UA314 UA432 UM540 UN857 UR563 UW6 UW19<br>UW24 UZ5 |                           |
|                       | Montevideo            | MELO                                                      | MLO  | V      | 3220S                   | 05413W     | -             | UA302/UA310/UA425/UB449                                                                       |                           |
| UA309                 | Montevideo / Curitiba | UGURA                                                     | ---- | X      | 32 36.29S               | 053 20.45W | 193           | A309                                                                                          |                           |
|                       | Curitiba              | PORTO ALEGRE                                              | PAG  | VDN    | 29 59.47S               | 051 09.81W | ----          | A309 A314 G449 G677 R563 W14 W14E UA308<br>UA314 UA432 UM540 UN857 UR563 UW6 UW19<br>UW24 UZ5 |                           |
| UA310                 | Brasília / Curitiba   | SOROCABA                                                  | SCB  | VD     | 23 30.42S               | 047 22.70W | 155           | A428 W1 W51 UM415 UM782 UW45 UW49<br>UW50 UW58                                                |                           |
|                       | Curitiba              | CURITIBA                                                  | CRT  | VDN    | 25 31.92S               | 049 10.09W | 218           | A431 G449 G678 W1 W26 W48 UM548 UW6 UW8<br>UW19 UW24 UW47 UW61                                |                           |
|                       | Curitiba              | ASDEK                                                     | ---- | X      | 28 35.69S               | 051 20.48W | 125           | UM788 UM792                                                                                   |                           |
| UA312                 | Curitiba              | GAVEL                                                     | ---- | X      | 30 20.64S               | 052 39.11W | 145           | UA432                                                                                         |                           |
|                       | Curitiba / Montevideo | MELO                                                      | MLO  | VN     | 32 20.63S               | 054 13.34W | ----          |                                                                                               |                           |
|                       | Brasília              | PORTO                                                     | PCX  | VD     | 22 42.92S               | 042 51.45W | 100           | B691 W6 W50 W55 UA314 UL327 UL340 UW11                                                        |                           |
|                       |                       |                                                           |      |        |                         |            |               |                                                                                               |                           |

| ATS Route<br>Ruta ATS | FIR/UIR                | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                    | Remarks/<br>Observaciones |
|-----------------------|------------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|-----------------------------------------------------------------------------------------|---------------------------|
|                       |                        | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                         |                           |
| 1                     | 2                      | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                       | 10                        |
| UA314                 | Brasília               | BARBACENA                                                 | BBC  | N      | 21 16.02S               | 043 45.85W | 261           | UN873 UZ14 UZ15 UZ28                                                                    |                           |
|                       | Brasília               | FLAND                                                     | ---- | X      | 17 30.04S               | 046 29.26W | 1037          | UM654 UZ28                                                                              |                           |
|                       | Amazônica              | SANTARÉM                                                  | STM  | VDN    | 02 25.59S               | 054 49.05W | 280           | A566 W15 W23 W27 UB681 UW12 UW33 UZ24 UZ28                                              |                           |
|                       | Amazônica / Paramaribo | ACARI                                                     | ---- | X      | 01 57.43N               | 056 29.34W | 291           |                                                                                         |                           |
|                       | Georgetown             | TIMEHRY                                                   | TIM  | VDN    | 0629N                   | 05816W     | -             | UG443                                                                                   |                           |
|                       | Brasília               | PORTO                                                     | PCX  | VD     | 22 42.92S               | 042 51.45W | 15            | B691 W6 W50 W55 UA312 UL327 UL340 UW11 UW63 UW65 UZ1 UZ10 UZ28                          |                           |
|                       | Brasília               | MARICÁ                                                    | MRC  | VD     | 22 58.06S               | 042 53.49W | 129           | G677 G678 UL224 UN857 UW50                                                              |                           |
|                       | Brasília / Curitiba    | ETANO                                                     | ---- | X      | 24 27.48S               | 044 35.24W | 148           | G677                                                                                    | O/P                       |
|                       | Curitiba               | XAREO                                                     | ---- | X      | 26 08.22S               | 046 34.49W | 139           | G677                                                                                    | O/P                       |
|                       | Curitiba               | FLORIANÓPOLIS                                             | FLN  | N      | 27 41.72S               | 048 30.03W | 196           | W45 UW19 UW21 UW25                                                                      |                           |
| UA315                 | Curitiba               | PORTO ALEGRE                                              | PAG  | VDN    | 29 59.47S               | 051 09.81W | 174           | A309 A314 G449 G677 R563 W14 W14E UA308 UA309 UA432 UM540 UN857 UR563 UW6 UW19 UW24 UZ5 |                           |
|                       | Curitiba               | BAGÉ                                                      | BGE  | VN     | 31 23.44S               | 054 06.59W | ----          | A310 A314 G680 UG680 UM788 UN741                                                        |                           |
|                       | Amazônica              | ALTA FLORESTA                                             | ATF  | VDN    | 09 52.10S               | 056 06.30W | 239           | G678 W47 UA317 UL795 UW9 UW28                                                           |                           |
|                       | Amazônica              | JACAREACANGA                                              | JAC  | VDN    | 06 14.14S               | 057 46.24W | 237           | G678 W23                                                                                |                           |
|                       | Amazônica              | MANAUS                                                    | MAN  | VD     | 03 02.20S               | 060 07.50W | 198           | A566 G678 W3 W12 W27 UA300 UA315 UA323 UA566 UL306 UM402 UR640 UW3 UW9 UW17 UW33 UZ6    |                           |

| ATS Route<br>Ruta ATS | FIR/UIR                 | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                       | Remarks/<br>Observaciones |
|-----------------------|-------------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|--------------------------------------------------------------------------------------------|---------------------------|
|                       |                         | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                            |                           |
| 1                     | 2                       | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                          | 10                        |
| UA316                 | Amazônica               | MADKO                                                     | ---- | X      | 00 00.02S               | 061 26.14W | 249           |                                                                                            |                           |
|                       | Maiquetia / Amazônica   | VAGAN                                                     | ---- | X      | 03 49.15N               | 063 05.03W | 888           |                                                                                            |                           |
|                       | Curacao/Santo Domingo   | VESKA                                                     | -    | X      | 1600N                   | 07045W     | 288           | A315                                                                                       | O/P                       |
|                       | Miami/Port au Prince    | JOSES                                                     | -    | X      | 2010N                   | 07312W     | -             | A315                                                                                       | O/P                       |
|                       | Amazônica               | MANAUS                                                    | MAN  | VD     | 03 02.20S               | 060 07.50W | 326           | A566 G678 W3 W12 W27 UA300 UA315 UA323<br>UA566 UL306 UM402 UR640 UW3 UW9 UW17<br>UW33 UZ6 |                           |
| UA317                 | Amazônica               | BARGE                                                     | ---- | X      | 08 22.21S               | 061 21.28W | 150           | UL201                                                                                      |                           |
|                       | Amazônica               | REDON                                                     | ---- | X      | 10 49.17S               | 031 54.55W | 142           | UL655 UW10                                                                                 |                           |
|                       | Amazônica / La Paz      | ILRES                                                     | ---- | X      | 13 09.39S               | 062 21.20W | ----          |                                                                                            |                           |
|                       | Central American        | SAN JOSE                                                  | SJO  | VD     | 1356N                   | 09051W     | 548           | A317                                                                                       |                           |
|                       | Central American/Panama | BUFEO                                                     | -    | X      | 0949N                   | 08235W     | 869           | A317                                                                                       | O/P                       |
|                       | Bogota                  | VILLAVICENCIO                                             | VVC  | VDN    | 0404N                   | 07323W     | 258           | A301/UA323                                                                                 |                           |
|                       | Bogotá / Amazônica      | MITU                                                      | MTU  | VDN    | 01 15.88N               | 070 12.83W | 202           | UL201 UM782                                                                                |                           |
|                       | Amazônica               | ELANA                                                     | ---- | X      | 00 55.09S               | 067 39.28W | 107           |                                                                                            |                           |
|                       | Amazônica               | GROSP                                                     | ---- | X      | 02 04.06S               | 066 18.04W | 123           | UL216                                                                                      |                           |
|                       | Amazônica               | TEFÉ                                                      | TFE  | VDN    | 03 23.27S               | 064 43.68W | 125           | A566 B552 W25 UA566 UL793                                                                  |                           |
|                       | Amazônica               | SALSA                                                     | ---- | X      | 04 39.42S               | 063 04.14W | 94            | UL306                                                                                      |                           |
|                       | Amazônica               | IGAPO                                                     | ---- | X      | 05 36.17S               | 061 49.52W | 162           | UW3                                                                                        |                           |
|                       | Amazônica               | DEMIT                                                     | ---- | X      | 07 14.18S               | 059 39.44W | 140           | UM402                                                                                      |                           |

| ATS Route<br>Ruta ATS | FIR/UIR              | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                          | Remarks/<br>Observaciones |
|-----------------------|----------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                       |                      | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                                                               |                           |
| 1                     | 2                    | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                                                             | 10                        |
| UA319                 | Amazônica            | NASAL                                                     | ---- | X      | 08 38.15S               | 057 46.54W | 123           | UZ21                                                                                                                          |                           |
|                       | Amazônica            | ALTA FLORESTA                                             | ATF  | VDN    | 09 52.10S               | 056 06.30W | 155           | G678 W47 UA315 UL795 UW9 UW28                                                                                                 |                           |
|                       | Amazônica / Brasília | XINGU                                                     | ---- | X      | 11 27.61S               | 054 01.75W | 162           | G678                                                                                                                          |                           |
|                       | Brasília             | EGOLA                                                     | ---- | X      | 13 06.26S               | 051 50.35W | 138           | G678 UM799                                                                                                                    |                           |
|                       | Brasília             | PAPES                                                     | ---- | X      | 14 29.48S               | 049 56.93W | 139           | G678                                                                                                                          |                           |
|                       | Brasília             | BRASÍLIA                                                  | BRS  | VDN    | 15 52.42S               | 048 01.28W | 322           | G449 G678 W2 W10 W49 W50 W56 UB688 UB695<br>UL304 UL776 UW1 UW2 UW6 UW10 UW11<br>UW12 UW43 UW55 UZ2 UZ5 UZ6 UZ24 UZ25<br>UZ26 |                           |
|                       | Brasília             | MAVIK                                                     | ---- | X      | 20 31.70S               | 045 06.39W | 135           | UW58                                                                                                                          |                           |
|                       | Brasília             | PIRAÍ                                                     | PAI  | VDN    | 22 27.24S               | 043 50.43W | ----          | G678 W8 W49 UB680                                                                                                             |                           |
|                       | Curacao              | LIDOL                                                     | -    | X      | 1504N                   | 07312W     | 239           | A319/G442/UG442/UG444                                                                                                         | O/P                       |
|                       | Barranquilla         | NESMO                                                     | -    | X      | 1217N                   | 07604W     | 112           | A319/G430/UG430                                                                                                               | O/P                       |
| UA320                 | Barranquilla/Panama  | AGUJA                                                     | -    | X      | 1059N                   | 07725W     | -             | A319/G445/UG445                                                                                                               | O/P                       |
|                       | Asuncion/La Paz      | ESELA                                                     | -    | X      | 2056S                   | 06212W     | 461           | UA301                                                                                                                         |                           |
|                       | La Paz               | LA PAZ                                                    | PAZ  | VDN    | 1630S                   | 06813W     | 342           |                                                                                                                               |                           |
| UA321                 | Lima                 | ANDAHUAYLAS                                               | AND  | V      | 1343S                   | 07221W     | -             |                                                                                                                               |                           |
|                       | La Paz               | VIRU VIRU                                                 | VIR  | VDN    | 1737S                   | 06308W     | 460           | A304/UA304                                                                                                                    |                           |
|                       | La Paz               | ABUNA                                                     | -    | X      | 1100S                   | 06712W     | ----          |                                                                                                                               |                           |
|                       | Amazônica            | BRANCO                                                    | RBC  | VDN    | 09 52.31S               | 067 53.72W | 297           | A301 A430 A685 W10 UA301 UB554 UL309<br>UL417 UR550 UR558 UW10 UW17                                                           |                           |

| ATS Route<br>Ruta ATS | FIR/UIR                 | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                                                                                                                                                                                                                                                                                                | Remarks/<br>Observaciones |
|-----------------------|-------------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                       |                         | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                                                                                                                                                                                                                                                                                                                                     |                           |
| 1                     | 2                       | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                                                                                                                                                                                                                                                                                                                                   | 10                        |
| UA323                 | Amazônica               | TIGRE                                                     | ---- | X      | 06 09.37S               | 071 14.09W | 102           | UA565/UA566/UG427/UG430<br>UG430/UR567<br>A321<br>A321<br>A321/R640/UR640<br>A321/B646/UB646/R522/UR522/B881/UB881<br>UA317/A301<br>W12 W25 UL216 UL309<br>UA323<br>A566 G678 W3 W12 W27 UA300 UA315 UA316<br>UA566 UL306 UM402 UR640 UW3 UW9 UW17<br>UW33 UZ6<br>UA302/UA308/UA310/UB449<br>A309 A314 G449 G677 R563 W14 W14E UA308<br>UA309 UA314 UM540 UN857 UR563 UW6 UW19<br>UW24 UZ5<br>UA310 | O/P<br>O/P<br>O/P<br>O/P  |
|                       | Lima / Amazônica        | LIMPO                                                     | ---- | X      | 04 53.06S               | 072 21.99W | ----          |                                                                                                                                                                                                                                                                                                                                                                                                     |                           |
|                       | Lima                    | IQUITOS                                                   | IQT  | V      | 0380S                   | 07332W     |               |                                                                                                                                                                                                                                                                                                                                                                                                     |                           |
|                       | Lima/Bogota             | LEGUIZAMO                                                 | LGM  | N      | 0011S                   | 07445W     | 420           |                                                                                                                                                                                                                                                                                                                                                                                                     |                           |
|                       | Bogota/Panama           | BUSMO                                                     | -    | X      | 0643N                   | 07820W     | 561           |                                                                                                                                                                                                                                                                                                                                                                                                     |                           |
|                       | Panama/Central American | PELRA                                                     | -    | X      | 1415N                   | 08227W     | 393           |                                                                                                                                                                                                                                                                                                                                                                                                     |                           |
|                       | Central American/Mexico | DANUL                                                     | -    | X      | 2011N                   | 08519W     | 150           |                                                                                                                                                                                                                                                                                                                                                                                                     |                           |
|                       | Merida                  | ROBIN                                                     | -    | X      | 2224N                   | 08629W     | -             |                                                                                                                                                                                                                                                                                                                                                                                                     |                           |
|                       | Bogota                  | VILLAVICENCIO                                             | VVC  | VDN    | 0404N                   | 07323W     | 294           |                                                                                                                                                                                                                                                                                                                                                                                                     |                           |
|                       | Bogotá / Amazônica      | BRACO                                                     | ---- | X      | 01 44.67N               | 069 51.44W | 206           |                                                                                                                                                                                                                                                                                                                                                                                                     |                           |
|                       | Amazônica               | GABRIEL                                                   | SGC  | VDN    | 00 09.04S               | 066 59.11W | 107           |                                                                                                                                                                                                                                                                                                                                                                                                     |                           |
|                       | Amazônica               | AKNOV                                                     | ---- | X      | 00 50.55S               | 065 20.78W | 138           |                                                                                                                                                                                                                                                                                                                                                                                                     |                           |
|                       | Amazônica               | MONIC                                                     | ---- | X      | 01 44.07S               | 063 14.05W | 202           |                                                                                                                                                                                                                                                                                                                                                                                                     |                           |
|                       | Amazônica               | MANAUS                                                    | MAN  | VD     | 03 02.20S               | 060 07.50W | ----          |                                                                                                                                                                                                                                                                                                                                                                                                     |                           |
| UA425                 | Montevideo              | MELO                                                      | -    | V      | 3220S                   | 05413W     | -             |                                                                                                                                                                                                                                                                                                                                                                                                     |                           |
| UA432                 | Curitiba                | PORTO ALEGRE                                              | PAG  | VDN    | 29 59.47S               | 051 09.81W | 80            |                                                                                                                                                                                                                                                                                                                                                                                                     |                           |
|                       | Curitiba                | GAVEL                                                     | ---- | X      | 30 20.64S               | 052 39.11W | 152           |                                                                                                                                                                                                                                                                                                                                                                                                     |                           |

| ATS Route<br>Ruta ATS | FIR/UIR                  | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                  | Remarks/<br>Observaciones |
|-----------------------|--------------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|-----------------------------------------------------------------------|---------------------------|
|                       |                          | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                       |                           |
| 1                     | 2                        | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                     | 10                        |
|                       | Curitiba / Montevideo    | GAMOT                                                     | ---- | X      | 30 57.20S               | 055 29.33W | ----          | UM654                                                                 |                           |
| UA502                 | Central American/Panama  | POXON                                                     | -    | X      | 0833N                   | 08250N     | -             | A502                                                                  |                           |
| UA550                 | Guayaquil/Bogota         | BOKAN                                                     | -    | X      | 0048N                   | 07752W     | -             |                                                                       |                           |
|                       | Bogota/Maiquetia         | KIKAS                                                     | -    | X      | 0701N                   | 07158W     | -             |                                                                       |                           |
| UA552                 | Central American /Panama | FALLA                                                     | -    | X      | 1326N                   | 08240W     | 259           | A552                                                                  |                           |
| UA554                 | Miami                    | GRAND TURK                                                | GTK  | VDN    | 2126N                   | 07108W     | -             | A554/A555/UA555                                                       | O/P                       |
| UA555                 | Amazônica                | BELÉM                                                     | BEL  | VDN    | 01 23.06S               | 048 28.72W | 251           | A555 A566 G443 G449 G677 W4 W9 W27 UG449<br>UW5 UW6 UW33 UZ3 UZ7 UZ26 |                           |
|                       | Amazônica                | CALAN                                                     | ---- | X      | 02 10.18N               | 050 42.43W | 120           |                                                                       |                           |
|                       | Amazônica / Rochambeau   | OIAPOQUE                                                  | OIA  | N      | 03 51.59N               | 051 47.97W | 1568          | A555 G443                                                             |                           |
|                       | Rochambeau/Paramaribo    | BUXEX                                                     | -    | X      | 0645N                   | 05400W     | 1300          |                                                                       | O/P                       |
|                       | Miami                    | GRAND TURK                                                | GTK  | VDN    | 2126N                   | 07108W     | -             | A554/A555/UA554                                                       | O/P                       |
| UA556                 | Asuncion/Resistencia     | REPAM                                                     | -    | X      | 2725S                   | 05733W     | -             | UA300                                                                 |                           |
|                       | Montevideo               | DAYMA                                                     | -    | X      | 3147S                   | 05705W     | -             | UL324                                                                 |                           |
| UA558                 | Cordoba                  | JUJUY                                                     | JUJ  | VD     | 2424S                   | 06505W     | 370           |                                                                       |                           |
|                       | Cordoba                  | CERES                                                     | ERE  | VD     | 2952S                   | 06152W     | -             | UA303/UA307/UB686/A307/UL417                                          |                           |
| UA565                 | Lima                     | IQUITOS                                                   | IQT  | V      | 0380S                   | 07332W     | -             | UA321/UG427/UG430/UA566                                               |                           |
|                       | Bogotá / Amazônica       | LETÍCIA                                                   | LET  | VDN    | 04 11.52S               | 069 56.33W | ----          | A301 A566 UA301 UA565                                                 |                           |
| UA566                 | Amazônica                | MANAUS                                                    | MAN  | VD     | 03 02.20S               | 060 07.50W | 277           | A566 G678 W3 W12 W27 UA300 UA315 UA316                                |                           |

| ATS Route<br>Ruta ATS                                              | FIR/UIR                      | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                      | Remarks/<br>Observaciones |
|--------------------------------------------------------------------|------------------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|---------------------------------------------------------------------------|---------------------------|
|                                                                    |                              | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                           |                           |
| 1                                                                  | 2                            | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                         | 10                        |
| UA567<br>UA570<br>UB449<br>UB503<br>UB510<br>UB520<br><b>UB554</b> | Amazônica                    | TEFÉ                                                      | TFE  | VDN    | 03 23.27S               | 064 43.68W | 94            | UA323 UL306 UM402 UR640 UW3 UW9 UW17<br>UW33 UZ6                          | O/P                       |
|                                                                    | Amazônica                    | ROUSE                                                     | ---- | X      | 03 37.86S               | 066 16.93W | 158           | A566 B552 W25 UA317 UL793                                                 |                           |
|                                                                    | Bogotá / Amazônica           | LETÍCIA                                                   | LET  | VDN    | 04 11.52S               | 069 56.33W | ----          | UM782                                                                     |                           |
|                                                                    | Lima                         | IQUITOS                                                   | IQT  | V      | 0380S                   | 07332W     | -             | A301 A566 UA301 UA565                                                     |                           |
|                                                                    | Santo Domingo/Curaçao        | BEROX                                                     | -    | X      | 1600N                   | 07004W     | -             | UA321/UA565/UG427/UG430                                                   |                           |
|                                                                    | Comodoro Rivadavia           | VEDMA                                                     | VIE  | V      | 4052S                   | 06300W     | -             | A567                                                                      |                           |
|                                                                    | Montevideo                   | MELO                                                      | MLO  | V      | 3220S                   | 05413W     | -             | UA302/UA308/UA/310/UA425                                                  |                           |
|                                                                    | Habana                       | MANZANILLO                                                | UMZ  | VD     | 2181N                   | 07706W     | -             | B503                                                                      |                           |
|                                                                    | Kingston/Panama              | COLBY                                                     | -    | X      | 1500N                   | 07832W     | -             | B510                                                                      |                           |
|                                                                    | Santo Domingo/Port-au-Prince | CABO ROJO                                                 | CRO  | V      | 1755N                   | 07139W     | 152           | B520                                                                      |                           |
|                                                                    | Curitiba / Assunção          | FOZ                                                       | FOZ  | VD     | 25 35.00S               | 054 30.21W | 42            | A431 R563 W13 UA307 UB688 UL324 UR563<br>UW8 UW48 UW66 UZ18               |                           |
|                                                                    | Assunção                     | BOLIR                                                     | ---- | X      | 24 52.86S               | 054 31.63W | 60            | UL301                                                                     |                           |
|                                                                    | Assunção / Curitiba          | TEDAS                                                     | ---- | X      | 23 52.37S               | 054 34.54W | 204           |                                                                           |                           |
|                                                                    | Curitiba                     | CAMPO GRANDE                                              | CGR  | VDN    | 20 28.13S               | 054 40.22W | 299           | A304 A430 W7 W29 W47 W58 UM544 UW19<br>UW28 UW29 UW50 UW52 UW60 UW62 UZ22 |                           |
|                                                                    | Brasília                     | CUIABÁ                                                    | CIA  | VDN    | 15 39.36S               | 056 06.72W | 145           | A430 B652 W5 W10 W47 UB652 UM782 UW10<br>UW28 UW45                        |                           |

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|                       |                      | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                     |                           |
| 1                     | 2                    | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                   | 10                        |
| <b>UB623</b>          | Brasília / Amazônica | UGINA                                                     | ---- | X      | 14 36.58S               | 058 22.42W | 124           | A430                                                                |                           |
|                       | Amazônica            | PAGUS                                                     | ---- | X      | 13 42.24S               | 060 16.61W | 334           |                                                                     |                           |
|                       | Amazônica / La Paz   | SILIC                                                     | ---- | X      | 11 10.65S               | 062 22.03W | 115           | A430                                                                |                           |
|                       | Amazônica            | BRANCO                                                    | RBC  | VDN    | 09 52.31 S              | 067 53.72W | ----          | A301 A430 A685 W10 UA301 UA321 UL309<br>UL417 UR550 UR558 UW10 UW17 |                           |
|                       | Recife               | ASEPO                                                     | ---- | X      | 06 37.06S               | 034 02.46W | 190           | B623 W41                                                            | O/P                       |
|                       | Recife               | NORONHA                                                   | NOR  | DN     | 03 51.94S               | 032 26.90W | 199           | B623 W40 W41 UN857                                                  |                           |
|                       | Recife / Atlântica   | MEDAL                                                     | ---- | X      | 00 49.97S               | 031 05.19W | 139           | B623                                                                | O/P                       |
|                       | Atlântica            | NAMBI                                                     | ---- | X      | 01 17.30N               | 030 08.16W | 20            | B623                                                                | O/P                       |
|                       | Atlântica            | BODAK                                                     | ---- | X      | 01 35.29S               | 029 59.78W | 119           | UL375 UL695                                                         | O/P                       |
|                       | Atlântica / Dacar    | RAKUD                                                     | ---- | X      | 03 24.54N               | 029 11.04W | ----          | B623                                                                | O/P                       |
| UB646                 | Miami                | LEARS                                                     | -    | X      | 2830N                   | 07127W     | 117           | A554/B646                                                           |                           |
|                       | Miami Oceanic        | ELKAS                                                     | -    | X      | 2728N                   | 07319W     | 788           | G431/UG431/B646                                                     | O/P                       |
|                       | Miami/Habana         | CANOA                                                     | -    | X      | 2400N                   | 08304W     | 212           | B646                                                                | O/P                       |
|                       | Merida               | ROBIN                                                     | -    | X      | 2224N                   | 08629W     | -             | B646/A321/UA321/R522/UR522/B881/UB881                               | O/P                       |
| <b>UB652</b>          | Brasília             | CUIABÁ                                                    | CIA  | VDN    | 15 39.36S               | 056 06.72W | 138           | A430 B652 W5 W10 W47 UB554 UM782 UW10<br>UW28 UW45                  |                           |
|                       | Brasília             | SAN MATIAS                                                | SMT  | N      | 16 20.12S               | 058 23.23W | ----          | B652                                                                |                           |
| UB679                 | Lima/La Paz          | CHARA_A                                                   | CHA  | N      | 1735S                   | 06926W     | -             |                                                                     |                           |

| ATS Route<br>Ruta ATS | FIR/UIR                | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |             | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                     | Remarks/<br>Observaciones |
|-----------------------|------------------------|-----------------------------------------------------------|------|--------|-------------------------|-------------|---------------|----------------------------------------------------------|---------------------------|
|                       |                        | Name/Nombre                                               | Cod. |        | Lat.                    | Long.       |               |                                                          |                           |
| 1                     | 2                      | 3                                                         | 4    | 5      | 6                       | 7           | 8             | 9                                                        | 10                        |
| UB680                 | Rochambeau / Amazônica | ATITA                                                     | ---- | X      | 02 14.98N               | 053 55.53W  | 180           |                                                          |                           |
|                       | Amazônica              | MATRA                                                     | ---- | X      | 01 59.12S               | 052 06.83W  | 278           | UW33                                                     |                           |
|                       | Amazônica              | CARAJÁS                                                   | CRJ  | VDN    | 06 07.16S               | 050 00.13W  | 267           | W9                                                       |                           |
|                       | Brasília               | PALMAS                                                    | PLM  | VDN    | 10 12.19S               | 048 21.02W  | 626           | G449 W4 UW6 UW16 UZ26                                    |                           |
|                       | Brasília               | BELO HORIZONTE                                            | BHZ  | VDN    | 19 50.15S               | 044 00.21W  | 162           | W17 UW5 UW11 UW13 UZ16                                   |                           |
|                       | Brasília               | PIRAÍ                                                     | PAI  | VDN    | 22 27.24S               | 043 50.43W  | ----          | G678 W8 W49 UA317                                        |                           |
| UB681                 | Georgetown / Amazônica | GEMOL                                                     | ---- | X      | 04 21.38N               | 059 41.23W  | 108           | B681                                                     |                           |
|                       | Amazônica              | BOA VISTA                                                 | BVI  | VDN    | 02 51.13N               | 060 14.22W  | 76            | B681 G678 UA300 UL304 UZ23                               |                           |
|                       | Amazônica / Georgetown | EGDIT                                                     | ---- | X      | 02 00.10N               | 059 44.54W  | 60            |                                                          |                           |
|                       | Georgetown / Amazônica | GAXOR                                                     | ---- | X      | 01 19.92N               | 058 59.88W  | 136           |                                                          |                           |
|                       | Amazônica              | ROGIN                                                     | ---- | X      | 00 11.04S               | 057 18.64W  | 201           | UL306                                                    |                           |
|                       | Amazônica              | SANTARÉM                                                  | STM  | VDN    | 02 25.59S               | 054 49.05W  | ----          | A566 W15 W23 W27 UA312 UW12 UW33 UZ24 UZ28               |                           |
| UB682                 | Puerto Montt/Ezeiza    | TONAR                                                     | -    | X      | 4114S                   | 07151W      | -             | B682                                                     |                           |
| UB684                 | Santiago/Mendoza       | ANKON                                                     | -    | X      | 3512S                   | 07030W      | -             | B684                                                     |                           |
| UB686                 | Cordoba                | CERES                                                     | ERE  | VD     | 2952S                   | 06152W      | -             | UA303/UA307/UA558/A307/UL417                             |                           |
| UB688                 | Assunção / Curitiba    | FOZ                                                       | FOZ  | VD     | 25 35.00S               | 054 30.21 W | 171           | A431 R563 W13 UA307 UB554 UL324 UR563 UW8 UW48 UW66 UZ18 |                           |
|                       | Curitiba               | VAPOL                                                     | ---- | X      | 23 06.19S               | 052 57.23W  | 160           |                                                          |                           |
|                       | Curitiba               | URUBUPUNGÁ                                                | URP  | VDN    | 20 46.59S               | 051 33.53W  | 112           | A304 W26 UB695                                           |                           |

| ATS Route<br>Ruta ATS | FIR/UIR             | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                          | Remarks/<br>Observaciones |
|-----------------------|---------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                       |                     | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                                                               |                           |
| 1                     | 2                   | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                                                             | 10                        |
| UB689<br>UB695        | Brasília            | DENSE                                                     | ---- | X      | 19 14.00S               | 050 25.08W | 244           | UB695 UL201                                                                                                                   | O/P                       |
|                       | Brasília            | BRASÍLIA                                                  | BRS  | VDN    | 15 52.42S               | 048 01.28W | ----          | G449 G678 W2 W10 W49 W50 W56 UA317<br>UB695 UL304 UL776 UW1 UW2 UW6 UW10<br>UW11 UW12 UW43 UW55 UZ2 UZ5 UZ6 UZ24<br>UZ25 UZ26 |                           |
|                       | Panama              | MARMA                                                     | -    | X      | 1031N                   | 07928W     | -             | B689                                                                                                                          |                           |
|                       | Assunção / Curitiba | KALAD                                                     | ---- | X      | 23 43.20S               | 055 29.30W | 178           |                                                                                                                               |                           |
|                       | Curitiba            | NOIVA                                                     | ---- | X      | 21 51.70S               | 052 58.44W | 102           | UW19                                                                                                                          |                           |
|                       | Curitiba            | URUBUPUNGÁ                                                | URP  | VDN    | 20 46.59S               | 051 33.53W | 112           | A304 W26 UB688                                                                                                                |                           |
|                       | Brasília            | DENSE                                                     | ---- | X      | 19 14.00S               | 050 25.08W | 244           | UB688 UL201                                                                                                                   |                           |
|                       | Brasília            | BRASÍLIA                                                  | BRS  | VDN    | 15 52.42S               | 048 01.28W | ----          | G449 G678 W2 W10 W49 W50 W56 UA317<br>UB688 UL304 UL776 UW1 UW2 UW6 UW10<br>UW11 UW12 UW43 UW55 UZ2 UZ5 UZ6 UZ24<br>UZ25 UZ26 |                           |
| UB881                 | Merida              | ROBIN                                                     | -    | X      | 2224N                   | 08629W     | 148           | A321/UA321/B646/UB646/B881/R522/UR522                                                                                         |                           |
| UG426                 | Lima                | LIVUS                                                     | -    | X      | 0724S                   | 07747W     | -             |                                                                                                                               |                           |
|                       | Bogota              | ISETO                                                     | -    | X      | 0230N                   | 07850W     | 290           | G426                                                                                                                          | O/P                       |
|                       | Panama              | MILAT                                                     | -    | X      | 0718N                   | 07924W     | -             | G426                                                                                                                          | O/P                       |
| UG427                 | Bogota/Maiquetia    | KOVEX                                                     | -    | X      | 0636N                   | 06949W     | -             |                                                                                                                               |                           |
|                       | Lima                | IQUITOS                                                   | IQT  | V      | 0380S                   | 07332W     | -             | UA321/UA565/UG430/UA566                                                                                                       |                           |
| UG430                 | Habana              | AVILA                                                     | UCA  | VDN    | 2200N                   | 07848N     | -             | A301/UA301/G430/G437/UG437                                                                                                    |                           |

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|-----------------------|----------------------------|-----------------------------------------------------------|------|--------|-------------------------|--------|---------------|--------------------------------------|---------------------------|
|                       |                            | Name/Nombre                                               | Cod. |        | Lat.                    | Long.  |               |                                      |                           |
| 1                     | 2                          | 3                                                         | 4    | 5      | 6                       | 7      | 8             | 9                                    | 10                        |
| UG431                 | Barranquilla               | NESMO                                                     | -    | X      | 1217N                   | 07604W | 757           | A319/UA319/G430                      | O/P                       |
|                       | Bogota/Lima                | LEGUIZAMO                                                 | LGM  | N      | 0011S                   | 07445W | -             | UA321/UR567                          |                           |
|                       | Lima                       | IQUITOS                                                   | IQT  | V      | 0380S                   | 07332W | -             | UA321/UA565/UG430/UA566              |                           |
|                       | Lima                       | PABAM                                                     | -    | X      | 0325S                   | 07534W | 647           |                                      |                           |
|                       | Bogota                     | BARRANCABERMEJA                                           | EJA  | VDN    | 0659N                   | 07348W | 658           | A301                                 |                           |
|                       | Curacao/San Juan           | SCAPA                                                     | -    | X      | 1550N                   | 06730W | 832           | G431                                 | O/P                       |
| UG432                 | Miami Oceanic              | ELKAS                                                     | -    | X      | 2728N                   | 07319W | -             | G431/B646/UB646                      | O/P                       |
|                       | San Juan                   | GRANN                                                     | -    | X      | 2330N                   | 06548W | -             | G432                                 | O/P                       |
| UG434                 | Panama                     | TIMRO                                                     | -    | X      | 1148N                   | 07842W | 198           | A552/UA552/G434                      | O/P                       |
|                       | Panama/Kingston            | KASOR                                                     | -    | X      | 1500N                   | 07747W | -             | G434                                 | O/P                       |
| UG435                 | Panama/Kingston            | ARNAL                                                     | -    | X      | 1500N                   | 08037W | -             | G435                                 | O/P                       |
| UG436                 | Guayaquil/Central American | LIXAS                                                     | -    | X      | 0125N                   | 08256W | 441           |                                      | O/P                       |
| UG437                 | Lima/Guayaquil             | PADOX                                                     | -    | X      | 0450S                   | 07923W | 735           |                                      | O/P                       |
|                       | Bogota/Panama              | UKLOS                                                     | -    | X      | 0516N                   | 07936W | -             | G437                                 | O/P                       |
|                       | Panama                     | KORPU                                                     | -    | X      | 0717N                   | 07934W | 465           | G437                                 | O/P                       |
|                       | Panama/Kingston            | DUXUN                                                     | -    | X      | 1500N                   | 07915W | 460           | G437                                 | O/P                       |
|                       | Habana                     | AVILA                                                     | UCA  | VDN    | 2200N                   | 07848W | -             | G437/A301/UA301/G430/UG430           |                           |
| UG439                 | Bogota/Panama              | TILSO                                                     | -    | X      | 0432N                   | 08146W | -             | G439                                 | O/P                       |
|                       | Central American           | PULGO                                                     | -    | X      | 0758N                   | 08354W | -             | G439                                 | O/P                       |

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|-----------------------|-------------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|-----------------------------------------------------------------------|---------------------------|
|                       |                         | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                       |                           |
| 1                     | 2                       | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                     | 10                        |
| UG442                 | Curacao                 | LIDOL                                                     | -    | X      | 1504N                   | 07312W     | -             | A319/G442/UA319/UG444                                                 | O/P                       |
| UG443                 | Georgetown              | TIMEHRY                                                   | TIM  | VDN    | 0629N                   | 05816W     | -             | UA312                                                                 |                           |
|                       | Paramaribo/Rochambeau   | MIKOK                                                     | -    | X      | 0515N                   | 05418W     | -             |                                                                       |                           |
| UG444                 | Port-au-Prince/Curacao  | LENOM                                                     | -    | X      | 1700N                   | 07240W     | 180           |                                                                       | O/P                       |
|                       | Curacao                 | LIDOL                                                     | -    | X      | 1504N                   | 07312W     | -             | A319/G442/UA319/UG442                                                 | O/P                       |
| UG445                 | Panama/Barranquilla     | AGUJA                                                     | -    | X      | 1059N                   | 07725W     | -             | A319/UA319/G445                                                       | O/P                       |
| UG446                 | Santo Domingo/Curaçao   | KARUM                                                     | -    | Z      | 1600N                   | 06924W     | -             | G446                                                                  | O/P                       |
| UG447                 | Panama                  | SEKMA                                                     | -    | X      | 1025N                   | 07950W     | -             |                                                                       | O/P                       |
| UG448                 | Panama/Kingston         | LEVOR                                                     | -    | X      | 1500N                   | 08135W     | -             | G448                                                                  |                           |
|                       | Habana                  | CAYO LARGO SUR                                            | UCL  | VDN    | 2136N                   | 08131W     | -             | G448                                                                  | O/P                       |
| UG449                 | Amazônica               | BELÉM                                                     | BEL  | VDN    | 01 23.06S               | 048 28.72W | 242           | A555 A566 G443 G449 G677 W4 W9 W27 UA555<br>UW5 UW6 UW33 UZ3 UZ7 UZ26 |                           |
|                       | Amazônica               | SINOL                                                     | ---- | X      | 01 30.24N               | 051 18.20W | 100           |                                                                       |                           |
|                       | Amazônica / Rochambeau  | OTONI                                                     | ---- | X      | 02 39.98S               | 052 30.03W | 412           |                                                                       |                           |
|                       | Rochambeau/Paramaribo   | VILAS                                                     | -    | X      | 0440N                   | 05426W     | -             |                                                                       |                           |
|                       | Georgetown              | IBERT                                                     | -    | X      | 0723N                   | 05730W     | -             | G449                                                                  |                           |
| UG550                 | C. Rivadavia/Pto. Montt | BALMACEDA                                                 | BAL  | VDN    | 4555S                   | 07143W     | -             | G675                                                                  |                           |
| UG551                 | Punta Arenas            | ISLOTE SAN PEDRO                                          | ISP  | VDN    | 4743S                   | 07455W     | 520           |                                                                       |                           |
|                       | Santiago                | CHILLAN                                                   | CHI  | VDN    | 3635S                   | 07202W     | 391           | UR683                                                                 |                           |

| ATS Route<br>Ruta ATS | FIR/UIR                 | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS    | Remarks/<br>Observaciones |
|-----------------------|-------------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|-----------------------------------------|---------------------------|
|                       |                         | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                         |                           |
| 1                     | 2                       | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                       | 10                        |
| UG633                 | Kingston/Port-au-Prince | BENET                                                     | -    | X      | 1815N                   | 07440W     | 159           | G633                                    | O/P                       |
| <b>UG680</b>          | Curitiba                | BAGÉ                                                      | BGE  | VN     | 31 23.44S               | 054 06.59W | ----          | A310 A314 G680 UA314 UM788 UN741        |                           |
| UL201                 | Bogotá / Amazônica      | MITU                                                      | MTU  | VDN    | 01 15.88N               | 070 12.83W | 273           | UA317 UM782                             |                           |
|                       | Amazônica               | CLOTI                                                     | ---- | X      | 02 07.43S               | 067 10.09W | 130           | UL309                                   |                           |
|                       | Amazônica               | NAFTA                                                     | ---- | X      | 03 43.33S               | 065 42.51W | 192           | UL216                                   |                           |
|                       | Amazônica               | PERSA                                                     | ---- | X      | 06 04.34S               | 063 32.05W | 189           | UW17                                    |                           |
|                       | Amazônica               | BARGE                                                     | ---- | X      | 08 22.21S               | 061 21.28W | 178           | UA316                                   |                           |
|                       | Amazônica               | ARPAR                                                     | ---- | X      | 10 30.90S               | 059 17.18W | 190           | UM402                                   |                           |
|                       | Amazônica / Brasília    | CANON                                                     | ---- | X      | 12 48.32S               | 057 03.23W | 383           |                                         |                           |
|                       | Brasília                | PROTE                                                     | ---- | X      | 17 22.70S               | 052 24.09W | 159           | UZ21                                    |                           |
|                       | Brasília                | DENSE                                                     | ---- | X      | 19 14.00S               | 050 25.08W | 125           | UB688 UB695                             |                           |
|                       | Brasília                | ASTOB                                                     | ---- | X      | 20 40.80S               | 048 49.39W | 114           | UW6 UZ5                                 |                           |
|                       | Brasília                | PIRAÇUNUNGA                                               | PSN  | VD     | 21 59.07S               | 047 20.65W | ----          | UL795 UN741 UW1 UW9 UW48 UW54 UZ22      |                           |
| UL206                 | Brasília                | VITÓRIA                                                   | VTR  | VDN    | 20 14.98S               | 040 16.98W | 131           | G677 W6 W11 UL327 UL330 UL335 UW12 UW50 |                           |
|                       | Brasília / Recife       | CALVO                                                     | ---- | X      | 18 25.73S               | 039 00.75W | 33            |                                         | O/P                       |
|                       | Recife                  | ABROLHOS                                                  | AV   | N      | 17 57.87S               | 038 41.63W | 185           |                                         | O/P                       |
|                       | Recife                  | DEMON                                                     | ---- | X      | 15 23.60S               | 036 54.85W | 271           |                                         | O/P                       |
|                       | Recife                  | GIANT                                                     | ---  | X      | 11 35.71S               | 034 21.83W | 202           |                                         | O/P                       |
|                       | Recife                  | FLUTE                                                     | ---- | X      | 08 45.08S               | 032 30.59W | 181           |                                         | O/P                       |

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|-----------------------|---------------------------------|-----------------------------------------------------------|-------|--------|-------------------------|------------|---------------|--------------------------------------|---------------------------|
|                       |                                 | Name/Nombre                                               | Cod.  |        | Lat.                    | Long.      |               |                                      |                           |
| 1                     | 2                               | 3                                                         | 4     | 5      | 6                       | 7          | 8             | 9                                    | 10                        |
| UL211F                | Recife                          | NEMOL                                                     | ----  | X      | 06 11.25S               | 030 52.12W | 182           | UR551                                | O/P                       |
|                       | Recife                          | BUGAT                                                     | ----  | X      | 03 37.15S               | 02914.59W  | 40            |                                      | O/P                       |
|                       | Recife / Atlântica              | REGIS                                                     | ----- | X      | 03 03.54S               | 028 53.44W | 176           |                                      | O/P                       |
|                       | Atlântica                       | ARUNU                                                     | ----  | X      | 00 34.35S               | 027 19.68W | 22            | UL375                                | O/P                       |
|                       | Atlântica                       | BUTAP                                                     | ----  | X      | 00 15.83S               | 027 08.22W | 104           | UL695                                | O/P                       |
|                       | Atlântica / Dacar               | KODOS                                                     | ----  | X      | 01 12.18N               | 026 13.02W | ----          |                                      | O/P                       |
|                       | Ezeiza                          | ANKOK                                                     | -     | X      | 3815S                   | 05100W     | 303           |                                      | O/P                       |
|                       | Ezeiza                          | KILOS                                                     | -     | X      | 4015S                   | 04500W     | 687           |                                      | O/P                       |
|                       | Ezeiza                          | KETIS                                                     | -     | X      | 4014S                   | 03000W     | 458           |                                      | O/P                       |
|                       | Ezeiza                          | MORSI                                                     | -     | X      | 4015S                   | 02000W     | 457           |                                      | O/P                       |
|                       | Ezeiza/Johannesburgo<br>Oceanic | MUNES                                                     | -     | X      | 4020S                   | 01000W     | -             |                                      | O/P                       |
| UL216                 | Amazônica                       | PORTO VELHO                                               | PVH   | VDN    | 08 42.83S               | 063 54.19W | 316           | W3 W10 UW3 UW10                      |                           |
|                       | Amazônica                       | NAFTA                                                     | ----  | X      | 03 43.33S               | 065 42.51W | 105           | UL201                                |                           |
|                       | Amazônica                       | GROSP                                                     | ----  | X      | 02 04.06S               | 066 18.04W | 122           | UA317                                |                           |
|                       | Amazônica                       | GABRIEL                                                   | SGC   | VDN    | 00 09.04S               | 066 59.11W | 121           | W12 W25 UA323 UL309                  |                           |
|                       | Amazônica                       | ZORRO                                                     | ----  | X      | 01 51.80N               | 067 12.11W | ----          | UL309                                |                           |
| UL224                 | Brasília                        | MARICA                                                    | MRC   | VD     | 22 58.06S               | 042 53.49W | 160           | G677 G678 UA314 UN857 UW50           |                           |
|                       | Brasília / Atlântica            | CIDER                                                     | ---   | X      | 24 07.83S               | 040 16.38W | 602           |                                      | O/P                       |
|                       | Atlântica                       | KABUK                                                     | ----  | X      | 28 03.92S               | 030 00.00W | 279           |                                      | O/P                       |

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|                       |                                  | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                      |                           |
| 1                     | 2                                | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                    | 10                        |
| <b>UL300</b>          | Atlântica                        | UDOGA                                                     | ---- | X      | 29 37.28S               | 025 00.00W | 272           |                                      | O/P                       |
|                       | Atlântica                        | OPERA                                                     | ---- | X      | 30 56.87S               | 020 00.00W | 265           |                                      | O/P                       |
|                       | Atlântica                        | KIMOK                                                     | ---- | X      | 32 03.00S               | 015 00.00W | 259           |                                      | O/P                       |
|                       | Atlântica / Johannesburg Oceanic | ITGIV                                                     | ---- | X      | 32 56.00S               | 010 00.00W | ----          |                                      | O/P                       |
|                       | Lima / Amazônica                 | OSORA                                                     | ---- | X      | 05 42.97S               | 072 56.56W | 112           |                                      |                           |
|                       | Amazônica                        | CEIRO                                                     | ---- | X      | 07 33.80S               | 072 34.61W | 119           |                                      |                           |
|                       | Amazônica / Lima                 | SELVA                                                     | ---- | X      | 09 31.32S               | 072 11.14W | ----          | UL306                                |                           |
|                       | Brasília / Curitiba              | CONGONHAS                                                 | CGO  | VD     | 23 37.65S               | 046 39.28W | 204           | UL310 UM788 UM792 UW24 UW63 UW66     |                           |
|                       | Curitiba                         | RABAN                                                     | ---- | X      | 24 17.34S               | 050 28.18W | 234           | UM654                                |                           |
|                       | Curitiba / Assunção              | BOLIR                                                     | ---- | X      | 24 52.86S               | 054 31.63W | ----          | UB554                                |                           |
| UL302                 | Lima/Antofagasta                 | IREMI                                                     | -    | X      | 1821S                   | 07524W     | 354           | G675                                 | O/P                       |
|                       | Antofagasta                      | ELASA                                                     | -    | X      | 2400S                   | 07337W     | 220           |                                      | O/P                       |
|                       | Antofagasta                      | ATEDA                                                     | --   | X      | 2732S                   | 07226W     | -             | G675                                 | O/P                       |
| UL304                 | Maiquetia / Amazônica            | ISANI                                                     | ---- | X      | 04 14.98N               | 061 35.53W | 100           |                                      |                           |
|                       | Amazônica                        | BOA VISTA                                                 | BVI  | VDN    | 02 51.13N               | 060 14.22W | 397           | B681 G678 UA300 UB681 UZ23           |                           |
|                       | Amazônica                        | TEPIM                                                     | ---- | X      | 02 41.07S               | 057 02.05W | 181           | UW33                                 |                           |
|                       | Amazônica                        | DARLO                                                     | ---- | X      | 05 12.53S               | 055 22.12W | 356           |                                      |                           |
|                       | Amazônica / Brasília             | TESAL                                                     | ---- | X      | 10 09.67S               | 052 02.05W | 414           |                                      |                           |
|                       | Brasília                         | BRASÍLIA                                                  | BRS  | VDN    | 15 52.42S               | 048 01.28W | ----          | G449 G678 W2 W10 W49 W50 W56 UA317   |                           |
|                       |                                  |                                                           |      |        |                         |            |               |                                      |                           |

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|                       |                            | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                            |                           |
| 1                     | 2                          | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                          | 10                        |
| UL306                 | Lima / Amazônica           | SELVA                                                     | ---- | X      | 09 31.32S               | 072 11.14W | 111           | UB688 UB695 UL776 UW1 UW2 UW6 UW10<br>UW11 UW12 UW43 UW55 UZ2 UZ5 UZ6 UZ24<br>UZ25 UZ26    |                           |
|                       | Amazônica                  | PANOL                                                     | ---- | X      | 08 39.63S               | 070 31.70W | 132           | W10 UW10                                                                                   |                           |
|                       | Amazônica                  | ARTIK                                                     | ---- | X      | 07 37.53S               | 068 33.99W | 261           | UL417                                                                                      |                           |
|                       | Amazônica                  | JOUST                                                     | ---- | X      | 05 33.23S               | 064 42.73W | 112           | UM782                                                                                      |                           |
|                       | Amazônica                  | SALSA                                                     | ---- | X      | 04 39.42S               | 063 04.14W | 201           | UA317                                                                                      |                           |
|                       | Amazônica                  | MANAUS                                                    | MAN  | VD     | 03 02.20S               | 060 07.50W | 180           | A566 G678 W3 W12 W27 UA300 UA315 UA316<br>UA323 UA566 UM402 UR640 UW3 UW9 UW17<br>UW33 UZ6 |                           |
|                       | Amazônica                  | INPUT                                                     | ---- | X      | 00 54.37S               | 058 01.34W | 61            | UZ23                                                                                       |                           |
|                       | Amazônica                  | ROGIN                                                     | ---- | X      | 00 11.04S               | 057 18.64W | 223           | UB681                                                                                      |                           |
|                       | Amazônica / Paramaribo     | SIROS                                                     | ---- | X      | 02 28.28N               | 054 41.53W | ----          |                                                                                            |                           |
|                       | Rochambeau/Paramaribo      | DIMAS                                                     | -    | X      | 0255N                   | 05410W     | -             |                                                                                            |                           |
| UL308                 | Guayaquil/Central American | UGADI                                                     | -    | X      | 0125N                   | 08615W     | 866           |                                                                                            | O/P                       |
|                       | Central American/Mexico    | ANREX                                                     | -    | X      | 1320N                   | 09428W     |               |                                                                                            | O/P                       |
| UL309                 | Antofagasta                | PABOS                                                     | -    | X      | 2030S                   | 06389W     | 425           |                                                                                            |                           |
|                       | Antofagasta/La Paz         | EMPEX                                                     | -    | X      | 2731S                   | 06946W     | -             |                                                                                            |                           |
|                       | Amazônica                  | BRANCO                                                    | RBC  | VDN    | 09 52.31S               | 067 53.72W | 274           | A301 A430 A685 W10 UA301 UA321 UB554<br>UL417 UR550 UR558 UW10 UW17                        |                           |

| ATS Route<br>Ruta ATS | FIR/UIR                    | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |             | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                        | Remarks/<br>Observaciones |
|-----------------------|----------------------------|-----------------------------------------------------------|------|--------|-------------------------|-------------|---------------|-------------------------------------------------------------|---------------------------|
|                       |                            | Name/Nombre                                               | Cod. |        | Lat.                    | Long.       |               |                                                             |                           |
| 1                     | 2                          | 3                                                         | 4    | 5      | 6                       | 7           | 8             | 9                                                           | 10                        |
| UL310                 | Amazônica                  | JURIS                                                     | ---- | X      | 05 18.06S               | 067 27.83W  | 190           | UL655                                                       |                           |
|                       | Amazônica                  | CLOTI                                                     | ---- | X      | 02 07.43S               | 037 10.09W  | 119           | UL201                                                       |                           |
|                       | Amazônica                  | GABRIEL                                                   | SGC  | VDN    | 00 09.04S               | 066 59.11W  | 121           | W12 W25 UA323 UL216                                         |                           |
|                       | Amazônica / Bogotá         | ZORRO                                                     | ---- | X      | 01 51.80N               | 067 12.11W  | ----          | UL216                                                       |                           |
|                       | Brasília / Curitiba        | CONGONHAS                                                 | CGO  | VD     | 23 37.65S               | 046 39.28W  | 290           | UL301 UM788 UM792 UW24 UW63 UW66                            |                           |
|                       | Curitiba                   | ILBEK                                                     | ---- | X      | 25 40.59S               | 051 27.47W  | 136           | UM654 UW8                                                   |                           |
|                       | Curitiba / Resistência     | GEBUN                                                     | ---- | X      | 26 34.67S               | 053 46.76W  | ----          | R563 UR563                                                  |                           |
| UL312                 | Central America/Guayaquil  | LOGAL                                                     | -    | X      | 0125N                   | 08855W      | 594           |                                                             | O/P                       |
|                       | Central American/Guayaquil |                                                           | -    | X      | 0852N                   | 09531W      | -             |                                                             | O/P                       |
|                       | Lima/Antofagasta           | MUDAR                                                     | -    | X      | 1821S                   | 07545W      | 356           |                                                             | O/P                       |
|                       | Antofagasta                | DETIK                                                     | -    | X      | 2405S                   | 07409W      | 223           |                                                             | O/P                       |
|                       | Antofagasta                | RELON                                                     | -    | X      | 2741S                   | 07303W      | 171           |                                                             | O/P                       |
|                       | Santiago                   | GATUR                                                     | -    | X      | 3026S                   | 07213W      | -             |                                                             | O/P                       |
| UL318                 | Central American           | EBDEL                                                     | -    | X      | 1004N                   | 08822W      | -             |                                                             | O/P                       |
| UL324                 | Curitiba / Resistência     | FOZ                                                       | FOZ  | VD     | 25 35.00S               | 054 30.21 W | 159           | A431 R563 W13 UA307 UB554 UB688 UR563<br>UW8 UW48 UW66 UZ18 |                           |
|                       | Resistência / Curitiba     | ELAMO                                                     | ---- | X      | 28 05.77S               | 055 27.86W  | 146           |                                                             |                           |
|                       | Curitiba / Montevideo      | CUARA                                                     | ---- | X      | 30 22.18S               | 056 26.99W  | ----          |                                                             |                           |
|                       | Montevideo                 | DAYMA                                                     | -    | X      | 3147S                   | 05705W      | -             | UA556                                                       |                           |

| ATS Route<br>Ruta ATS | FIR/UIR              | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                              | Remarks/<br>Observaciones |
|-----------------------|----------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|-------------------------------------------------------------------|---------------------------|
|                       |                      | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                   |                           |
| 1                     | 2                    | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                 | 10                        |
| UL327                 | Brasília             | PORTO                                                     | PCX  | VD     | 22 42.92S               | 042 51.45W | 206           | B691 W6 W50 W55 UA312 UA314 UL340 UW11<br>UW63 UW65 UZ1 UZ10 UZ28 |                           |
|                       | Brasília             | VITÓRIA                                                   | VTR  | VDN    | 20 14.98S               | 040 16.98W | 149           | G677 W6 W11 UL206 UL330 UL335 UW12 UW50                           |                           |
|                       | Brasília / Atlântica | PORGA                                                     | ---- | X      | 18 40.76S               | 038 14.57W | 372           |                                                                   | O/P                       |
|                       | Atlântica            | GUSOD                                                     | ---- | X      | 14 39.96S               | 033 18.18W | 343           |                                                                   | O/P                       |
|                       | Atlântica            | ONSEK                                                     | ---- | X      | 10 52.47S               | 028 54.52W | 343           |                                                                   | O/P                       |
|                       | Atlântica            | VADAD                                                     | ---- | X      | 07 01.24S               | 024 37.49W | 174           |                                                                   | O/P                       |
|                       | Atlântica            | ETIMO                                                     | ---- | X      | 05 02.69S               | 022 28.52W | 107           | UL375                                                             | O/P                       |
|                       | Atlântica            | ASANU                                                     | ---- | X      | 03 49.78S               | 021 10.35W | 62            | UL695                                                             | O/P                       |
|                       | Atlântica / Dacar    | SERIM                                                     | ---- | X      | 03 07.45S               | 020 24.45W | ----          |                                                                   | O/P                       |
| UL330                 | Brasília             | VITÓRIA                                                   | VTR  | VDN    | 20 14.98S               | 040 16.98W | 141           | G677 W6 W11 UL206 UL327 UL335 UW12 UW50                           |                           |
|                       | Brasília / Atlântica | POLVO                                                     | ---- | X      | 18 35.37S               | 038 31.24W | 369           |                                                                   | O/P                       |
|                       | Atlântica            | DESEX                                                     | ---- | X      | 14 09.78S               | 034 03.13W | 340           |                                                                   | O/P                       |
|                       | Atlântica            | EMTUP                                                     | ---- | X      | 10 00.87S               | 030 05.44W | 340           |                                                                   | O/P                       |
|                       | Atlântica            | BILUX                                                     | ---- | X      | 05 49.14S               | 026 13.76W | 186           |                                                                   | O/P                       |
|                       | Atlântica            | UDIGA                                                     | ---- | X      | 03 30.77S               | 024 08.69W | 76            | UL375                                                             | O/P                       |
|                       | Atlântica            | EGUPA                                                     | ---- | X      | 02 33.73S               | 023 17.70W | 76            | UL695                                                             | O/P                       |
|                       | Atlântica / Dacar    | ASDOK                                                     | ---- | X      | 01 36.82S               | 022 26.42W | ----          |                                                                   | O/P                       |
|                       | Brasília             | VITÓRIA                                                   | VTR  | VDN    | 20 14.98S               | 040 16.98W | 170           | G677 W6 W11 UL206 UL327 UL330 UW12 UW50                           |                           |

| ATS Route<br>Ruta ATS | FIR/UIR                 | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                              | Remarks/<br>Observaciones |
|-----------------------|-------------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|-------------------------------------------------------------------|---------------------------|
|                       |                         | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                   |                           |
| 1                     | 2                       | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                 | 10                        |
| UL340                 | Brasília / Atlântica    | GARUP                                                     | ---- | X      | 18 51.77S               | 037 40.37W | 382           |                                                                   | O/P                       |
|                       | Atlântica               | VODSA                                                     | ---- | X      | 15 36.33S               | 031 56.29W | 357           |                                                                   | O/P                       |
|                       | Atlântica               | TURAB                                                     | ---- | X      | 12 25.99S               | 026 45.02W | 357           |                                                                   | O/P                       |
|                       | Atlântica               | MELEM                                                     | ---- | X      | 09 09.80S               | 021 41.32W | 155           |                                                                   | O/P                       |
|                       | Atlântica               | ISUPA                                                     | ---- | X      | 07 43.15S               | 019 31.69W | 164           | UL375                                                             | O/P                       |
|                       | Atlântica               | DAGAM                                                     | ---- | X      | 06 10.68S               | 017 14.88W | 37            | UL695                                                             | O/P                       |
|                       | Atlântica / Dacar       | AKRAN                                                     | ---- | X      | 05 49.96S               | 016 44.01W | ----          |                                                                   | O/P                       |
|                       | Brasília                | PORTO                                                     | PCX  | VD     | 22 42.92S               | 042 51.45W | 262           | B691 W6 W50 W55 UA312 UA314 UL327 UW11<br>UW63 UW65 UZ1 UZ10 UZ28 |                           |
|                       | Brasília / Atlântica    | EKALO                                                     | ---- | X      | 22 26.03S               | 038 08.83W | 176           |                                                                   | O/P                       |
|                       | Atlântica               | PILOT                                                     | ---- | X      | 22 10.03S               | 035 00.02W | 281           |                                                                   | O/P                       |
| UL344                 | Atlântica               | ATASA                                                     | ---- | X      | 21 33.03S               | 030 00.02W | 284           |                                                                   | O/P                       |
|                       | Atlântica               | ALGAL                                                     | ---- | X      | 19 51.03S               | 020 00.00W | 287           |                                                                   | O/P                       |
|                       | Atlântica               | GATUM                                                     | ---- | X      | 18 44.03S               | 015 00.00W | 291           |                                                                   | O/P                       |
|                       | Atlântica / Luanda      | ILGER                                                     | ---- | X      | 17 27.03S               | 010 00.00W | 296           |                                                                   | O/P                       |
|                       | Lima                    | VALEM                                                     | -    | X      | 0708S                   | 08044W     | 639           |                                                                   | O/P                       |
|                       | Guayaquil/C. American   | ARTOM                                                     | -    | X      | 0125N                   | 08729W     | 852           |                                                                   | O/P                       |
| UL348                 | Central American/Mexico | NOTOS                                                     | -    | X      | 1237N                   | 09617W     | -             |                                                                   | O/P                       |
|                       | Santiago                | ROBIK                                                     | -    | X      | 3337S                   | 07900W     | 563           | G224                                                              | O/P                       |
|                       | Santiago/I. de Pascua   | CARPA                                                     | -    | X      | 3200S                   | 0900W      | 531           | G224                                                              | O/P                       |

| ATS Route<br>Ruta ATS | FIR/UIR                   | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS | Remarks/<br>Observaciones |
|-----------------------|---------------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|--------------------------------------|---------------------------|
|                       |                           | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                      |                           |
| 1                     | 2                         | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                    | 10                        |
| UL349                 | Isla de Pascua            | GAMBA                                                     | -    | X      | 2950S                   | 10000W     | 1096          | G224                                 | O/P                       |
|                       | I. de Pascua/Tahiti       | SAURI                                                     | -    | X      | 2545S                   | 12000W     | -             | G224                                 | O/P                       |
|                       | Maiquetia/Barranquilla    | ORTIZ                                                     | -    | X      | 1046N                   | 07242W     | 366           |                                      |                           |
|                       | Panama                    | TIMRO                                                     | -    | X      | 1148N                   | 07842W     | 262           | A552/G434/UG434                      | O/P                       |
| UL375                 | Rochambeau / Atlântica    | UKEDI                                                     | ---- | X      | 06 33.30N               | 037 04.60W | 57            |                                      | O/P                       |
|                       | Atlântica                 | EGIMI                                                     | ---- | X      | 06 00.00N               | 036 20.00W | 158           | UL695                                | O/P                       |
|                       | Atlântica                 | DIKEB                                                     | ---- | X      | 04 29.87N               | 034 09.29W | 112           | UL695 UN741                          | O/P                       |
|                       | Atlântica                 | OBKUT                                                     | ---- | X      | 03 25.83N               | 032 37.10W | 124           | UL695 UN866                          | O/P                       |
|                       | Atlântica                 | ORARO                                                     | ---- | X      | 02 14.83N               | 030 55.37W | 68            | UL695 UN873                          | O/P                       |
|                       | Atlântica                 | BODAK                                                     | ---- | X      | 01 35.92N               | 029 59.78W | 21            | UB623 UL695                          | O/P                       |
|                       | Atlântica                 | NOISE                                                     | ---- | X      | 01 23.67N               | 029 42.55W | 76            | UL695 UN857                          | O/P                       |
|                       | Atlântica                 | DIGOR                                                     | ---- | X      | 00 40.00N               | 028 40.00W | 109           | UL695                                | O/P                       |
|                       | Atlântica                 | ARUNU                                                     | ---- | X      | 00 34.35S               | 027 19.68W | 260           | UL206                                | O/P                       |
|                       | Atlântica                 | UDIGA                                                     | ---- | X      | 03 30.77S               | 024 08.69W | 136           | UL330                                | O/P                       |
|                       | Atlântica                 | ETIMO                                                     | ---- | X      | 05 02.69S               | 022 28.52W | 238           | UL327                                | O/P                       |
|                       | Atlântica                 | ISUPA                                                     | ---- | X      | 07 43.15S               | 019 31.69W | 344           | UL335                                | O/P                       |
|                       | Atlântica                 | LOKIM                                                     | ---- | X      | 11 20.00S               | 015 00.00W | 398           |                                      | O/P                       |
|                       | Atlântica                 | ETAXO                                                     | ---- | X      | 15 51.40S               | 010 00.00W | ----          |                                      | O/P                       |
| UL401                 | Guayaquil/Central America | OSELO                                                     | -    | X      | 0125N                   | 08952W     | -             |                                      | O/P                       |

| ATS Route<br>Ruta ATS | FIR/UIR               | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                | Remarks/<br>Observaciones |
|-----------------------|-----------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|---------------------------------------------------------------------|---------------------------|
|                       |                       | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                     |                           |
| 1                     | 2                     | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                   | 10                        |
| UL417                 | Lima/Antofagasta      | ESDIN                                                     | -    | X      | 1821S                   | 08012W     | 434           |                                                                     | O/P                       |
|                       | Antofagasta           | JURAK                                                     | -    | X      | 2447S                   | 07637W     | 253           |                                                                     | O/P                       |
|                       | Antofagasta/Santiago  | ANPUK                                                     | -    | X      | 2830S                   | 07424W     | -             |                                                                     | O/P                       |
|                       | Córdoba/Monte Quemado | CERES                                                     | ERE  | VD     | 2952S                   | 06152W     | 253           | UA307/UA558/UB686/UA303/UA307                                       |                           |
|                       |                       |                                                           | MTQ  | V      | 2545S                   | 05252W     |               |                                                                     |                           |
|                       | Bogotá / Amazônica    | ARUXA                                                     | ---- | X      | 03 28.94S               | 069 47.70W | 258           | UL306                                                               |                           |
|                       | Amazônica             | ARTIK                                                     | ---- | X      | 07 37.53S               | 068 33.99W | 140           |                                                                     |                           |
|                       | Amazônica             | BRANCO                                                    | RBC  | VDN    | 09 52.31S               | 067 53.72W | ----          | A301 A430 A685 W10 UA301 UA321 UB554<br>UL309 UR550 UR558 UW10 UW17 |                           |
| UL550                 | Antofagasta/Córdoba   | KONRI                                                     | -    | X      | 2407S                   | 06732W     | -             | UA303                                                               |                           |
| UL650                 | Antofagasta/Córdoba   | GEKAL                                                     | -    | X      | 2747S                   | 06905W     | -             |                                                                     |                           |
| UL655                 | Bogotá / Amazônica    | ASAPA                                                     | ---- | X      | 03 01.26S               | 069 42.86W | 191           |                                                                     |                           |
|                       | Amazônica             | JURIS                                                     | ---- | X      | 05 18.06S               | 067 27.83W | 190           | UL309                                                               |                           |
|                       | Amazônica             | MASON                                                     | ---- | X      | 07 33.35S               | 065 13.27W | 276           | UW17                                                                |                           |
|                       | Amazônica             | REDON                                                     | ---- | X      | 10 49.17S               | 061 54.55W | 303           | UA316 UW10                                                          |                           |
|                       | Amazônica / Brasília  | ISENA                                                     | ---- | X      | 14 22.01S               | 058 12.01W | 244           |                                                                     |                           |
|                       | Brasília              | ESTER                                                     | ---- | X      | 17 10.70S               | 055 07.88W | 179           | UM799                                                               |                           |
|                       | Brasília              | LIVER                                                     | ---- | X      | 19 12.47S               | 052 49.47W | 279           | UW29                                                                |                           |
|                       | Brasília              | BAURU                                                     | BRU  | N      | 22 18.84S               | 049 06.43W | ----          | A304 W7 W13 W51 W58 UM654 UM782 UW6                                 |                           |

| ATS Route<br>Ruta ATS | FIR/UIR                   | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                          | Remarks/<br>Observaciones |
|-----------------------|---------------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                       |                           | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                                                               |                           |
| 1                     | 2                         | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                                                             | 10                        |
| <b>UL695</b>          | Rochambeau / Atlântica    | ARUSI                                                     | ---- | X      | 06 25.00N               | 037 20.00W | 65            | UW45 UW48 UW53 UW62 UZ5 UZ21                                                                                                  | O/P                       |
|                       | Atlântica                 | EGIMI                                                     | ---- | X      | 06 00.00N               | 036 20.00W | 158           | UL375                                                                                                                         | O/P                       |
|                       | Atlântica                 | DIKEB                                                     | ---- | X      | 04 29.87N               | 034 09.29W | 112           | UL375 UN741                                                                                                                   | O/P                       |
|                       | Atlântica                 | OBKUT                                                     | ---- | X      | 03 25.83N               | 032 37.10W | 124           | UL375 UN866                                                                                                                   | O/P                       |
|                       | Atlântica                 | ORARO                                                     | ---- | X      | 02 14.83N               | 030 55.37W | 68            | UL375 UN873                                                                                                                   | O/P                       |
|                       | Atlântica                 | BODAK                                                     | ---- | X      | 01 35.92N               | 029 59.78W | 21            | UB623 UL375                                                                                                                   | O/P                       |
|                       | Atlântica                 | NOISE                                                     | ---- | X      | 01 23.67N               | 029 42.55W | 76            | UL375 UN857                                                                                                                   | O/P                       |
|                       | Atlântica                 | DIGOR                                                     | ---- | X      | 00 40.00N               | 028 40.00W | 107           | UL375                                                                                                                         | O/P                       |
|                       | Atlântica                 | BUTAP                                                     | ---- | X      | 00 15.83S               | 027 08.22W | 269           | UL206                                                                                                                         | O/P                       |
|                       | Atlântica                 | EGUPA                                                     | ---- | X      | 02 33.73S               | 023 17.70W | 148           | UL330                                                                                                                         | O/P                       |
|                       | Atlântica                 | ASANU                                                     | ---- | X      | 03 49.78S               | 021 10.35W | 274           | UL327                                                                                                                         | O/P                       |
|                       | Atlântica                 | DAGAM                                                     | ---- | X      | 06 10.68S               | 017 14.88W | 201           | UL335                                                                                                                         | O/P                       |
|                       | Atlântica                 | FHAW                                                      | ---- | X      | 07 58.20S               | 014 23.60W | ----          |                                                                                                                               | O/P                       |
| UL775                 | Puerto Montt/C. Rivadavia | PABAL                                                     | -    | X      | 4236S                   | 07206W     | -             |                                                                                                                               |                           |
| <b>UL776</b>          | Brasília                  | BRASÍLIA                                                  | BRS  | VDN    | 15 52.43S               | 048 01.28W | 197           | G449 G678 W2 W10 W49 W50 W56 UA317<br>UB688 UB695 UL304 UW1 UW2 UW6 UW10<br>UW11 UW12 UW43 UW55 UZ2 UZ5 UZ6 UZ24<br>UZ25 UZ26 |                           |
|                       | Brasília                  | CHORD                                                     | ---- | X      | 12 15.82S               | 049 23.97W | 124           | UZ23                                                                                                                          |                           |

| ATS Route<br>Ruta ATS | FIR/UIR                | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS | Remarks/<br>Observaciones |
|-----------------------|------------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|--------------------------------------|---------------------------|
|                       |                        | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                      |                           |
| 1                     | 2                      | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                    | 10                        |
| <b>UL793</b>          | Brasília               | RONAL                                                     | ---- | X      | 10 57.99S               | 050 14.95W | 858           | UM799                                |                           |
|                       | Amazônica              | TIRIÓS                                                    | TIR  | N      | 02 13.14N               | 055 56.51W | ----          | W23 UZ13                             |                           |
|                       | Maiquetia / Amazônica  | UGAGA                                                     | ---- | X      | 00 48.70N               | 065 42.00W | 101           |                                      |                           |
|                       | Amazônica              | AKNOV                                                     | ---- | X      | 00 50.55S               | 065 20.78W | 156           | UA323                                |                           |
|                       | Amazônica              | TEFÉ                                                      | TFE  | VDN    | 03 23.27S               | 064 43.68W | 590           | A566 B552 W25 UA317 UA566            |                           |
| <b>UL795</b>          | Amazônica / La Paz     | UDIDI                                                     | ---- | X      | 13 02.60S               | 062 37.40W | ----          |                                      |                           |
|                       | Maiquetia / Amazônica  | VUMPI                                                     | ---- | X      | 01 59.40N               | 063 56.90W | 179           | UZ21                                 |                           |
|                       | Amazônica              | TANGO                                                     | ---- | X      | 00 30.47S               | 062 18.49W | 435           | UR640 UZ6                            |                           |
|                       | Amazônica              | UGEMU                                                     | ---- | X      | 06 35.37S               | 058 18.37W | 236           |                                      |                           |
|                       | Amazônica              | ALTA FLORESTA                                             | ATF  | VDN    | 09 52.10S               | 056 06.30W | 161           | G678 W47 UA315 UA317 UW9 UW28        |                           |
| <b>UM400</b>          | Amazônica / Brasília   | RONIL                                                     | ---- | X      | 12 10.68S               | 054 41.88W | 257           | UW9                                  |                           |
|                       | Brasília               | GARÇAS                                                    | BAG  | VDN    | 15 51.21S               | 053 23.74W | 148           | W10 UW9 UW53                         |                           |
|                       | Brasília               | NEFAR                                                     | ---- | X      | 17 48.43S               | 050 50.23W | 319           | UW9 UW29                             |                           |
|                       | Brasília               | PIRAÇUNUNGA                                               | PSN  | VD     | 21 59.07S               | 047 20.65W | ----          | UL201 UN741 UW1 UW9 UW48 UW54 UZ22   |                           |
|                       | Resistência / Curitiba | LODUR                                                     | ---- | X      | 26 52.93S               | 053 41.22W | 290           |                                      |                           |
| <b>UM402</b>          | Curitiba               | PARANAGUÁ                                                 | PNG  | N      | 25 32.08S               | 048 31.85W | ----          | G678 UM788 UM792 UW47 UW61           |                           |
|                       | La Paz / Amazônica     | UBKAB                                                     | ---- | X      | 16 18.90S               | 058 36.51W | 243           |                                      |                           |
|                       | Amazônica              | PARDO                                                     | ---- | X      | 12 16.30S               | 059 05.06W | 106           | UM782                                |                           |
|                       | Amazônica              | ARPAR                                                     | ---- | X      | 10 30.90S               | 059 17.18W | 197           | UL201                                |                           |
|                       | Amazônica              | DEMIT                                                     | ---- | X      | 07 14.18S               | 059 39.44W | 252           | UA317                                |                           |

| ATS Route<br>Ruta ATS | FIR/UIR               | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                          | Remarks/<br>Observaciones |
|-----------------------|-----------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|-----------------------------------------------------------------------------------------------|---------------------------|
|                       |                       | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                               |                           |
| 1                     | 2                     | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                             | 10                        |
| <b>UM415</b>          | Amazônica             | MANAUS                                                    | MAN  | VD     | 03 02.22S               | 060 07.49W | ----          | A566 G678 W3 W12 W27 UA300 UA315 UA316<br>UA323 UA566 UL306 UR640 UW3 UW9 UW17<br>UW33 UZ6    |                           |
|                       | Brasília / Curitiba   | SOROCABA                                                  | SCB  | VD     | 23 30.43S               | 047 22.69W | 238           | A428 W1 W51 UA310 UM782 UW45 UW49<br>UW50 UW58                                                |                           |
|                       | Curitiba              | PRUDENTE                                                  | PRR  | VDN    | 22 10.38S               | 051 25.58W | 208           | W26 UW50                                                                                      |                           |
|                       | Curitiba              | ESPIN                                                     | ---- | X      | 20 55.80S               | 054 54.88W | 201           | UM544                                                                                         |                           |
| <b>UM540</b>          | Curitiba / Assunção   | SIDAK                                                     | ---- | X      | 19 38.35S               | 058 12.47W | ----          | UZ22                                                                                          |                           |
|                       | Montevideo / Curitiba | AKPOD                                                     | ---- | X      | 32 28.31S               | 053 35.00W | 194           |                                                                                               |                           |
|                       | Curitiba              | PORTO ALEGRE                                              | PAG  | VDN    | 29 59.76S               | 051 09.91W | 296           | A309 A314 G449 G677 R563 W14 W14E UA308<br>UA309 UA314 UA432 UN857 UR563 UW6 UW19<br>UW24 UZ5 |                           |
|                       | Curitiba              | OSAMU                                                     | ---- | X      | 25 56.81S               | 048 01.28W | 111           | UM671 UW25                                                                                    | O/P                       |
| <b>UM544</b>          | Curitiba              | ANISE                                                     | ---- | X      | 24 36.13S               | 046 37.52W | ----          | UM671 UW21 UW61                                                                               | O/P                       |
|                       | Assunção / Curitiba   | AKSUL                                                     | ---- | X      | 22 33.00S               | 055 47.17W | 108           |                                                                                               |                           |
|                       | Curitiba              | ESPIN                                                     | ---- | X      | 20 55.80S               | 054 54.88W | 31            | UM415                                                                                         |                           |
|                       | Curitiba              | CAMPO GRANDE                                              | CGR  | VDN    | 20 28.13S               | 054 40.22W | ----          | A304 A430 W7 W29 W47 W58 UB554 UW19<br>UW28 UW29 UW50 UW52 UW60 UW62 UZ22                     |                           |
| <b>UM548</b>          | Curitiba              | CRANE                                                     | ---- | X      | 22 25.84S               | 053 48.93W | 250           | UW66                                                                                          |                           |
|                       | Curitiba              | CURITIBA                                                  | CRT  | VDN    | 25 31.92S               | 049 10.06W | ----          | A431 G449 G678 W1 W26 W48 UA310 UW6 UW8<br>UW19 UW24 UW47 UW61                                |                           |
| <b>UM654</b>          | Montevideo / Curitiba | GAMOT                                                     | ---- | X      | 30 56.67S               | 055 29.62W | 236           | UA432                                                                                         |                           |

| ATS Route<br>Ruta ATS | FIR/UIR                          | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                | Remarks/<br>Observaciones |
|-----------------------|----------------------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|---------------------------------------------------------------------|---------------------------|
|                       |                                  | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                     |                           |
| 1                     | 2                                | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                   | 10                        |
| <b>UM671</b>          | Curitiba                         | BRICK                                                     | ---- | X      | 27 41.72S               | 052 46.83W | 145           | UR563                                                               |                           |
|                       | Curitiba                         | ILBEK                                                     | ---- | X      | 25 40.59S               | 051 27.47W | 99            | UL310 UW8                                                           |                           |
|                       | Curitiba                         | RABAN                                                     | ---- | X      | 24 17.34S               | 050 28.18W | 140           | UL301                                                               |                           |
|                       | Curitiba                         | BAURU                                                     | BRU  | N      | 22 18.84S               | 049 06.43W | 169           | A304 W7 W13 W51 W58 UL655 UM782 UW6<br>UW45 UW48 UW53 UW62 UZ5 UZ21 |                           |
|                       | Brasília                         | EDOLA                                                     | ---- | X      | 19 52.93S               | 047 34.97W | 164           | UW1 UW59                                                            |                           |
|                       | Brasília                         | FLAND                                                     | ---- | X      | 17 30.04S               | 046 09.26W | 158           | UA312 UZ28                                                          |                           |
|                       | Brasília / Recife                | NEFAS                                                     | ---- | X      | 15 11.90S               | 044 48.86W | 49            |                                                                     |                           |
|                       | Recife                           | OLEAR                                                     | ---- | X      | 14 28.33S               | 044 23.93W | 217           | UW5                                                                 |                           |
|                       | Recife                           | BIRTI                                                     | ---- | X      | 11 16.65S               | 042 36.35W | 343           | UZ27                                                                |                           |
|                       | Recife                           | PUREU                                                     | ---- | X      | 06 14.18S               | 039 51.80W | 167           | UZ7                                                                 |                           |
|                       | Recife                           | FORTALEZA                                                 | FLZ  | VDN    | 03 46.34S               | 038 32.86W | ----          | G677 W1 W44 UN741 UW13 UW33 UW43 UW44<br>UZ1 UZ18 UZ19              |                           |
|                       | Curitiba                         | DO SUL                                                    | CXS  | VDN    | 29 11.88S               | 051 11.32W | 258           | UW6 UZ5                                                             |                           |
|                       | Curitiba                         | OSAMU                                                     | ---- | X      | 25 56.81S               | 048 01.28W | 111           | UM540 UW25                                                          | O/P                       |
|                       | Curitiba                         | ANISE                                                     | ---- | X      | 24 36.13S               | 046 37.52W | ----          | UM540 UW21 UW61                                                     | O/P                       |
|                       | <b>UM782</b> Brasília / Curitiba | SOROCABA                                                  | SCB  | VD     | 23 30.43S               | 047 22.69W | 120           | A428 W1 W51 UA310 UM415 UW45 UW49<br>UW50 UW58                      |                           |
|                       | Curitiba                         | BAURU                                                     | BRU  | N      | 22 18.84S               | 049 06.43W | 408           | A304 W7 W13 W51 W58 UL655 UM654 UW6<br>UW45 UW48 UW53 UW62 UZ5 UZ21 |                           |
|                       | Curitiba / Brasília              | TOMBO                                                     | ---- | X      | 17 31.54S               | 054 13.60W | 156           | UW45                                                                |                           |

| ATS Route<br>Ruta ATS | FIR/UIR              | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS            | Remarks/<br>Observaciones |
|-----------------------|----------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|-------------------------------------------------|---------------------------|
|                       |                      | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                 |                           |
| 1                     | 2                    | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                               | 10                        |
| <b>UM788</b>          | Brasília / Amazônica | CUIABÁ                                                    | CIA  | VDN    | 15 39.36S               | 056 06.72W | 148           | A430 B652 W5 W10 W47 UB554 UB652 UW10 UW28 UW45 |                           |
|                       | Amazônica            | ANPOS                                                     | ---- | X      | 13 47.11S               | 057 46.19W | 119           |                                                 |                           |
|                       | Amazônica            | PARDO                                                     | ---- | X      | 12 16.30S               | 059 05.06W | 182           | UM402                                           |                           |
|                       | Amazônica            | SIDUM                                                     | ---- | X      | 09 56.85S               | 061 04.93W | 341           |                                                 |                           |
|                       | Amazônica            | JOUST                                                     | ---- | X      | 05 33.23S               | 064 42.73W | 149           | UL306                                           |                           |
|                       | Amazônica            | ROUSE                                                     | ---- | X      | 03 37.86S               | 066 16.93W | 376           | UA566                                           |                           |
|                       | Amazônica / Bogotá   | MITU                                                      | MTU  | VDN    | 01 14.88N               | 070 14.83W | ----          | UA317 UL201                                     |                           |
|                       | Brasília / Curitiba  | CONGONHAS                                                 | CGO  | VD     | 23 37.65S               | 046 39.28W | 153           | UL301 UL310 UM792 UW24 UW63 UW66                |                           |
|                       | Curitiba             | PARANAGUÁ                                                 | PNG  | N      | 25 32.08S               | 048 31.85W | 238           | G678 UM400 UM792 UW47 UW61                      |                           |
|                       | Curitiba             | ASDEK                                                     | ---- | X      | 28 35.69S               | 051 20.48W | 222           | UA310 UM792                                     |                           |
| <b>UM792</b>          | Curitiba             | BAGÉ                                                      | BGE  | VN     | 31 23.44S               | 054 06.58W | ----          | A310 A314 G680 UA314 UG680 UN741                |                           |
|                       | Brasília / Curitiba  | CONGONHAS                                                 | CGO  | VD     | 23 37.65S               | 046 39.28W | 153           | UL301 UL310 UM788 UW24 UW63 UW66                |                           |
|                       | Curitiba             | PARANAGUÁ                                                 | PNG  | N      | 25 32.08S               | 048 31.85W | 238           | G678 UM400 UM788 UW47 UW61                      |                           |
| <b>UM799</b>          | Curitiba             | ASDEK                                                     | ---- | X      | 28 35.69S               | 051 20.48W | 243           | UA310 UM788                                     |                           |
|                       | Assunção / Curitiba  | REMEK                                                     | ---- | X      | 20 37.98S               | 058 06.78W | 268           |                                                 |                           |
|                       | Brasília             | ESTER                                                     | ---- | X      | 17 10.70S               | 055 07.88W | 136           | UL655                                           |                           |
|                       | Brasília             | DOMIC                                                     | ---- | X      | 15 23.43S               | 053 39.96W | 173           | UZ21                                            |                           |
|                       | Brasília             | EGOLA                                                     | ---- | X      | 13 06.26S               | 051 50.35W | 158           | G678 UA317                                      |                           |
|                       | Brasília             | RONAL                                                     | ---- | X      | 10 57.99S               | 050 14.95W | 75            | UL776                                           |                           |

| ATS Route<br>Ruta ATS | FIR/UIR             | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                          | Remarks/<br>Observaciones |
|-----------------------|---------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|-----------------------------------------------------------------------------------------------|---------------------------|
|                       |                     | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                               |                           |
| 1                     | 2                   | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                             | 10                        |
| UN741                 | Amazônica           | TEREB                                                     | ---- | X      | 09 57.03S               | 049 30.23W | 199           | UZ13                                                                                          |                           |
|                       | Amazônica           | INTEL                                                     | ---- | X      | 07 14.35S               | 047 32.53W | ----          | UZ25                                                                                          |                           |
|                       | Dacar / Atlântica   | NANIK                                                     | ---- | X      | 06 20.50N               | 033 10.34W | 125           |                                                                                               | O/P                       |
|                       | Atlântica           | DIKEB                                                     | ---- | X      | 04 29.87N               | 034 09.29W | 122           | UL375 UL695                                                                                   | O/P                       |
|                       | Atlântica           | CARVE                                                     | ---- | X      | 02 41.96N               | 035 06.96W | 247           |                                                                                               | O/P                       |
|                       | Atlântica / Recife  | JOBER                                                     | ---- | X      | 00 56.78S               | 037 02.88W | 191           |                                                                                               | O/P                       |
|                       | Recife              | FORTALEZA                                                 | FLZ  | VDN    | 03 46.33S               | 038 32.87W | 422           | G677 W1 W44 UM654 UW13 UW33 UW43 UW44<br>UZ1 UZ18 UZ19                                        |                           |
|                       | Recife              | DALMA                                                     | ---- | X      | 10 12.85S               | 041 27.92W | 358           | UZ27                                                                                          |                           |
|                       | Recife / Brasília   | CARDO                                                     | ---- | X      | 15 37.64S               | 044 05.72W | 173           | UW5 UZ4                                                                                       |                           |
|                       | Brasília            | TRÊS MARIAS                                               | TRM  | V      | 18 12.19S               | 045 27.42W | 251           | G678 UW12                                                                                     |                           |
| UN857                 | Brasília            | PIRAÇUNUNGA                                               | PSN  | VD     | 21 59.07S               | 047 20.65W | 66            | UL201 UL795 UW1 UW9 UW48 UW54 UZ22                                                            |                           |
|                       | Brasília / Curitiba | OROKA                                                     | ---- | X      | 22 58.60S               | 047 53.14W | 249           |                                                                                               |                           |
|                       | Curitiba            | PERNA                                                     | ---- | X      | 26 28.28S               | 050 20.02W | 355           | UZ5                                                                                           |                           |
|                       | Curitiba            | BAGÉ                                                      | BGE  | VN     | 31 23.44S               | 054 06.58W | ----          | A310 A314 G680 UA314 UG680 UM788                                                              |                           |
|                       | Curitiba            | PORTO ALEGRE                                              | PAG  | VDN    | 29 59.76S               | 051 09.91W | 612           | A309 A314 G449 G677 R563 W14 W14E UA308<br>UA309 UA314 UA432 UM540 UR563 UW6 UW19<br>UW24 UZ5 |                           |
|                       | Brasília            | MARICÁ                                                    | MRC  | VD     | 22 58.06S               | 042 53.48W | 339           | G677 G678 UA314 UL224 UW50                                                                    |                           |
|                       | Brasília / Recife   | DAGEL                                                     | ---- | X      | 18 00.40S               | 039 58.12W | 120           |                                                                                               |                           |
|                       | Recife              | BIDEV                                                     | ---- | X      | 16 14.03S               | 038 58.34W | 344           | UW50                                                                                          |                           |

| ATS Route<br>Ruta ATS | FIR/UIR            | ATS/MET reporting point/<br>Punto de notificación ATS/MET |       | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS | Remarks/<br>Observaciones |
|-----------------------|--------------------|-----------------------------------------------------------|-------|--------|-------------------------|------------|---------------|--------------------------------------|---------------------------|
|                       |                    | Name/Nombre                                               | Cod.  |        | Lat.                    | Long.      |               |                                      |                           |
| 1                     | 2                  | 3                                                         | 4     | 5      | 6                       | 7          | 8             | 9                                    | 10                        |
| UN866                 | Recife             | MEDIT                                                     | ----  | X      | 11 07.69S               | 036 14.19W | 95            |                                      | O/P                       |
|                       | Recife             | RUBEN                                                     | ----  | X      | 09 42.77S               | 035 29.74W | 132           |                                      | O/P                       |
|                       | Recife             | AMBET                                                     | ----  | X      | 07 45.57S               | 034 2674W  | 261           | UR551                                | O/P                       |
|                       | Recife             | NORONHA                                                   | NOR   | DN     | 03 51.94S               | 032 26.90W | 198           | B623 W40 W41 UB623                   |                           |
|                       | Recife / Atlântica | NEURA                                                     | ----  | X      | 00 56.18S               | 030 55.15W | 137           |                                      | O/P                       |
|                       | Atlântica          | CLOVE                                                     | ----  | X      | 01 05.71N               | 029 51.65W | 20            |                                      | O/P                       |
|                       | Atlântica          | NOISE                                                     | ----  | X      | 01 23.67N               | 029 42.55W | 117           | UL375 UL695                          | O/P                       |
|                       | Atlântica / Dacar  | ERETU                                                     | ----  | X      | 03 07.70N               | 028 48.00W | ----          |                                      | O/P                       |
|                       | Brasília / Recife  | RUBIC                                                     | ----  | X      | 16 24.56S               | 042 40.73W | 169           |                                      |                           |
|                       | Recife             | SPINO                                                     | ----  | X      | 13 51.48S               | 041 24.44W | 458           | UZ17                                 |                           |
|                       | Recife             | EDITE                                                     | ----  | X      | 06 54.45S               | 038 08.40W | 112           | UZ7                                  |                           |
|                       | Recife             | MOSSORÓ                                                   | MSS   | VDN    | 05 11.83S               | 037 21.87W | 236           | G677 W46 UW14 UW23 UW33 UW50 UZ27    |                           |
|                       | Recife / Atlântica | MAGNO                                                     | ----  | X      | 01 44.63S               | 035 27.64W | 238           |                                      | O/P                       |
|                       | Atlântica          | CRUDE                                                     | ----  | X      | 01 44.25N               | 033 32.98W | 116           |                                      | O/P                       |
|                       | Atlântica          | OBKUT                                                     | ----  | X      | 03 25.83N               | 032 37.10W | 122           | UL375 UL695                          | O/P                       |
| UN873                 | Atlântica / Dacar  | DEKON                                                     | ----  | X      | 05 13.00N               | 032 49.89W | ----          |                                      | O/P                       |
|                       | Dacar / Atlântica  | TASIL                                                     | ----  | X      | 04 00.30N               | 029 59.40W | 119           |                                      | O/P                       |
|                       | Atlântica          | ORARO                                                     | ----  | X      | 02 14.83N               | 030 55.37W | 63            | UL375 UL695                          | O/P                       |
|                       | Atlântica          | EPODE                                                     | ----- | X      | 01 19.35N               | 031 24.74W | 182           |                                      | O/P                       |

| ATS Route<br>Ruta ATS | FIR/UIR                 | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                | Remarks/<br>Observaciones |
|-----------------------|-------------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|---------------------------------------------------------------------|---------------------------|
|                       |                         | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                     |                           |
| 1                     | 2                       | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                   | 10                        |
| UR505                 | Atlântica / Recife      | INTOL                                                     | ---- | X      | 01 21.65S               | 032 49.89W | 154           |                                                                     | O/P                       |
|                       | Recife                  | FEMUR                                                     | ---- | X      | 03 38.04S               | 034 02.17W | 114           |                                                                     | O/P                       |
|                       | Recife                  | IBAGA                                                     | ---- | X      | 05 19.07S               | 034 55.97W | 158           |                                                                     | O/P                       |
|                       | Recife                  | VACAR                                                     | ---- | X      | 07 39.92S               | 036 10.12W | 509           | UZ7                                                                 |                           |
|                       | Recife                  | GONZA                                                     | ---- | X      | 15 12.37S               | 040 14.64W | 133           | UW58                                                                |                           |
|                       | Recife / Brasília       | BUXER                                                     | ---- | X      | 17 09.37S               | 041 20.79W | 100           |                                                                     |                           |
|                       | Brasília                | MORGA                                                     | ---- | X      | 18 36.82S               | 042 11.27W | 182           | UZ16                                                                |                           |
|                       | Brasília                | BARBACENA                                                 | BBC  | N      | 21 16.02S               | 043 45.85W | ----          | UA312 UZ14 UZ15 UZ28                                                |                           |
|                       | Central American/Panamá | DURAM                                                     | -    | X      | 1217N                   | 08246W     | -             | R505                                                                | O/P                       |
|                       | Merida                  | ROBIN                                                     | -    | X      | 2224N                   | 08629W     | -             | A321/UA321/B646/UB646/R522/B881/UB881                               |                           |
| UR522                 | Merida                  | ROBIN                                                     | -    | X      | 2224N                   | 08629W     | -             |                                                                     |                           |
| UR550                 | Cordoba/La Paz          | GESPA                                                     | -    | X      | 2205S                   | 06527W     | 668           |                                                                     |                           |
|                       | La Paz                  | GERSO                                                     | -    | X      | 1109S                   | 06733W     |               |                                                                     |                           |
| UR551                 | Amazônica               | BRANCO                                                    | RBC  | VDN    | 09 52.31 S              | 067 53.72W | ----          | A301 A430 A685 W10 UA301 UA321 UB554<br>UL309 UL417 UR558 UW10 UW17 |                           |
|                       | Recife                  | AMBET                                                     | ---- | X      | 07 45.57S               | 034 26.74W | 397           | UN857                                                               | O/P                       |
|                       | Recife                  | BUGAT                                                     | ---- | X      | 03 37.15S               | 029 14.59W | ----          | UL206                                                               | O/P                       |
|                       | Amazônica               | BRANCO                                                    | RBC  | VDN    | 09 52.31 S              | 067 53.72W | ----          | A301 A430 A685 W10 UA301 UA321 UB554<br>UL309 UL417 UR550 UW10 UW17 |                           |
| UR559                 | Lima / Amazônica        | POSKA                                                     | ---- | X      | 05 06.39S               | 072 48.72W | 301           |                                                                     |                           |
|                       | Amazônica / Lima        | ASOLA                                                     | ---- | X      | 09 47.70S               | 070 58.38W | ----          |                                                                     |                           |

| ATS Route<br>Ruta ATS | FIR/UIR                 | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |             | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                                                                                | Remarks/<br>Observaciones |
|-----------------------|-------------------------|-----------------------------------------------------------|------|--------|-------------------------|-------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                       |                         | Name/Nombre                                               | Cod. |        | Lat.                    | Long.       |               |                                                                                                                                                                                     |                           |
| 1                     | 2                       | 3                                                         | 4    | 5      | 6                       | 7           | 8             | 9                                                                                                                                                                                   | 10                        |
| UR560                 | Antofagasta/Córdoba     | KADAT                                                     | -    | X      | 2323S                   | 06708W      | -             | A431 R563 W13 UA307 UB554 UB688 UL324<br>UW8 UW48 UW66 UZ18<br>R563 UL310<br>UM654<br>A309 A314 G449 G677 R563 W14 W14E UA308<br>UA309 UA314 UA432 UM540 UN857 UW6 UW19<br>UW24 UZ5 | O/P                       |
| <b>UR563</b>          | Curitiba / Resistência  | FOZ                                                       | FOZ  | VD     | 25 35.00S               | 054 30.21 W | 71            |                                                                                                                                                                                     |                           |
|                       | Resistência / Curitiba  | GEBUN                                                     | ---- | X      | 26 34.67S               | 053 46.76W  | 80            |                                                                                                                                                                                     |                           |
|                       | Curitiba                | BRICK                                                     | ---- | X      | 27 41.72S               | 052 46.83W  | 167           |                                                                                                                                                                                     |                           |
|                       | Curitiba                | PORTO ALEGRE                                              | PAG  | VDN    | 29 59.47S               | 051 09.81W  | ----          |                                                                                                                                                                                     |                           |
| UR567                 | Bogota                  | LEGUIZAMO                                                 | LGM  | N      | 0011S                   | 07445W      | -             | UA321/UG430                                                                                                                                                                         |                           |
|                       | Bogota/Manaus           | LETICIA                                                   | LET  | VDN    | 0411S                   | 06955W      |               | A566/UA301/UA565/UA566                                                                                                                                                              |                           |
| UR640                 | Central American/Mexico | DANUL                                                     | -    | X      | 2011N                   | 08519W      | -             | A321/UA321/R640                                                                                                                                                                     |                           |
|                       | Amazônica / Maiquetia   | NEBIL                                                     | ---- | X      | 01 35.96N               | 064 07.50W  | 166           |                                                                                                                                                                                     |                           |
|                       | Amazônica               | TANGO                                                     | ---- | X      | 00 30.47S               | 062 18.49W  | 100           | UL795 UZ6                                                                                                                                                                           |                           |
|                       | Amazônica               | LUMAX                                                     | ---- | X      | 01 46.35S               | 061 13.03W  | 100           | UZ6                                                                                                                                                                                 |                           |
|                       | Amazônica               | MANAUS                                                    | MAN  | VD     | 03 02.20S               | 060 07.50W  | ----          | A566 G678 W3 W12 W27 UA300 UA315 UA316<br>UA323 UA566 UL306 UM402 UW3 UW9 UW17<br>UW33 UZ6                                                                                          |                           |
| UR683                 | Santiago                | CHILLAN                                                   | -    | X      | 3634S                   | 07202W      | -             | UG551                                                                                                                                                                               |                           |
|                       | Santiago/Mendoza        | KAMUR                                                     | -    | X      | 3709S                   | 07109W      | -             |                                                                                                                                                                                     |                           |
| <b>UW1</b>            | Brasília                | BRASÍLIA                                                  | BRS  | VDN    | 15 52.42S               | 048 01.28W  | 241           | G449 G678 W2 W10 W49 W50 W56 UA317<br>UB688 UB695 UL304 UL776 UW2 UW6 UW10<br>UW11 UW12 UW43 UW55 UZ2 UZ5 UZ6 UZ24                                                                  |                           |

| ATS Route<br>Ruta ATS | FIR/UIR            | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                            | Remarks/<br>Observaciones |
|-----------------------|--------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                       |                    | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                                                                 |                           |
| 1                     | 2                  | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                                                               | 10                        |
| <b>UW2</b>            | Brasília           | EDOLA                                                     | ---- | X      | 19 52.93S               | 047 34.97W | 124           | UZ25 UZ26                                                                                                                       |                           |
|                       | Brasília           | PIRAÇUNUNGA                                               | PSN  | VD     | 21 59.07S               | 047 20.65W | ----          | UM654 UW59                                                                                                                      |                           |
|                       | Brasília           | POÇOS                                                     | PCL  | N      | 21 50.15S               | 046 33.94W | 131           | UL201 UL795 UN741 UW9 UW48 UW54 UZ22                                                                                            |                           |
|                       | Brasília           | ARAXÁ                                                     | ARX  | VD     | 19 41.34S               | 047 03.63W | 100           | UW22 UW58 UW59                                                                                                                  |                           |
|                       | Brasília           | BRASÍLIA                                                  | BRS  | VDN    | 15 52.42S               | 048 01.28W | ----          | G449 G678 W2 W10 W49 W50 W56 UA317<br>UB688 UB695 UL304 UL776 UW1 UW6 UW10<br>UW11 UW12 UW43 UW55 UZ2 UZ5 UZ6 UZ24<br>UZ25 UZ26 |                           |
| <b>UW3</b>            | Amazônica          | MANAUS                                                    | MAN  | VD     | 03 02.20S               | 060 07.50W | 185           | A566 G678 W3 W12 W27 UA300 UA315 UA316<br>UA323 UA566 UL306 UM402 UR640 UW9 UW17<br>UW33 UZ6                                    |                           |
|                       | Amazônica          | IGAPO                                                     | ---- | X      | 05 36.17S               | 061 49.52W | 224           | UA317                                                                                                                           |                           |
|                       | Amazônica          | PORTO VELHO                                               | PVH  | VDN    | 08 42.83S               | 063 54.19W | ----          | W3 W10 UL216 UW10                                                                                                               |                           |
| <b>UW5</b>            | Amazônica          | BELÉM                                                     | BEL  | VDN    | 01 23.06S               | 048 28.72W | 255           | A555 A566 G443 G449 G677 W4 W9 W27 UA555<br>UG449 UW6 UW33 UZ3 UZ7 UZ26                                                         |                           |
|                       | Amazônica          | IMPERATRIZ                                                | YTZ  | VDN    | 05 31.43S               | 047 26.99W | 235           | G449 W22 UW16 UZ3 UZ25                                                                                                          |                           |
|                       | Amazônica / Recife | ACENA                                                     | ---- | X      | 09 12.31S               | 046 05.15W | 183           | UZ2                                                                                                                             |                           |
|                       | Recife             | BARREIRAS                                                 | BRR  | VN     | 12 04.80S               | 045 0043W  | 147           | W2 UW43 UW44                                                                                                                    |                           |
|                       | Recife             | OLEAR                                                     | ---- | X      | 14 28.33S               | 044 23.93W | 71            | UM654                                                                                                                           |                           |
|                       | Recife / Brasília  | CARDO                                                     | ---- | X      | 15 37.64S               | 044 05.72W | 255           | UN741 UZ4                                                                                                                       |                           |
|                       | Brasília           | BELO HORIZONTE                                            | BHZ  | VDN    | 19 50.15S               | 044 00.21W | ----          | W17 UB680 UW11 UW13 UZ16                                                                                                        |                           |

| ATS Route<br>Ruta ATS | FIR/UIR             | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                   | Remarks/<br>Observaciones |
|-----------------------|---------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                       |                     | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                                                        |                           |
| 1                     | 2                   | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                                                      | 10                        |
| <b>UW6</b>            | Curitiba            | PORTO ALEGRE                                              | PAG  | VDN    | 29 59.76S               | 051 09.91W | 48            | A309 A314 G449 G677 R563 W14 W14E UA308 UA309 UA314 UA432 UM540 UN857 UR563 UW19 UW24 UZ5                              |                           |
|                       | Curitiba            | DO SUL                                                    | CXS  | VDN    | 29 11.88S               | 051 11.32W | 244           | UM671 UZ5                                                                                                              |                           |
|                       | Curitiba            | CURITIBA                                                  | CRT  | VDN    | 25 31.92S               | 049 10.09W | 193           | A431 G449 G678 W1 W26 W48 UA310 UM548 UW8 UW19 UW24 UW47 UW61                                                          |                           |
|                       | Curitiba            | BAURU                                                     | BRU  | N      | 22 18.84S               | 049 06.43W | 99            | A304 W7 W13 W51 W58 UL655 UM654 UM782 UW45 UW48 UW53 UW62 UZ5 UZ21                                                     |                           |
|                       | Brasília            | ASTOB                                                     | ---- | X      | 20 40.80S               | 048 49.39W | 148           | UL201 UZ5                                                                                                              |                           |
|                       | Brasília            | PAGUE                                                     | ---- | X      | 18 14.93S               | 048 24.72W | 145           | UW59 UZ5                                                                                                               |                           |
|                       | Brasília            | BRASÍLIA                                                  | BRS  | VDN    | 15 52.43S               | 048 01.28W | 335           | G449 G678 W2 W10 W49 W50 W56 UA317 UB688 UB695 UL304 UL776 UW1 UW2 UW10 UW11 UW12 UW43 UW55 UZ2 UZ5 UZ6 UZ24 UZ25 UZ26 |                           |
|                       | Brasília            | PALMAS                                                    | PLM  | VDN    | 10 17.28S               | 048 21.51W | 160           | G449 W4 UB680 UW16 UZ26                                                                                                |                           |
|                       | Amazônica           | MOPIM                                                     | ---- | X      | 07 36.43S               | 048 23.71W | 188           | UZ26                                                                                                                   |                           |
|                       | Amazônica           | LEMIS                                                     | ---- | X      | 04 27.21S               | 048 26.26W | 183           | UZ26                                                                                                                   |                           |
|                       | Amazônica           | BELÉM                                                     | BEL  | VDN    | 01 23.06S               | 048 28.71W | ----          | A555 A566 G443 G449 G677 W4 W9 W27 UA555 UG449 UW5 UW33 UZ3 UZ7 UZ26                                                   |                           |
| <b>UW8</b>            | Curitiba            | CURITIBA                                                  | CRT  | VDN    | 25 31.92S               | 049 10.09W | 124           | A431 G449 G678 W1 W26 W48 UA310 UM548 UW6 UW19 UW24 UW47 UW61                                                          |                           |
|                       | Curitiba            | ILBEK                                                     | ---- | X      | 25 40.59S               | 051 27.47W | 165           | UL310 UM654                                                                                                            |                           |
|                       | Curitiba / Assunção | FOZ                                                       | FOZ  | VD     | 25 35.00S               | 054 30.21W | ----          | A431 R563 W13 UA307 UB554 UB688 UL324                                                                                  |                           |

| ATS Route<br>Ruta ATS | FIR/UIR              | ATS/MET reporting point/<br>Punto de notificación ATS/MET |       | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                         | Remarks/<br>Observaciones |
|-----------------------|----------------------|-----------------------------------------------------------|-------|--------|-------------------------|------------|---------------|----------------------------------------------------------------------------------------------|---------------------------|
|                       |                      | Name/Nombre                                               | Cod.  |        | Lat.                    | Long.      |               |                                                                                              |                           |
| 1                     | 2                    | 3                                                         | 4     | 5      | 6                       | 7          | 8             | 9                                                                                            | 10                        |
| <b>UW9</b>            | Amazônica            | MANAUS                                                    | MAN   | VD     | 03 02.20S               | 060 07.50W | 236           | UR563 UW48 UW66 UZ18                                                                         |                           |
|                       | Amazônica            | NANDA                                                     | ----  | X      | 06 26.89S               | 058 08.07W | 237           | A566 G678 W3 W12 W27 UA300 UA315 UA316<br>UA323 UA566 UL306 UM402 UR640 UW3 UW17<br>UW33 UZ6 |                           |
|                       | Amazônica            | ALTA FLORESTA                                             | ATF   | VDN    | 09 52.10S               | 056 06.30W | 161           | G678 W47 UA315 UA317 UL795 UW28                                                              |                           |
|                       | Amazônica / Brasília | RONIL                                                     | ----  | X      | 12 10.68S               | 054 41.88W | 257           | UL795                                                                                        |                           |
|                       | Brasília             | GARÇAS                                                    | BAG   | VDN    | 15 51.21S               | 052 23.74W | 148           | W10 UL795 UW53                                                                               |                           |
| <b>UW10</b>           | Brasília             | NEFAR                                                     | ----  | X      | 17 48.43S               | 050 50.23W | 319           | UL795 UW29                                                                                   |                           |
|                       | Brasília             | PIRAÇUNUNGA                                               | PSN   | VD     | 21 59.07S               | 047 20.65W | ----          | UL201 UL795 UN741 UW1 UW48 UW54 UZ22                                                         |                           |
|                       | La Paz / Amazônica   | CRUZEIRO                                                  | CZS   | VDN    | 07 36.41S               | 072 46.41W | 148           | B552 W10                                                                                     |                           |
|                       | Amazônica            | PANOL                                                     | ----  | X      | 08 39.63S               | 070 31.70W | 172           | W10 UL306                                                                                    |                           |
|                       | Amazônica            | BRANCO                                                    | RBC   | VDN    | 09 52.31S               | 067 53.72W | 246           | A301 A430 A685 W10 UA301 UA321 UB554<br>UL309 UL417 UR550 UR558 UW17                         |                           |
|                       | Amazônica            | PORTO VELHO                                               | PVH   | VDN    | 08 42.83S               | 063 54.19W | 173           | W3 W10 UL216 UW3                                                                             |                           |
|                       | Amazônica            | REDON                                                     | ----  | X      | 10 49.17S               | 061 54.55W | 305           | UA316 UL655                                                                                  |                           |
|                       | Amazônica / Brasília | ITAMA                                                     | ----- | X      | 14 13.46S               | 058 03.84W | 142           | W10                                                                                          |                           |
|                       | Brasília             | CUIABÁ                                                    | CIA   | VDN    | 15 39.36S               | 056 06.72W | 403           | A430 B652 W5 W10 W47 UB554 UB652 UM782<br>UW28 UW45                                          |                           |
|                       | Brasília             | GOIÂNIA                                                   | GOI   | VDN    | 16 37.95S               | 049 12.92W | 82            | W10 W24 W29 UW15 UW29 UW54 UW59                                                              |                           |
|                       | Brasília             | BRASÍLIA                                                  | BRS   | VDN    | 15 52.42S               | 048 01.28W | 150           | G449 G678 W2 W10 W49 W50 W56 UA317<br>UB688 UB695 UL304 UL776 UW1 UW2 UW6                    |                           |

| ATS Route<br>Ruta ATS | FIR/UIR              | ATS/MET reporting point/<br>Punto de notificación ATS/MET |       | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                  | Remarks/<br>Observaciones                      |
|-----------------------|----------------------|-----------------------------------------------------------|-------|--------|-------------------------|------------|---------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
|                       |                      | Name/Nombre                                               | Cod.  |        | Lat.                    | Long.      |               |                                                                                                                       |                                                |
| 1                     | 2                    | 3                                                         | 4     | 5      | 6                       | 7          | 8             | 9                                                                                                                     | 10                                             |
| UW11                  | Brasília / Recife    | BAIAN                                                     | ----  | X      | 14 37.43S               | 045 46.03W | 159           | W10                                                                                                                   | UW11 UW12 UW43 UW55 UZ2 UZ5 UZ6 UZ24 UZ25 UZ26 |
|                       | Recife               | LAPA                                                      | LAP   | VDN    | 13 18.88S               | 043 24.49W | 145           | W8 W10 W42 UW14 UW42                                                                                                  |                                                |
|                       | Recife               | PUIDO                                                     | ----  | X      | 12 06.44S               | 041 25.92W | 130           | UW13                                                                                                                  |                                                |
|                       | Recife               | FLOCK                                                     | ----  | X      | 10 58.83S               | 039 32.82W | 110           | UZ20                                                                                                                  |                                                |
|                       | Recife               | GEBIT                                                     | ----- | X      | 10 00.83S               | 037 57.42W | 152           | UW50                                                                                                                  |                                                |
|                       | Recife               | KIDAN                                                     | ----  | X      | 08 40.24S               | 035 46.92W | ----          |                                                                                                                       |                                                |
|                       | Brasília             | PORTO                                                     | PCX   | VD     | 22 42.92S               | 042 51.45W | 184           | B691 W6 W50 W55 UA312 UA314 UL327 UL340 UW63 UW65 UZ1 UZ10 UZ28                                                       |                                                |
|                       | Brasília             | BELO HORIZONTE                                            | BHZ   | VDN    | 19 50.15S               | 044 00.21W | 331           | W17 UB680 UW5 UW13 UZ16                                                                                               |                                                |
|                       | Brasília             | BRASÍLIA                                                  | BRS   | VDN    | 15 52.43S               | 048 01.28W | ----          | G449 G678 W2 W10 W49 W50 W56 UA317 UB688 UB695 UL304 UL776 UW1 UW2 UW6 UW10 UW12 UW43 UW55 UZ2 UZ5 UZ6 UZ24 UZ25 UZ26 |                                                |
|                       | Brasília             | VITÓRIA                                                   | VTR   | VDN    | 20 14.98S               | 040 16.98W | 330           | G677 W6 W11 UL206 UL327 UL330 UL335 UW50                                                                              |                                                |
| UW12                  | Brasília             | TRÊS MARIAS                                               | TRM   | V      | 18 12.19S               | 045 27.42W | 205           | G678 UN741                                                                                                            |                                                |
|                       | Brasília             | BRASÍLIA                                                  | BRS   | VDN    | 15 52.42S               | 048 01.28W | 371           | G449 G678 W2 W10 W49 W50 W56 UA317 UB688 UB695 UL304 UL776 UW1 UW2 UW6 UW10 UW11 UW43 UW55 UZ2 UZ5 UZ6 UZ24 UZ25 UZ26 |                                                |
|                       | Brasília / Amazônica | BOMAL                                                     | ----  | X      | 10 20.59S               | 050 53.39W | 268           | UZ24                                                                                                                  |                                                |
|                       | Amazônica            | NELOS                                                     | ----- | X      | 06 19.89S               | 052 53.83W | 260           | UZ24                                                                                                                  |                                                |
|                       |                      |                                                           |       |        |                         |            |               |                                                                                                                       |                                                |

| ATS Route<br>Ruta ATS | FIR/UIR           | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |             | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                         | Remarks/<br>Observaciones |
|-----------------------|-------------------|-----------------------------------------------------------|------|--------|-------------------------|-------------|---------------|------------------------------------------------------------------------------|---------------------------|
|                       |                   | Name/Nombre                                               | Cod. |        | Lat.                    | Long.       |               |                                                                              |                           |
| 1                     | 2                 | 3                                                         | 4    | 5      | 6                       | 7           | 8             | 9                                                                            | 10                        |
| <b>UW13</b>           | Amazônica         | SANTARÉM                                                  | STM  | VDN    | 02 25.59S               | 054 49.05W  | ----          | A566 W15 W23 W27 UA312 UB681 UW33 UZ24 UZ28                                  |                           |
|                       | Brasília          | BELO HORIZONTE                                            | BHZ  | VDN    | 19 50.15S               | 044 00.21W  | 217           | W17 UB680 UW5 UW11 UZ16                                                      |                           |
|                       | Brasília / Recife | FORTI                                                     | ---- | X      | 16 22.47S               | 042 49.54W  | 268           |                                                                              |                           |
|                       | Recife            | PUIDO                                                     | ---- | X      | 12 06.44S               | 041 25.92W  | 172           | UW10                                                                         |                           |
|                       | Recife            | PETROLINA                                                 | PTL  | VDN    | 09 21.79S               | 040 33.68W  | 355           | W8 UW14 UZ20 UZ27                                                            |                           |
| <b>UW14</b>           | Recife            | FORTALEZA                                                 | FLZ  | VDN    | 03 46.34S               | 038 32.86W  | ----          | G677 W1 W44 UM654 UN741 UW33 UW43 UW44 UZ1 UZ18 UZ19                         |                           |
|                       | Recife            | LAPA                                                      | LAP  | VDN    | 13 18.88S               | 043 24.49W  | 288           | W8 W10 W42 UW10 UW42                                                         |                           |
|                       | Recife            | PETROLINA                                                 | PTL  | VDN    | 09 21.79S               | 040 33.68W  | 203           | W8 UW13 UZ20 UZ27                                                            |                           |
|                       | Recife            | OPABA                                                     | ---- | X      | 06 39.51S               | 038 28.63W  | 110           | UZ19 UZ27                                                                    |                           |
|                       | Recife            | MOSSORÓ                                                   | MSS  | VDN    | 05 11.84S               | 037 214.87W | ----          | G677 W46 UN866 UW23 UW33 UW50 UZ27                                           |                           |
| <b>UW15</b>           | Brasília          | GOIÂNIA                                                   | GOI  | VDN    | 16 37.95S               | 049 12.93W  | ----          | W10 W24 W29 UW10 UW29 UW54 UW59                                              |                           |
| <b>UW16</b>           | Brasília          | PALMAS                                                    | PLM  | VDN    | 10 12.19S               | 048 21.02W  | 290           | G449 W4 UB680 UW6 UZ26                                                       |                           |
| <b>UW17</b>           | Amazônica         | IMPERATRIZ                                                | YTZ  | VDN    | 05 31.43S               | 047 26.99W  | ----          | G449 W22 UW5 UZ3 UZ25                                                        |                           |
|                       | Amazônica         | BRANCO                                                    | RBC  | VDN    | 09 52.31S               | 067 53.72W  | 210           | A301 A430 A685 W10 UA301 UA321 UB554 UL309 UL417 UR550 UR558 UW10            |                           |
|                       | Amazônica         | MASON                                                     | ---- | X      | 07 33.35S               | 065 13.27W  | 135           | UL655                                                                        |                           |
|                       | Amazônica         | PERSA                                                     | ---- | X      | 06 04.34S               | 063 32.05W  | 273           | UL201                                                                        |                           |
|                       | Amazônica         | MANAUS                                                    | MAN  | VD     | 03 02.20S               | 060 07.50W  | ----          | A566 G678 W3 W12 W27 UA300 UA315 UA316 UA323 UA566 UL306 UM402 UR640 UW3 UW9 |                           |

| ATS Route<br>Ruta ATS | FIR/UIR             | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS    | Remarks/<br>Observaciones |
|-----------------------|---------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|-----------------------------------------|---------------------------|
|                       |                     | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                         |                           |
| 1                     | 2                   | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                       | 10                        |
| <b>UW19</b>           | Curitiba            | CAMPO GRANDE                                              | CGR  | VDN    | 20 28.13S               | 054 40.22W | 126           | UW33 UZ6                                |                           |
|                       |                     |                                                           |      |        |                         |            |               | A304 A430 W7 W29 W47 W58 UB554 UM544    |                           |
|                       |                     |                                                           |      |        |                         |            |               | UW28 UW29 UW50 UW52 UW60 UW62 UZ22      |                           |
|                       | Curitiba            | NOIVA                                                     | ---- | X      | 21 51.70S               | 052 58.44W | 136           | UB695                                   |                           |
|                       | Curitiba            | LONDRINA                                                  | LON  | VDN    | 23 20.37S               | 051 06.75W | 170           | UW48 UW49 UW51                          |                           |
|                       | Curitiba            | CURITIBA                                                  | CRT  | VDN    | 25 31.92S               | 049 10.09W | 134           | A431 G449 G678 W1 W26 W48 UA310 UM548   |                           |
|                       |                     |                                                           |      |        |                         |            |               | UW6 UW8 UW24 UW47 UW61                  |                           |
|                       | Curitiba            | FLORIANÓPOLIS                                             | FLN  | N      | 27 41.72S               | 048 30.03W | 203           | W45 UA314 UW21 UW25                     |                           |
|                       | Curitiba            | PORTO ALEGRE                                              | PAG  | VDN    | 29 59.47S               | 051 09.91W | ----          | A309 A314 G449 G677 R563 W14 W14E UA308 |                           |
|                       |                     |                                                           |      |        |                         |            |               | UA309 UA314 UA432 UM540 UN857 UR563     |                           |
|                       |                     |                                                           |      |        |                         |            |               | UW6 UW24 UZ5                            |                           |
| <b>UW21</b>           | Curitiba            | FLORIANÓPOLIS                                             | FLN  | N      | 27 41.72S               | 048 30.03W | 211           | W45 UA314 UW19 UW25                     |                           |
|                       | Curitiba            | ANISE                                                     | ---- | X      | 24 36.13S               | 046 37.52W | ----          | UM540 UM671 UW61                        | O/P                       |
| <b>UW22</b>           | Brasília            | POÇOS                                                     | PCL  | N      | 21 50.15S               | 046 33.94W | ----          | UW2 UW58 UW59                           |                           |
| <b>UW23</b>           | Recife              | MOSSORÓ                                                   | MSS  | VDN    | 05 11.83S               | 037 21.87W | ----          | G677 W46 UN866 UW14 UW33 UW50 UZ27      |                           |
| <b>UW24</b>           | Brasília / Curitiba | CONGONHAS                                                 | CGO  | VD     | 23 37.65S               | 046 39.28W | 178           | UL301 UL310 UM788 UM792 UW63 UW66       |                           |
|                       | Curitiba            | CURITIBA                                                  | CRT  | VDN    | 25 31.92S               | 049 10.09W | 288           | A431 G449 G678 W1 W26 W48 UA310 UM548   |                           |
|                       |                     |                                                           |      |        |                         |            |               | UW6 UW8 UW19 UW47 UW61                  |                           |
|                       | Curitiba            | PORTO ALEGRE                                              | PAG  | VDN    | 29 59.47S               | 051 09.91W | ----          | A309 A314 G449 G677 R563 W14 W14E UA308 |                           |
|                       |                     |                                                           |      |        |                         |            |               | UA309 UA314 UA432 UM540 UN857 UR563     |                           |
|                       |                     |                                                           |      |        |                         |            |               | UW6 UW19 UZ5                            |                           |
| <b>UW25</b>           | Curitiba            | FLORIANÓPOLIS                                             | FLN  | N      | 27 41.72S               | 048 30.03W | 108           | W45 UA314 UW19 UW21                     |                           |

| ATS Route<br>Ruta ATS | FIR/UIR              | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                  | Remarks/<br>Observaciones |
|-----------------------|----------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|---------------------------------------------------------------------------------------|---------------------------|
|                       |                      | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                       |                           |
| 1                     | 2                    | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                     | 10                        |
| <b>UW28</b>           | Curitiba             | OSAMU                                                     | ---- | X      | 25 56.81S               | 048 01.28W | ----          | UM540 UM671                                                                           | O/P                       |
|                       | Amazônica            | ALTA FLORESTA                                             | ATF  | VDN    | 09 52.10S               | 056 06.30W | 168           | G678 W47 UA315 UA317 UL795 UW9                                                        |                           |
|                       | Amazônica / Brasília | RAPAT                                                     | ---- | X      | 12 40.69S               | 056 06.50W | 178           | W47                                                                                   |                           |
|                       | Brasília             | CUIABÁ                                                    | CIA  | VDN    | 15 39.36S               | 056 06.72W | 299           | A430 B652 W5 W10 W47 UB554 UB652 UM782 UW10 UW45                                      |                           |
| <b>UW29</b>           | Curitiba             | CAMPO GRANDE                                              | CGR  | VDN    | 20 28.13S               | 054 40.23W | ----          | A304 A430 W7 W29 W47 W58 UB554 UM544 UW19 UW29 UW50 UW52 UW60 UW62 UZ22               |                           |
|                       | Curitiba             | CAMPO GRANDE                                              | CGR  | VDN    | 20 28.13S               | 054 40.23W | 129           | A304 A430 W7 W29 W47 W58 UB554 UM544 UW19 UW28 UW50 UW52 UW60 UW62 UZ22               |                           |
|                       | Curitiba             | LIVER                                                     | ---- | X      | 19 12.47S               | 052 49.47W | 141           | UL655                                                                                 |                           |
|                       | Brasília             | NEFAR                                                     | ---- | X      | 17 48.43S               | 050 50.23W | 117           | UL795 UW9                                                                             |                           |
| <b>UW33</b>           | Brasília             | GOIÂNIA                                                   | GOI  | VDN    | 16 37.95S               | 049 12.93W | ----          | W10 W24 W29 UW10 UW15 UW54 UW59                                                       |                           |
|                       | Amazônica            | MANAUS                                                    | MAN  | VD     | 03 02.20S               | 060 07.50W | 187           | A566 G678 W3 W12 W27 UA300 UA315 UA316 UA323 UA566 UL306 UM402 UR640 UW3 UW9 UW17 UZ6 |                           |
|                       | Amazônica            | TEPIM                                                     | ---- | X      | 02 41.07S               | 057 02.05W | 134           | UL304                                                                                 |                           |
|                       | Amazônica            | SANTARÉM                                                  | STM  | VDN    | 02 25.59S               | 054 49.05W | 165           | A566 W15 W23 W27 UA312 UB681 UW12 UZ24 UZ28                                           |                           |
|                       | Amazônica            | MATRA                                                     | ---- | X      | 01 59.12S               | 052 06.83W | 221           | UB680                                                                                 |                           |
|                       | Amazônica            | BELÉM                                                     | BEL  | VDN    | 01 23.06S               | 048 28.72W | 265           | A555 A566 G443 G449 G677 W4 W9 W27 UA555 UG449 UW5 UW6 UZ3 UZ7 UZ26                   |                           |
|                       | Amazônica            | SÃO LUIS                                                  | SLI  | VDN    | 02 35.35S               | 044 14.40W | 100           | G677 W20 W22 UZ2 UZ4 UZ20                                                             |                           |

| ATS Route<br>Ruta ATS | FIR/UIR            | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                           | Remarks/<br>Observaciones |
|-----------------------|--------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                       |                    | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                                                                |                           |
| 1                     | 2                  | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                                                              | 10                        |
| <b>UW42</b>           | Amazônica / Recife | CLARK                                                     | ---- | X      | 02 55.77S               | 042 36.54W | 249           |                                                                                                                                |                           |
|                       | Recife             | FORTALEZA                                                 | FLZ  | VDN    | 03 46.33S               | 038 32.87W | 111           | G677 W1 W44 UM654 UN741 UW13 UW43<br>UW44 UZ1 UZ18 UZ19                                                                        |                           |
|                       | Recife             | MOSSORÓ                                                   | MSS  | VDN    | 05 11.83S               | 037 21.87W | ----          | G677 W46 UN866 UW14 UW23 UW50 UZ27                                                                                             |                           |
|                       | Recife             | LAPA                                                      | LAP  | VDN    | 13 18.88S               | 043 24.49W | 166           | W8 W10 W42 UW10 UW14                                                                                                           |                           |
|                       | Recife             | GRUDE                                                     | ---- | X      | 13 04.67S               | 040 34.73W | 133           | UZ1                                                                                                                            |                           |
| <b>UW43</b>           | Recife             | SALVADOR                                                  | SVD  | VDN    | 12 54.39S               | 038 19.28W | ----          | G677 W1 W42 UW50 UW58 UZ10 UZ14 UZ17<br>UZ19 UZ20                                                                              |                           |
|                       | Brasília           | BRASÍLIA                                                  | BRS  | VDN    | 15 52.42S               | 048 01.28W | 171           | G449 G678 W2 W10 W49 W50 W56 UA317<br>UB688 UB695 UL304 UL776 UW1 UW2 UW6<br>UW10 UW11 UW12 UW55 UZ2 UZ5 UZ6 UZ24<br>UZ25 UZ26 |                           |
|                       | Brasília / Recife  | FRONT                                                     | ---- | X      | 13 36.62S               | 046 12.48W | 115           | W2                                                                                                                             |                           |
|                       | Recife             | BARREIRAS                                                 | BRR  | VN     | 12 04.80S               | 045 00.43W | 82            | W2 UW5 UW44                                                                                                                    |                           |
|                       | Recife             | ZORZA                                                     | ---- | X      | 11 00.18S               | 044 08.88W | 257           | UZ4                                                                                                                            |                           |
| <b>UW44</b>           | Recife             | OCTIL                                                     | ---- | X      | 07 36.64S               | 041 29.43W | 288           | UZ20                                                                                                                           |                           |
|                       | Recife             | FORTALEZA                                                 | FLZ  | VDN    | 03 46.34S               | 038 32.86W | ----          | G677 W1 W44 UM654 UN741 UW13 UW33<br>UW44 UZ1 UZ18 UZ19                                                                        |                           |
|                       | Recife             | FORTALEZA                                                 | FLZ  | VDN    | 03 46.33S               | 038 32.87W | 168           | G677 W1 W44 UM654 UN741 UW13 UW33<br>UW43 UZ1 UZ18 UZ19                                                                        |                           |
|                       | Recife             | TERESINA                                                  | TRS  | VDN    | 05 03.97S               | 042 49.49W | 438           | W2 W20 W44 UZ5 UZ7 UZ20                                                                                                        |                           |
|                       | Recife             | BARREIRAS                                                 | BRR  | VN     | 12 04.80S               | 045 00.43W | ----          | W2 UW5 UW43                                                                                                                    |                           |

| ATS Route<br>Ruta ATS | FIR/UIR             | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                              | Remarks/<br>Observaciones |
|-----------------------|---------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|-------------------------------------------------------------------|---------------------------|
|                       |                     | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                   |                           |
| 1                     | 2                   | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                 | 10                        |
| <b>UW45</b>           | Brasília / Curitiba | SOROCABA                                                  | SCB  | VD     | 23 30.43S               | 047 22.69W | 120           | A428 W1 W51 UA310 UM415 UM782 UW49 UW50 UW58                      |                           |
|                       | Curitiba            | BAURU                                                     | BRU  | N      | 22 18.84S               | 049 06.43W | 408           | A304 W7 W13 W51 W58 UL655 UM654 UM782 UW6 UW48 UW53 UW62 UZ5 UZ21 |                           |
|                       | Curitiba / Brasília | TOMBO                                                     | ---- | X      | 17 31.54S               | 054 13.60W | 156           | UM782                                                             |                           |
|                       | Brasília            | CUIABÁ                                                    | CIA  | VDN    | 15 39.36S               | 056 06.72W | ----          | A430 B652 W5 W10 W47 UB554 UB652 UM782 UW10 UW28                  |                           |
| <b>UW47</b>           | Curitiba            | CURITIBA                                                  | CRT  | VDN    | 25 31.92S               | 049 10.06W | 35            | A431 G449 G678 W1 W26 W48 UA310 UM548 UW6 UW8 UW19 UW24 UW61      |                           |
|                       | Curitiba            | PARANAGUÁ                                                 | PNG  | N      | 25 32.08S               | 048 31.85W | ----          | G678 UM400 UM788 UM792 UW61                                       |                           |
| <b>UW48</b>           | Curitiba            | FOZ                                                       | FOZ  | VD     | 25 35.00S               | 054 30.21W | 229           | A431 R563 W13 UA307 UB554 UB688 UL324 UR563 UW8 UW66 UZ18         |                           |
|                       | Curitiba            | LONDRINA                                                  | LON  | VDN    | 23 20.37S               | 051 06.75W | 114           | UW19 UW49 UW51                                                    |                           |
|                       | Curitiba            | BAURU                                                     | BRU  | N      | 22 18.84S               | 049 06.43W | 107           | A304 W7 W13 W51 W58 UL655 UM654 UM782 UW6 UW45 UW53 UW62 UZ5 UZ21 |                           |
|                       | Brasília            | PIRAÇUNUNGA                                               | PSN  | VD     | 21 59.07S               | 047 20.65W | ----          | UL201 UL795 UN741 UW1 UW9 UW54 UZ22                               |                           |
| <b>UW49</b>           | Brasília / Curitiba | SOROCABA                                                  | SCB  | VD     | 23 30.43S               | 047 22.69W | 207           | A428 W1 W51 UA310 UM415 UM782 UW45 UW50 UW58                      |                           |
|                       | Curitiba            | LONDRINA                                                  | LON  | VDN    | 23 20.37S               | 051 06.75W | ----          | UW19 UW48 UW51                                                    |                           |
| <b>UW50</b>           | Recife              | MOSSORÓ                                                   | MSS  | VDN    | 05 11.84S               | 037 21.87W | 290           | G677 W46 UN866 UW14 UW23 UW33 UZ27                                |                           |
|                       | Recife              | GEBIT                                                     | ---- | X      | 10 00.83S               | 037 57.42W | 174           | UW10                                                              |                           |
|                       | Recife              | SALVADOR                                                  | SVD  | VDN    | 12 54.39S               | 038 19.28W | 60            | G677 W1 W42 UW42 UW58 UZ10 UZ14 UZ17 UZ19 UZ20                    |                           |

| ATS Route<br>Ruta ATS | FIR/UIR             | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                    | Remarks/<br>Observaciones |
|-----------------------|---------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|-------------------------------------------------------------------------|---------------------------|
|                       |                     | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                         |                           |
| 1                     | 2                   | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                       | 10                        |
| <b>UW51</b>           | Recife              | DINER                                                     | ---- | X      | 13 53.60S               | 038 30.74W | 142           |                                                                         | O/P                       |
|                       | Recife              | BIDEV                                                     | ---- | X      | 16 14.03S               | 038 58.34W | 126           | UN857                                                                   |                           |
|                       | Recife / Brasília   | EUDES                                                     | ---- | X      | 18 16.14S               | 039 29.86W | 126           | G677                                                                    | O/P                       |
|                       | Brasília            | VITÓRIA                                                   | VTR  | VDN    | 20 14.98S               | 040 16.98W | 104           | G677 W6 W11 UL206 UL327 UL330 UL335 UW12                                |                           |
|                       | Brasília            | CAMPOS                                                    | CPO  | N      | 21 41.84S               | 041 18.40W | 124           | UW65                                                                    |                           |
|                       | Brasília            | MARICÁ                                                    | MRC  | VD     | 22 58.06S               | 042 53.48W | 260           | G677 G678 UA314 UL224 UN857                                             |                           |
|                       | Brasília / Curitiba | SOROCABA                                                  | SCB  | VD     | 23 30.43S               | 047 22.69W | 238           | A428 W1 W51 UA310 UM415 UM782 UW45 UW49 UW58                            |                           |
|                       | Curitiba            | PRUDENTE                                                  | PRR  | VDN    | 22 10.38S               | 051 25.58W | 208           | W26 UM415                                                               |                           |
|                       | Curitiba            | CAMPO GRANDE                                              | CGR  | VDN    | 20 28.13S               | 054 40.22W | ----          | A304 A430 W7 W29 W47 W58 UB554 UM544 UW19 UW28 UW29 UW52 UW60 UW62 UZ22 |                           |
|                       | Curitiba            | LONDRINA                                                  | LON  | VDN    | 23 20.37S               | 051 06.75W | 162           | UW19 UW48 UW49                                                          |                           |
|                       | Curitiba / Brasília | PARSE                                                     | ---- | X      | 22 47.25S               | 048 14.24W | ----          |                                                                         |                           |
|                       | Curitiba            | CAMPO GRANDE                                              | CGR  | VDN    | 20 28.13S               | 054 40.22W | 194           | A304 A430 W7 W29 W47 W58 UB554 UM544 UW19 UW28 UW29 UW50 UW60 UW62 UZ22 |                           |
|                       | Curitiba            | NEMEU                                                     | ---- | X      | 21 11.76S               | 051 18.29W | ----          | UZ18 UZ22                                                               |                           |
|                       | Curitiba            | BAURU                                                     | BRU  | N      | 22 18.84S               | 049 06.43W | 163           | A304 W7 W13 W51 W58 UL655 UM654 UM782 UW6 UW45 UW48 UW62 UZ5 UZ21       |                           |
|                       | Brasília            | ALIKE                                                     | ---- | X      | 19 52.22S               | 050 23.13W | 266           | UZ18                                                                    |                           |
| <b>UW54</b>           | Brasília            | GARÇAS                                                    | BAG  | VDN    | 15 51.21S               | 052 23.74W | ----          | W10 UL795 UW9                                                           |                           |
|                       | Brasília            | GOIÂNIA                                                   | GOI  | VDN    | 16 37.95S               | 049 12.92W | 340           | W10 W24 W29 UW10 UW15 UW29 UW59                                         |                           |

| ATS Route<br>Ruta ATS | FIR/UIR             | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                           | Remarks/<br>Observaciones |
|-----------------------|---------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                       |                     | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                                                                |                           |
| 1                     | 2                   | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                                                              | 10                        |
| <b>UW55</b>           | Brasília            | PIRAÇUNUNGA                                               | PSN  | VD     | 21 59.07S               | 047 20.65W | ----          | UL201 UL795 UN741 UW1 UW9 UW48 UZ22                                                                                            |                           |
|                       | Brasília            | BRASÍLIA                                                  | BRS  | VDN    | 15 52.43S               | 048 01.28W | ----          | G449 G678 W2 W10 W49 W50 W56 UA317<br>UB688 UB695 UL304 UL776 UW1 UW2 UW6<br>UW10 UW11 UW12 UW43 UZ2 UZ5 UZ6 UZ24<br>UZ25 UZ26 |                           |
| <b>UW58</b>           | Recife              | POTRO                                                     | ---- | X      | 08 48.50S               | 035 25.75W | 162           |                                                                                                                                |                           |
|                       | Recife              | ARACAJÚ                                                   | ACJ  | VDN    | 10 59.04S               | 037 04.29W | 136           | G677                                                                                                                           |                           |
|                       | Recife              | SALVADOR                                                  | SVD  | VDN    | 12 54.39S               | 038 19.28W | 70            | G677 W1 W42 UW42 UW50 UZ10 UZ14 UZ17<br>UZ19 UZ20                                                                              |                           |
|                       | Recife              | JUDAS                                                     | ---- | X      | 13 48.97S               | 039 04.55W | 107           |                                                                                                                                |                           |
|                       | Recife              | GONZA                                                     | ---- | X      | 15 12.37S               | 040 14.64W | 139           | UN873                                                                                                                          |                           |
|                       | Recife / Brasília   | SAGAZ                                                     | ---- | X      | 16 59.13S               | 041 46.21W | 285           |                                                                                                                                |                           |
|                       | Brasília            | MAVIK                                                     | ---- | X      | 20 31.70S               | 045 06.39W | 113           | UA317                                                                                                                          |                           |
|                       | Brasília            | POÇOS                                                     | PCL  | N      | 21 50.15S               | 046 33.94W | 110           | UW2 UW22 UW59                                                                                                                  |                           |
|                       | Brasília / Curitiba | SOROCABA                                                  | SCB  | VD     | 23 30.43S               | 047 22.69W | ----          | A428 W1 W51 UA310 UM415 UM782 UW45<br>UW49 UW50                                                                                |                           |
|                       | Brasília            | POÇOS                                                     | PCL  | N      | 21 50.15S               | 046 33.94W | 239           | UW2 UW22 UW58                                                                                                                  |                           |
| <b>UW59</b>           | Brasília            | EDOLA                                                     | ---- | X      | 19 52.93S               | 047 34.97W | 109           | UM654 UW1                                                                                                                      |                           |
|                       | Brasília            | PAGUE                                                     | ---- | X      | 18 14.93S               | 048 24.72W | 107           | UW6 UZ5                                                                                                                        |                           |
|                       | Brasília            | GOIÂNIA                                                   | GOI  | VDN    | 16 37.95S               | 049 12.92W | ----          | W10 W24 W29 UW10 UW15 UW29 UW54                                                                                                |                           |
|                       | Brasília            | GOIÂNIA                                                   | GOI  | VDN    | 16 37.95S               | 049 12.92W | ----          | W10 W24 W29 UW10 UW15 UW29 UW54                                                                                                |                           |
|                       | Curitiba            | CURITIBA                                                  | CRT  | VDN    | 25 31.92S               | 049 10.06W | 35            | A431 G449 G678 W1 W26 W48 UA310 UM548<br>UW6 UW8 UW19 UW24 UW47                                                                |                           |
| <b>UW61</b>           | Curitiba            | CURITIBA                                                  | CRT  | VDN    | 25 31.92S               | 049 10.06W | 35            | A431 G449 G678 W1 W26 W48 UA310 UM548<br>UW6 UW8 UW19 UW24 UW47                                                                |                           |

| ATS Route<br>Ruta ATS | FIR/UIR             | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                       | Remarks/<br>Observaciones |
|-----------------------|---------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|----------------------------------------------------------------------------|---------------------------|
|                       |                     | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                            |                           |
| 1                     | 2                   | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                          | 10                        |
| <b>UW62</b>           | Curitiba            | ANISE                                                     | ---- | X      | 24 36.13S               | 046 37.52W | ----          | UM540 UM671 UW21                                                           |                           |
|                       | Curitiba            | PARANAGUÁ                                                 | PNG  | N      | 25 32.08S               | 048 31.85W | 118           | G678 UM400 UM788 UM792 UW47                                                |                           |
|                       | Curitiba            | CORUMBÁ                                                   | CUB  | N      | 19 00.97S               | 057 39.87W | 191           | A304 W5                                                                    |                           |
|                       | Curitiba            | CAMPO GRANDE                                              | CGR  | VDN    | 20 28.13S               | 054 40.22W | 330           | A304 A430 W7 W29 W47 W58 UB554 UM544<br>UW19 UW28 UW29 UW50 UW52 UW60 UZ22 |                           |
| <b>UW63</b>           | Curitiba            | BAURU                                                     | BRU  | N      | 22 18.84S               | 049 06.43W | ----          | A304 W7 W13 W51 W58 UL655 UM654 UM782<br>UW6 UW45 UW48 UW53 UZ5 UZ21       |                           |
|                       | Brasília / Curitiba | CONGONHAS                                                 | CGO  | VD     | 23 37.65S               | 046 39.28W | 216           | UL301 UL310 UM788 UM792 UW24 UW66                                          |                           |
|                       | Brasília            | PORTO                                                     | PCX  | VD     | 22 42.92S               | 042 51.45W | ----          | B691 W6 W50 W55 UA312 UA314 UL327 UL340<br>UW11 UW65 UZ1 UZ10 UZ28         |                           |
| <b>UW65</b>           | Brasília            | CAMPOS                                                    | CPO  | N      | 21 41.84S               | 041 18.40W | 106           | UW50                                                                       |                           |
|                       | Brasília            | PORTO                                                     | PCX  | VD     | 22 42.92S               | 042 51.45W | ----          | B691 W6 W50 W55 UA312 UA314 UL327 UL340<br>UW11 UW63 UZ1 UZ10 UZ28         |                           |
| <b>UW66</b>           | Brasília / Curitiba | CONGONHAS                                                 | CGO  | VD     | 23 37.65S               | 046 39.28W | 407           | UL301 UL310 UM788 UM792 UW24 UW63                                          |                           |
|                       | Curitiba            | CRANE                                                     | ---- | X      | 25 25.84S               | 053 48.93W | 38            | UM548                                                                      |                           |
|                       | Curitiba            | FOZ                                                       | FOZ  | VD     | 25 35.00S               | 054 30.21W | ----          | A431 R563 W13 UA307 UB554 UB688 UL324<br>UR563 UW8 UW48 UZ18               |                           |
| <b>UZ1</b>            | Recife              | FORTALEZA                                                 | FLZ  | VDN    | 03 46.33S               | 038 32.87W | 210           | G677 W1 W44 UM654 UN741 UW13 UW33<br>UW43 UW44 UZ18 UZ19                   |                           |
|                       | Recife              | JUAZEIRO                                                  | JZR  | N      | 07 12.83S               | 039 16.47W | 358           |                                                                            |                           |
|                       | Recife              | GRUDE                                                     | ---- | X      | 13 04.67S               | 040 34.73W | 249           | UW42                                                                       |                           |
|                       | Recife / Brasília   | MILTA                                                     | ---- | X      | 17 08.14S               | 041 30.49W | 150           |                                                                            |                           |

| ATS Route<br>Ruta ATS | FIR/UIR            | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                            | Remarks/<br>Observaciones |
|-----------------------|--------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                       |                    | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                                                                 |                           |
| 1                     | 2                  | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                                                               | 10                        |
| <b>UZ2</b>            | Brasília           | PITON                                                     | ---- | X      | 19 35.17S               | 042 05.32W | 192           | UZ15                                                                                                                            |                           |
|                       | Brasília           | PORTO                                                     | PCX  | VD     | 22 42.92S               | 042 51.45W | ----          | B691 W6 W50 W55 UA312 UA314 UL327 UL340<br>UW11 UW63 UW65 UZ10 UZ28                                                             |                           |
|                       | Brasília           | BRASÍLIA                                                  | BRS  | VDN    | 15 52.42S               | 048 01.28W | 131           | G449 G678 W2 W10 W49 W50 W56 UA317<br>UB688 UB695 UL304 UL776 UW1 UW2 UW6<br>UW10 UW11 UW12 UW43 UW55 UZ5 UZ6 UZ24<br>UZ25 UZ26 |                           |
|                       | Brasília           | PANDI                                                     | ---- | X      | 13 46.27S               | 047 23.97W | 109           | UZ13                                                                                                                            |                           |
|                       | Brasília / Recife  | BETAR                                                     | ---- | X      | 12 01.31S               | 046 53.46W | 115           |                                                                                                                                 |                           |
|                       | Recife             | SOLDO                                                     | ---- | X      | 10 10.56S               | 046 21.70W | 60            | UZ3                                                                                                                             |                           |
| <b>UZ3</b>            | Recife / Amazônica | ACENA                                                     | ---- | X      | 09 12.31S               | 046 05.15W | 410           | UW5                                                                                                                             |                           |
|                       | Amazônica          | SÃO LUIS                                                  | SLI  | VDN    | 02 35.35S               | 044 14.40W | ----          | G677 W20 W22 UW33 UZ4 UZ20                                                                                                      |                           |
|                       | Amazônica          | BELÉM                                                     | BEL  | VDN    | 01 23.06S               | 048 28.72W | 255           | A555 A566 G443 G449 G677 W4 W9 W27 UA555<br>UG449 UW5 UW6 UW33 UZ7 UZ26                                                         |                           |
|                       | Amazônica          | IMPERATRIZ                                                | YTZ  | VDN    | 05 31.43S               | 047 26.99W | 285           | G449 W22 UW5 UW16 UZ25                                                                                                          |                           |
|                       | Recife             | SOLDO                                                     | ---- | X      | 10 10.56S               | 046 21.70W | 293           | UZ2                                                                                                                             |                           |
| <b>UZ4</b>            | Recife / Brasília  | APINO                                                     | ---- | X      | 14 57.71S               | 045 12.47W | ----          | UZ17                                                                                                                            |                           |
|                       | Amazônica          | SÃO LUIS                                                  | SLI  | VDN    | 02 35.35S               | 044 14.40W | 100           | G677 W20 W22 UW33 UZ2 UZ20                                                                                                      |                           |
|                       | Amazônica / Recife | ANDER                                                     | ---- | X      | 04 15.84S               | 044 13.31W | 221           |                                                                                                                                 |                           |
|                       | Recife             | BARKA                                                     | ---- | X      | 07 57.77S               | 044 10.90W | 181           | UZ5                                                                                                                             |                           |
|                       | Recife             | ZORZA                                                     | ---- | X      | 11 00.18S               | 044 08.88W | 101           | UW43                                                                                                                            |                           |
|                       | Recife             | GROIN                                                     | ---- | X      | 12 40.72S               | 044 07.74W | 176           | UZ27                                                                                                                            |                           |

| ATS Route<br>Ruta ATS | FIR/UIR              | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                            | Remarks/<br>Observaciones |
|-----------------------|----------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                       |                      | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                                                                 |                           |
| 1                     | 2                    | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                                                               | 10                        |
| <b>UZ5</b>            | Recife / Brasília    | CARDO                                                     | ---- | X      | 15 37.64S               | 044 05.72W | ----          | UN741 UW5                                                                                                                       |                           |
|                       | Curitiba             | PORTO ALEGRE                                              | PAG  | VDN    | 29 59.76S               | 051 09.91W | 48            | A309 A314 G449 G677 R563 W14 W14E UA308<br>UA309 UA314 UA432 UM540 UN857 UR563<br>UW6 UW19 UW24                                 |                           |
|                       | Curitiba             | DO SUL                                                    | CXS  | VDN    | 29 11.88S               | 051 11.32W | 170           | UM671 UW6                                                                                                                       |                           |
|                       | Curitiba             | PERNA                                                     | ---- | X      | 26 28.28S               | 050 20.02W | 258           | UN741                                                                                                                           |                           |
|                       | Curitiba             | BAURU                                                     | BRU  | N      | 22 18.84S               | 049 06.43W | 99            | A304 W7 W13 W51 W58 UL655 UM654 UM782<br>UW6 UW45 UW48 UW53 UW62 UZ21                                                           |                           |
|                       | Brasília             | ASTOB                                                     | ---- | X      | 20 40.80S               | 048 49.39W | 148           | UL201 UW6                                                                                                                       |                           |
|                       | Brasília             | PAGUE                                                     | ---- | X      | 18 14.93W               | 048 24.72W | 145           | UW6 UW59                                                                                                                        |                           |
|                       | Brasília             | BRASÍLIA                                                  | BRS  | VDN    | 15 52.42S               | 048 01.28W | 200           | G449 G678 W2 W10 W49 W50 W56 UA317<br>UB688 UB695 UL304 UL776 UW1 UW2 UW6<br>UW10 UW11 UW12 UW43 UW55 UZ2 UZ6 UZ24<br>UZ25 UZ26 |                           |
| <b>UZ6</b>            | Brasília / Recife    | TELMA                                                     | ---- | X      | 12 51.82S               | 046 31.81W | 324           |                                                                                                                                 |                           |
|                       | Recife               | BARKA                                                     | ---- | X      | 07 57.77S               | 044 10.90W | 191           | UZ4                                                                                                                             |                           |
|                       | Recife               | TERESINA                                                  | TRS  | VDN    | 05 03.97S               | 042 49.49W | ----          | W2 W20 W44 UW44 UZ7 UZ20                                                                                                        |                           |
|                       | Brasília             | BRASÍLIA                                                  | BRS  | VDN    | 15 52.42S               | 048 01.28W | 439           | G449 G678 W2 W10 W49 W50 W56 UA317<br>UB688 UB695 UL304 UL776 UW1 UW2 UW6<br>UW10 UW11 UW12 UW43 UW55 UZ2 UZ5 UZ24<br>UZ25 UZ26 |                           |
|                       | Brasília / Amazônica | NABOL                                                     | ---- | X      | 10 33.67S               | 053 11.76W | 125           |                                                                                                                                 |                           |
|                       | Amazônica            | TAROP                                                     | ---- | X      | 09 01.92S               | 054 37.96W | 249           |                                                                                                                                 |                           |

| ATS Route<br>Ruta ATS | FIR/UIR            | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                                                                                                                                                                                                                                                                                                                                                  | Remarks/<br>Observaciones |
|-----------------------|--------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                       |                    | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |
| 1                     | 2                  | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10                        |
| UZ7                   | Amazônica          | VIBOT                                                     | ---- | X      | 05 57.64S               | 057 28.13W | 236           | A566 G678 W3 W12 W27 UA300 UA315 UA316<br>UA323 UA566 UL306 UM402 UR640 UW3 UW9<br>UW17 UW33<br><br>UR640<br><br>UL795 UR640<br><br>A555 A566 G443 G449 G677 W4 W9 W27 UA555<br>UG449 UW5 UW6 UW33 UZ3 UZ26<br><br>W2 W20 W44 UW44 UZ5 UZ20<br><br>UM654<br><br>UN866<br><br>UN873<br><br>B691 W6 W50 W55 UA312 UA314 UL327 UL340<br>UW11 UW63 UW65 UZ1 UZ28<br><br><br><br>G677 W1 W42 UW42 UW50 UW58 UZ14 UZ17<br>UZ19 UZ20<br><br>UZ2<br><br>UM799 | O/P                       |
|                       | Amazônica          | MANAUS                                                    | MAN  | VD     | 03 02.20S               | 060 07.50W | 100           |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |
|                       | Amazônica          | LUMAX                                                     | ---- | X      | 01 46.35S               | 061 13.03W | 100           |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |
|                       | Amazônica          | TANGO                                                     | ---- | X      | 00 30.47S               | 062 18.49W | ----          |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |
|                       | Amazônica / Recife | BELÉM                                                     | BEL  | VDN    | 01 23.06S               | 048 28.72W | 314           |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |
|                       | Recife             | LICOR                                                     | ---- | X      | 04 15.36S               | 044 04.65W | 39            |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |
|                       | Recife             | TERESINA                                                  | TRS  | VDN    | 05 03.97S               | 042 49.49W | 191           |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |
|                       | Recife             | PUREU                                                     | ---- | X      | 06 14.18S               | 039 51.80W | 110           |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |
|                       | Recife             | EDITE                                                     | ---- | X      | 06 54.45S               | 038 08.40W | 126           |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |
|                       | Recife             | VACAR                                                     | ---- | X      | 07 39.92S               | 036 10.12W | ----          |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |
| UZ10                  | Brasília           | PORTO                                                     | PCX  | VD     | 22 42.92S               | 042 51.45W | 328           |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |
|                       | Brasília / Recife  | FLIRT                                                     | ---- | X      | 17 43.22S               | 040 28.73W | 133           |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |
|                       | Recife             | DRINK                                                     | ---- | X      | 15 40.96S               | 039 33.13W | 121           |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |
|                       | Recife             | BLOCK                                                     | ---- | X      | 13 49.74S               | 038 43.61W | 60            |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |
|                       | Recife             | SALVADOR                                                  | SVD  | VDN    | 12 54.39S               | 038 19.28W | ----          |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |
| UZ13                  | Brasília           | PANDI                                                     | ---- | X      | 13 46.27S               | 047 23.97W | 260           |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |
|                       | Amazônica          | TEREB                                                     | ---- | X      | 09 57.03S               | 049 30.23W | 823           |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |

| ATS Route<br>Ruta ATS | FIR/UIR           | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                 | Remarks/<br>Observaciones |
|-----------------------|-------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|------------------------------------------------------|---------------------------|
|                       |                   | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                      |                           |
| 1                     | 2                 | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                    | 10                        |
| <b>UZ14</b>           | Amazônica         | TIRIÓS                                                    | TIR  | N      | 02 13.14N               | 055 56.51W | ----          | W23 UL776                                            | O/P                       |
|                       | Recife            | SALVADOR                                                  | SVD  | VDN    | 12 54.39S               | 038 19.28W | 60            | G677 W1 W42 UW42 UW50 UW58 UZ10 UZ17 UZ19 UZ20       |                           |
|                       | Recife            | ABODE                                                     | ---- | X      | 13 45.85S               | 038 51.30W | 114           |                                                      |                           |
|                       | Recife            | BLESS                                                     | ---- | X      | 15 23.51S               | 039 52.85W | 138           |                                                      |                           |
| <b>UZ15</b>           | Recife / Brasília | CRATE                                                     | ---- | X      | 17 20.80S               | 041 08.31W | 278           |                                                      | UA312 UN873 UZ15 UZ28     |
|                       | Brasília          | BARBACENA                                                 | BBC  | N      | 21 16.02S               | 043 45.85W | ----          |                                                      |                           |
|                       | Recife / Brasília | CRUSH                                                     | ---- | X      | 17 47.44S               | 040 21.22W | 146           |                                                      |                           |
|                       | Brasília          | PITON                                                     | ---- | X      | 19 35.17S               | 042 05.32W | 138           | UZ1                                                  |                           |
| <b>UZ16</b>           | Brasília          | BARBACENA                                                 | BBC  | N      | 21 16.02S               | 043 45.85W | ----          | UA312 UN873 UZ14 UZ28                                | UN873                     |
|                       | Recife / Brasília | BRIDE                                                     | ---- | X      | 17 34.24S               | 040 40.71W | 107           |                                                      |                           |
|                       | Brasília          | MORGA                                                     | ---- | X      | 18 36.82S               | 042 11.27W | 126           |                                                      |                           |
|                       | Brasília          | BELO HORIZONTE                                            | BHZ  | VDN    | 19 50.15S               | 044 00.21W | ----          | W17 UB680 UW5 UW11 UW13                              |                           |
| <b>UZ17</b>           | Recife            | SALVADOR                                                  | SVD  | VDN    | 12 54.39S               | 038 19.28W | 189           | G677 W1 W42 UW42 UW50 UW58 UZ10 UZ14 UZ19 UZ20       | UN866                     |
|                       | Recife            | SPINO                                                     | ---- | X      | 13 51.48S               | 041 24.44W | 231           |                                                      |                           |
|                       | Recife / Brasília | APINO                                                     | ---- | X      | 14 57.71S               | 045 12.47W | ----          | UZ3                                                  |                           |
|                       | Recife            | FORTALEZA                                                 | FLZ  | VDN    | 03 46.34S               | 038 32.86W | 752           | G677 W1 W44 UM654 UN741 UW13 UW33 UW43 UW44 UZ1 UZ19 |                           |
| <b>UZ18</b>           | Recife / Brasília | KORAN                                                     | ---- | X      | 13 55.43S               | 046 04.33W | 435           |                                                      |                           |
|                       |                   |                                                           |      |        |                         |            |               |                                                      |                           |

| ATS Route<br>Ruta ATS | FIR/UIR              | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                 | Remarks/<br>Observaciones |
|-----------------------|----------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|----------------------------------------------------------------------|---------------------------|
|                       |                      | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                      |                           |
| 1                     | 2                    | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                    | 10                        |
| <b>UZ19</b>           | Brasília             | ALIKE                                                     | ---- | X      | 19 52.22S               | 050 23.13W | 94            | UW53                                                                 |                           |
|                       | Brasília             | NEMEU                                                     | ---- | X      | 21 11.76S               | 051 18.29W | 316           | UW52 UZ22                                                            |                           |
|                       | Curitiba             | FOZ                                                       | FOZ  | VD     | 25 35.00S               | 054 30.21W | ----          | A431 R563 W13 UA307 UB554 UB688 UL324<br>UR563 UW8 UW48 UW66         |                           |
|                       | Recife               | SALVADOR                                                  | SVD  | VDN    | 12 54.39S               | 038 19.28W | 373           | G677 W1 W42 UW42 UW50 UW58 UZ10 UZ14<br>UZ17 UZ20                    |                           |
|                       | Recife               | OPABA                                                     | ---- | X      | 06 39.51S               | 038 28.63W | 172           | UW14 UZ27                                                            |                           |
| <b>UZ20</b>           | Recife               | FORTALEZA                                                 | FLZ  | VDN    | 03 46.34S               | 038 32.86W | ----          | G677 W1 W44 UM654 UN741 UW13 UW33<br>UW43 UW44 UZ1 UZ18              |                           |
|                       | Recife               | SALVADOR                                                  | SVD  | VDN    | 12 54.39S               | 038 19.28W | 136           | G677 W1 W42 UW42 UW50 UW58 UZ10 UZ14<br>UZ17 UZ19                    |                           |
|                       | Recife               | FLOCK                                                     | ---- | X      | 10 58.83S               | 039 32.82W | 113           | UW10                                                                 |                           |
|                       | Recife               | PETROLINA                                                 | PTL  | VDN    | 09 21.79S               | 040 33.68W | 118           | W8 UW13 UW14 UZ27                                                    |                           |
|                       | Recife               | OCTIL                                                     | ---- | X      | 07 36.64S               | 041 29.43W | 172           | UW43                                                                 |                           |
| <b>UZ21</b>           | Recife               | TERESINA                                                  | TRS  | VDN    | 05 03.97S               | 042 49.49W | 170           | W2 W20 W44 UW44 UZ5 UZ7                                              |                           |
|                       | Recife               | SÃO LUIS                                                  | SLI  | VDN    | 02 35.35S               | 044 14.40W | ----          | G677 W20 W22 UW33 UZ2 UZ4                                            |                           |
|                       | Curitiba             | BAURU                                                     | BRU  | N      | 22 18.84S               | 049 06.43W | 348           | A304 W7 W13 W51 W58 UL655 UM654 UM782<br>UW6 UW45 UW48 UW53 UW62 UZ5 |                           |
|                       | Brasília             | PROTE                                                     | ---- | X      | 17 22.70S               | 052 24.09W | 139           | UL201                                                                |                           |
|                       | Brasília             | DOMIC                                                     | ---- | X      | 15 23.43S               | 053 39.96W | 192           | UM799                                                                |                           |
|                       | Brasília / Amazônica | IDIoT                                                     | ---- | X      | 12 38.55S               | 055 22.08W | 279           |                                                                      |                           |
|                       | Amazônica            | NASAL                                                     | ---- | X      | 08 38.15S               | 057 46.54W | 734           | UA317                                                                |                           |
|                       |                      |                                                           |      |        |                         |            |               |                                                                      |                           |

| ATS Route<br>Ruta ATS | FIR/UIR              | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                           | Remarks/<br>Observaciones |
|-----------------------|----------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                       |                      | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                                                                |                           |
| 1                     | 2                    | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                                                              | 10                        |
| <b>UZ22</b>           | Amazônica            | VUMPI                                                     | ---- | X      | 01 59.40N               | 063 56.90W | ----          | UL795                                                                                                                          |                           |
|                       | Curitiba             | SIDAK                                                     | ---- | X      | 19 38.35S               | 058 12.47W | 206           | UM415                                                                                                                          |                           |
|                       | Curitiba             | CAMPO GRANDE                                              | CGR  | VDN    | 20 28.13S               | 054 40.22W | 194           | A304 A430 W7 W29 W47 W58 UB554 UM544<br>UW19 UW28 UW29 UW50 UW52 UW60 UW62                                                     |                           |
|                       | Curitiba / Brasília  | GROPE                                                     | ---- | X      | 21 28.30S               | 049 55.90W | 148           |                                                                                                                                |                           |
| <b>UZ23</b>           | Brasília             | NEMEU                                                     | ---- | X      | 21 11.76S               | 051 18.29W | 79            | UW52 UZ18                                                                                                                      |                           |
|                       | Brasília             | PIRAÇUNUNGA                                               | PSN  | VD     | 21 59.07S               | 047 20.65W | ----          | UL201 UL795 UN741 UW1 UW9 UW48 UW54                                                                                            |                           |
|                       | Brasília             | CHORD                                                     | ---- | X      | 12 51.82S               | 049 23.97W | 191           | UL776                                                                                                                          |                           |
|                       | Brasília / Amazônica | POJAR                                                     | ---- | X      | 10 16.52S               | 051 19.15W | 688           |                                                                                                                                |                           |
| <b>UZ24</b>           | Amazônica            | INPUT                                                     | ---- | X      | 00 54.37S               | 058 01.34W | 276           | UL306                                                                                                                          |                           |
|                       | Amazônica            | BOA VISTA                                                 | BVI  | VDN    | 02 51.13N               | 060 41.21W | ----          | B681 G678 UA300 UB681 UL304                                                                                                    |                           |
|                       | Amazônica            | SANTARÉM                                                  | STM  | VDN    | 02 25.59S               | 054 49.05W | 260           | A566 W15 W23 W27 UA312 UB681 UW12 UW33<br>UZ28                                                                                 |                           |
|                       | Amazônica            | NELOS                                                     | ---- | X      | 06 19.89S               | 052 53.83W | 268           | UW12                                                                                                                           |                           |
| <b>UZ25</b>           | Amazônica / Brasília | BOMAL                                                     | ---- | X      | 10 20.59S               | 050 53.39W | 371           | UW12                                                                                                                           |                           |
|                       | Brasília             | BRASÍLIA                                                  | BRS  | VDN    | 15 52.43S               | 048 01.28W | ----          | G449 G678 W2 W10 W49 W50 W56 UA317<br>UB688 UB695 UL304 UL776 UW1 UW2 UW6<br>UW10 UW11 UW12 UW43 UW55 UZ2 UZ5 UZ6<br>UZ25 UZ26 |                           |
|                       | Amazônica            | IMPERATRIZ                                                | YTZ  | VDN    | 05 31.43S               | 047 26.99W | 103           | G449 W22 UW5 UW16 UZ3                                                                                                          |                           |
|                       | Amazônica            | INTEL                                                     | ---- | X      | 07 14.35S               | 047 32.53W | 182           | UM799                                                                                                                          |                           |

| ATS Route<br>Ruta ATS | FIR/UIR              | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS                                                                                           | Remarks/<br>Observaciones                                                                     |
|-----------------------|----------------------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|                       |                      | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                                                                                                                |                                                                                               |
| 1                     | 2                    | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                                                                                                              | 10                                                                                            |
| <b>UZ26</b>           | Amazônica / Brasília | AZOIC                                                     | ---- | X      | 10 17.21S               | 047 42.48W | 334           | G449 G678 W2 W10 W49 W50 W56 UA317<br>UB688 UB695 UL304 UL776 UW1 UW2 UW6<br>UW10 UW11 UW12 UW43 UW55 UZ2 UZ5 UZ6<br>UZ24 UZ26 |                                                                                               |
|                       | Brasília             | BRASÍLIA                                                  | BRS  | VDN    | 15 52.43S               | 048 01.28W | ----          |                                                                                                                                |                                                                                               |
|                       | Brasília             | BRASÍLIA                                                  | BRS  | VDN    | 15 52.43S               | 048 01.28W | 335           |                                                                                                                                |                                                                                               |
|                       | Brasília             | PALMAS                                                    | PLM  | VDN    | 10 17.28S               | 048 21.51W | 160           |                                                                                                                                |                                                                                               |
|                       | Amazônica            | MOPIM                                                     | ---- | X      | 07 36.43S               | 048 23.71W | 188           |                                                                                                                                |                                                                                               |
|                       | Amazônica            | LEMIS                                                     | ---- | X      | 04 27.21S               | 048 26.26W | 183           |                                                                                                                                |                                                                                               |
|                       | Amazônica            | BELÉM                                                     | BEL  | VDN    | 01 23.06S               | 048 28.71W | ----          |                                                                                                                                |                                                                                               |
| <b>UZ27</b>           | Recife               | MOSSORÓ                                                   | MSS  | VDN    | 05 11.84S               | 037 21.87W | 110           | A555 A566 G443 G449 G677 W4 W9 W27 UA555<br>UG449 UW5 UW6 UW33 UZ3 UZ7                                                         | G677 W46 UN866 UW14 UW23 UW33 UW50<br>UW14 UZ19<br>W8 UW13 UW14 UZ20<br>UN741<br>UM654<br>UZ4 |
|                       | Recife               | OPABA                                                     | ---- | X      | 06 39.51S               | 038 28.63W | 203           |                                                                                                                                |                                                                                               |
|                       | Recife               | PETROLINA                                                 | PTL  | VDN    | 09 21.79S               | 040 33.68W | 74            |                                                                                                                                |                                                                                               |
|                       | Recife               | DALMA                                                     | ---- | X      | 10 12.85S               | 041 27.92W | 93            |                                                                                                                                |                                                                                               |
|                       | Recife               | BIRTI                                                     | ---- | X      | 11 16.65S               | 042 36.35W | 123           |                                                                                                                                |                                                                                               |
|                       | Recife               | GROIN                                                     | ---- | X      | 12 40.72S               | 044 07.74W | 142           |                                                                                                                                |                                                                                               |
|                       | Recife / Brasília    | PALMO                                                     | ---- | X      | 14 17.35S               | 045 54.80W | ----          |                                                                                                                                |                                                                                               |
| <b>UZ28</b>           | Brasília             | PORTO                                                     | PCX  | VD     | 22 42.92S               | 042 51.45W | 100           | B691 W6 W50 W55 UA312 UA314 UL327 UL340<br>UW11 UW63 UW65 UZ1 UZ10                                                             |                                                                                               |

| ATS Route<br>Ruta ATS | FIR/UIR   | ATS/MET reporting point/<br>Punto de notificación ATS/MET |      | NAVAID | Coordinates/Coordenadas |            | Dist.<br>(NM) | Other ATS routes/<br>Otras rutas ATS        | Remarks/<br>Observaciones |
|-----------------------|-----------|-----------------------------------------------------------|------|--------|-------------------------|------------|---------------|---------------------------------------------|---------------------------|
|                       |           | Name/Nombre                                               | Cod. |        | Lat.                    | Long.      |               |                                             |                           |
| 1                     | 2         | 3                                                         | 4    | 5      | 6                       | 7          | 8             | 9                                           | 10                        |
|                       | Brasília  | BARBACENA                                                 | BBC  | N      | 21 16.02S               | 043 45.85W | 261           | UA312 UN873 UZ14 UZ15                       |                           |
|                       | Brasília  | FLAND                                                     | ---- | X      | 17 30.04S               | 046 09.26W | 1037          | UA312 UM654                                 |                           |
|                       | Amazônica | SANTARÉM                                                  | STM  | VDN    | 02 25.59S               | 054 49.05W | ----          | A566 W15 W23 W27 UA312 UB681 UW12 UW33 UZ24 |                           |

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## PART B

### ATS/MET REPORTING POINTS FOR THE CAR/SAM REGIONS LISTED IN ALPHABETICAL ORDER OF THE FIVE-LETTER NAME-CODE OR PLAIN LANGUAGE DESIGNATOR

#### *EXPLANATION OF THE CONTENTS*

*Column*

- |     |                                                                                                                                                                                                                                                   |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | ATS/MET reporting point/five-letter name-code or plain language designator.                                                                                                                                                                       |
| 2   | Coded abbreviation of reporting point designator.                                                                                                                                                                                                 |
| 3   | Type of radio aid associated with reporting point:<br><br>V - Indicates the site is marked by a VOR<br>D - Indicates the existence of a DME associated with a VOR<br>N - Indicates the site is marked by a NDB<br>X - No radio aid marks the site |
| 4   | FIR/UIR wherein the concerned ATS/MET reporting point is located. Both FIR/UIRs are shown when the reporting point is established at common FIR/UIRs boundaries.                                                                                  |
| 5/6 | Geographical coordinates of the reporting point, rounded off to the nearest whole degree.                                                                                                                                                         |
| 7   | ATS routes for which the same ATS/MET reporting point given in column 1 have been assigned.                                                                                                                                                       |
| 8   | Remarks:<br><br>O/P - Oceanic ATS/MET reporting point.                                                                                                                                                                                            |

**PARTE B****PUNTOS DE NOTIFICACIÓN ATS/MET PARA LAS REGIONES CAR/SAM  
LISTADOS EN ORDEN ALFABÉTICO DEL NOMBRE-CLAVE DE CINCO LETRAS  
O DESIGNADOR EN LENGUAJE CLARO***EXPLICACIÓN DEL CONTENIDO**Columna*

- |     |                                                                                                                                                                                                                                                                                              |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | Punto de notificación ATS/MET / nombre-clave de cinco letras o designador en lenguaje claro.                                                                                                                                                                                                 |
| 2   | Abreviatura codificada del designador del punto de notificación.                                                                                                                                                                                                                             |
| 3   | Tipo de radioayuda asociada con el punto de notificación:<br><br>V - Indica que el emplazamiento está marcado por un VOR<br>D - Indica la existencia de un DME asociado con el VOR<br>N - Indica que el emplazamiento está marcado por un NDB<br>X - Emplazamiento no marcado por radioayuda |
| 4   | FIR/UIR en que está ubicado el punto de notificación ATS/MET concerniente. Cuando el punto de notificación se establece en el límite con otra FIR/UIR, se indican ambas FIR/UIR.                                                                                                             |
| 5/6 | Coordenadas geográficas del punto de notificación en grados enteros redondeados hasta el grado más próximo.                                                                                                                                                                                  |
| 7   | Rutas ATS para las cuales ha sido designado el mismo punto de notificación ATS/MET indicado en la columna 1.                                                                                                                                                                                 |
| 8   | Observaciones:<br><br>O/P - Punto de notificación ATS/MET oceánico.                                                                                                                                                                                                                          |

| ATS/MET reporting point/<br>Punto de notificación ATS/MET |       | NAVAID | FIR/UIR                    | Coordinates/<br>Coordenadas |            | ATS routes<br>/rutas ATS               | Remarks/<br>Observaciones |
|-----------------------------------------------------------|-------|--------|----------------------------|-----------------------------|------------|----------------------------------------|---------------------------|
| Name/Nombre                                               | Cod.  |        |                            | Lat.                        | Long.      |                                        |                           |
| 1                                                         | 2     | 3      | 4                          | 5                           | 6          | 7                                      | 8                         |
| <b>ABODE</b>                                              | ----- | X      | Recife                     | 13 45.85S                   | 038 51.30W | UZ14                                   | O/P                       |
| <b>ABROLHOS</b>                                           | AV    | N      | Recife                     | 17 57.87S                   | 038 41.63W | UL206                                  | O/P                       |
| ABUNA                                                     | -     | X      | La Paz                     | 1100S                       | 06712W     | UA321                                  |                           |
| <b>ACARI</b>                                              | ----- | X      | Amazônica /<br>Paramaribo  | 01 57.43N                   | 056 29.34W | UA312                                  |                           |
| <b>ACENA</b>                                              | ----- | X      | Recife / Amazônica         | 09 12.31S                   | 046 05.15W | UW5 UZ2                                |                           |
| AGUJA                                                     | -     | X      | Barranquilla/Panamá        | 1059N                       | 07725W     | A319/G445/UA319/UG445                  | O/P                       |
| <b>AKNOV</b>                                              | ----- | X      | Amazônica                  | 00 50.55S                   | 065 20.78W | UA323 UL793                            |                           |
| <b>AKRAN</b>                                              | ----- | X      | Atlântica / Dacar          | 05 49.96S                   | 016 44.01W | UL335                                  | O/P                       |
| <b>AKSUL</b>                                              | ----- | X      | Curitiba / Assunção        | 22 33.00S                   | 055 47.17W | UM544                                  |                           |
| ALBAL                                                     | -     | X      | Santiago/Mendoza           | 3411S                       | 06949W     | A305/UA305                             |                           |
| <b>ALGAL</b>                                              | ----- | X      | Atlântica                  | 19 51.03S                   | 020 00.00W | UL340                                  | O/P                       |
| <b>ALIKE</b>                                              | ----- | X      | Brasília                   | 19 52.22S                   | 050 23.13W | UW53 UZ18                              |                           |
| <b>ALONE</b>                                              | ----- | X      | Brasília / Curitiba        | 18 57.33S                   | 052 27.71W | W29                                    |                           |
| <b>ALTA FLORESTA</b>                                      | ATF   | VDN    | Amazônica                  | 09 52.10S                   | 056 06.30W | G678 W47 UA315 UA317 UL795<br>UW9 UW28 |                           |
| <b>ALTAMIRA</b>                                           | ATM   | VN     | Amazônica                  | 03 14.96S                   | 052 14.86W | W12 W27                                |                           |
| <b>AMALO</b>                                              | ----  | X      | Amazônica                  | 12 28.03S                   | 062 48.32W | A430                                   |                           |
| <b>AMAPÁ</b>                                              | AMP   | N      | Amazônica                  | 02 04.13N                   | 050 51.63W | A555 G443 G449                         |                           |
| <b>AMBET</b>                                              | ----  | X      | Recife                     | 07 45.57S                   | 034 2674W  | UN857 UR551                            | O/P                       |
| ANDAHUAYLAS                                               | AND   | V      | Lima                       | 1343S                       | 07221W     | UA320                                  |                           |
| <b>ANDER</b>                                              | ----- | X      | Amazônica / Recife         | 04 15.84S                   | 044 13.31W | UZ4                                    |                           |
| <b>ANISE</b>                                              | ----- | X      | Curitiba                   | 24 36.13S                   | 046 37.52W | UM540 UM671 UW21 UW61                  | O/P                       |
| ANKOK                                                     | -     | X      | Ezeiza                     | 3815S                       | 05100W     | UL211F                                 | O/P                       |
| ANKON                                                     | -     | X      | Santiago/Mendoza           | 3512S                       | 07030W     | B684/UB684                             |                           |
| <b>ANPOS</b>                                              | ----- | X      | Amazônica                  | 13 47.11S                   | 057 46.19W | UM782                                  |                           |
| ANPUK                                                     | -     | X      | Antofagasta/Santiago       | 2830S                       | 07424W     | UL401                                  | O/P                       |
| ANREX                                                     | -     | X      | Centr. American<br>/Mexico | 1320N                       | 09428W     | UL308                                  | O/P                       |
| <b>APINO</b>                                              | ----- | X      | Recife / Brasília          | 14 57.71S                   | 045 12.47W | UZ3 UZ17                               |                           |
| <b>ARACAJÚ</b>                                            | ACJ   | VDN    | Recife                     | 10 59.04S                   | 037 04.29W | G677 UW58                              |                           |
| <b>ARAXÁ</b>                                              | ARX   | VD     | Brasília                   | 19 41.34S                   | 047 03.63W | UW2                                    |                           |
| ARNAL                                                     | -     | X      | Panamá/Kingston            | 1500N                       | 08037W     | G435/UG435                             | O/P                       |
| <b>ARPAR</b>                                              | ----- | X      | Amazônica                  | 10 30.90S                   | 059 17.18W | UL201 UM402                            |                           |
| ARPAT                                                     | -     | X      | Asunción                   | 2212S                       | 05734W     | UA300                                  |                           |
| <b>ARTIK</b>                                              | ----- | X      | Amazônica                  | 07 37.53S                   | 068 33.99W | UL306 UL417                            |                           |
| ARTOM                                                     | -     | X      | Guayaquil/Central Amer.    | 0125N                       | 08729W     | UL344                                  | O/P                       |
| <b>ARUBI</b>                                              | ----- | X      | Recife / Brasília          | 17 09.56S                   | 041 28.01W | W1                                     |                           |
| <b>ARUNU</b>                                              | ----- | X      | Atlântica                  | 00 34.35S                   | 027 19.68W | UL206 UL375                            | O/P                       |
| <b>ARUSI</b>                                              | ----- | X      | Atlântica / Rochambeau     |                             | 06 25.00N  | 037 20.00W                             | UL695                     |
| <b>ARUXA</b>                                              | ----- | X      | Amazônica / Bogotá         | 03 28.94S                   | 069 47.70W | UL417                                  |                           |
| <b>ASANU</b>                                              | ----- | X      | Atlântica                  | 03 49.78S                   | 021 10.35W | UL327 UL695                            | O/P                       |
| <b>ASAPA</b>                                              | ----- | X      | Amazônica / Bogotá         | 03 01.26S                   | 069 42.86W | UL655                                  |                           |
| <b>ASDEK</b>                                              | ----- | X      | Curitiba                   | 28 35.69S                   | 051 20.84W | UA310 UM788 UM792                      |                           |
| <b>ASDOK</b>                                              | ----- | X      | Atlântica / Dacar          | 01 36.82S                   | 022 26.42W | UL330                                  | O/P                       |
| <b>ASEPO</b>                                              | ----- | X      | Recife                     | 06 37.06S                   | 034 02.46W | B623 W41 UB623                         | O/P                       |
| <b>ASOLA</b>                                              | ----- | X      | Amazônica / Lima           | 09 47.70S                   | 070 58.38W | UR559                                  |                           |
| <b>ASONO</b>                                              | ----- | X      | Curitiba                   | 24 15.92S                   | 046 58.47W | G678                                   |                           |
| <b>ASTOB</b>                                              | ----- | X      | Brasília                   | 20 40.80S                   | 048 49.39W | UL201 UW6 UZ5                          |                           |
| <b>ATASA</b>                                              | ----- | X      | Atlântica                  | 21 33.03S                   | 030 00.00W | UL340                                  | O/P                       |
| ATEDA                                                     | -     | X      | Antofagasta                | 2731S                       | 07226W     | G675/UL302                             | O/P                       |
| <b>ATEXO</b>                                              | ----- | X      | Curitiba                   | 27 18.15S                   | 048 00.51W | G677                                   | O/P                       |
| <b>ATITA</b>                                              | ----- | X      | Amazônica /<br>Rochambeau  | 02 14.98N                   | 053 55.53W | UB680                                  |                           |
| AVILA                                                     | UCA   | VDN    | Habana                     | 2200N                       | 07848W     | A301/UA301/G437/UG437/G430/UG430       |                           |
| <b>AZOIC</b>                                              | ----- | X      | Amazônica / Brasília       | 10 17.21S                   | 047 42.48W | UZ25                                   |                           |
| <b>BAGÉ</b>                                               | BGE   | VN     | Curitiba                   | 31 23.44S                   | 054 06.59W | A310 A314 G680 UA314 UG680 UM788 UN741 |                           |
| <b>BAIAN</b>                                              | ----- | X      | Brasília / Recife          | 14 37.43S                   | 045 46.03W | W10 UW10                               |                           |

| ATS/MET reporting point/<br>Punto de notificación ATS/MET |                   | NAVAID | FIR/UIR                          | Coordinates/<br>Coordenadas |            | ATS routes<br>/rutas ATS                                                                                                                                                                                               | Remarks/<br>Observaciones |
|-----------------------------------------------------------|-------------------|--------|----------------------------------|-----------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Name/Nombre                                               | Cod.              |        |                                  | Lat.                        | Long.      |                                                                                                                                                                                                                        |                           |
| 1                                                         | 2                 | 3      | 4                                | 5                           | 6          | 7                                                                                                                                                                                                                      | 8                         |
| BALMACEDA                                                 | BAL<br>UG550/G675 | VDN    | C. Rivadavia/Pto. Montt          | 4555S                       | 07143W     |                                                                                                                                                                                                                        |                           |
| <b>BARBACENA</b>                                          | BBC               | N      | Brasília                         | 21 16.02S                   | 043 45.85W | UA312 UN873 UZ14 UZ15 UZ28                                                                                                                                                                                             |                           |
| <b>BARCELOS</b>                                           | BRL               | N      | Amazônica                        | 00 58.53S                   | 062 55.25W | W12                                                                                                                                                                                                                    |                           |
| <b>BARGE</b>                                              | ----              | X      | Amazônica                        | 08 22.21S                   | 061 21.28W | UA316 UL201                                                                                                                                                                                                            |                           |
| <b>BARKA</b>                                              | ----              | X      | Recife                           | 07 57.77S                   | 044 10.90W | UZ4 UZ5                                                                                                                                                                                                                |                           |
| BARRANCABERMEJA                                           | EJA               | VDN    | Bogotá                           | 0659N                       | 07348W     | A301/UG431                                                                                                                                                                                                             |                           |
| BARRANQUILLA                                              | BAQ               | VDN    | Barranquilla                     | 1048N                       | 07452W     | A301/UA301                                                                                                                                                                                                             |                           |
| <b>BARREIRAS</b>                                          | BRR               | VN     | Recife                           | 12 04.80S                   | 045 00.43W | W2 UW5 UW43 UW44                                                                                                                                                                                                       |                           |
| <b>BAURU</b>                                              | BRU               | N      | Curitiba                         | 22 18.84S                   | 049 06.43W | A304 W7 W13 W51 W58 UL655<br>UM654 UM782 UW6 UW45 UW48<br>UW53 UW62 UZ5 UZ21                                                                                                                                           |                           |
| <b>BELÉM</b>                                              | BEL               | VDN    | Amazônica                        | 01 23.06S                   | 048 28.72W | A555 A566 G443 G449 G677 W4<br>W9 W27 UA555 UG449 UW5 UW6<br>UW33 UZ3 UZ7 UZ26                                                                                                                                         |                           |
| <b>BELO HORIZONTE</b>                                     | BHZ               | VDN    | Brasília                         | 19 50.15S                   | 044 00.21W | W17 UB680 UW5 UW11 UW13<br>UZ16                                                                                                                                                                                        |                           |
| BENET                                                     | -                 | X      | Kingston/<br>Port-au-Prince      | 1815N                       | 07440W     | G633/UG633                                                                                                                                                                                                             | O/P                       |
| BEROX                                                     | -                 | X      | Sto. Domingo/Curaçao             | 1600N                       | 07004W     | A567/UA567                                                                                                                                                                                                             | O/P                       |
| <b>BETAR</b>                                              | ----              | X      | Brasília / Recife                | 12 01.31S                   | 046 53.46W | UZ2                                                                                                                                                                                                                    |                           |
| <b>BIDEV</b>                                              | ----              | X      | Recife                           | 16 14.03S                   | 038 58.34W | UN857 UW50                                                                                                                                                                                                             |                           |
| <b>BILUX</b>                                              | ----              | X      | Atlântica                        | 05 49.14S                   | 026 13.76W | UL330                                                                                                                                                                                                                  | O/P                       |
| <b>BIRTI</b>                                              | ----              | X      | Recife                           | 11 16.65S                   | 042 36.35W | UM654 UZ27                                                                                                                                                                                                             |                           |
| <b>BITAK</b>                                              | ----              | X      | Brasília                         | 23 37.81S                   | 043 38.28W | G677                                                                                                                                                                                                                   | O/P                       |
| <b>BLESS</b>                                              | ----              | X      | Recife                           | 15 23.51S                   | 039 52.85W | UZ14                                                                                                                                                                                                                   |                           |
| <b>BLOCK</b>                                              | ----              | X      | Recife                           | 13 49.74S                   | 038 43.61W | UZ10                                                                                                                                                                                                                   | O/P                       |
| <b>BOA VISTA</b>                                          | BVI               | VDN    | Amazônica                        | 02 51.13N                   | 060 14.22W | B681 G678 UA300 UB681 UL304<br>UZ23                                                                                                                                                                                    |                           |
| <b>BODAK</b>                                              | ----              | X      | Atlântica                        | 01 35.92N                   | 029 59.78W | UB623 UL375 UL695                                                                                                                                                                                                      | O/P                       |
| BOKAN                                                     | -                 | X      | Guayaquil/Bogotá                 | 0048N                       | 07752W     | UA550                                                                                                                                                                                                                  |                           |
| BOLAS                                                     | -                 | X      | Recife                           | 1209S                       | 04130W     | UB695                                                                                                                                                                                                                  |                           |
| <b>BOLIR</b>                                              | ----              | X      | Assunção                         | 24 52.86S                   | 054 31.63W | UB554 UL301                                                                                                                                                                                                            |                           |
| <b>BOMAL</b>                                              | ----              | X      | Brasília / Amazônica             | 10 20.59S                   | 050 53.39W | UW12 UZ24                                                                                                                                                                                                              |                           |
| <b>BRACO</b>                                              | ----              | X      | Amazônica / Bogotá               | 01 44.67N                   | 069 51.44W | UA323                                                                                                                                                                                                                  |                           |
| <b>BRANCO</b>                                             | RBC               | VDN    | Amazônica                        | 09 52.31S                   | 067 53.72W | A301 A430 A685 W10 UA301<br>UA321 UB554 UL309 UL417<br>UR550 UR558 UW10 UW17<br>G449 G678 W2 W10 W49 W50<br>W56 UA317 UB688 UB695 UL304<br>UL776 UW1 UW2 UW6 UW10<br>UW11 UW12 UW43 UW55 UZ2<br>UZ5 UZ6 UZ24 UZ25 UZ26 |                           |
| <b>BRASÍLIA</b>                                           | BRS               | VDN    | Brasília                         | 15 52.42S                   | 048 01.28W | UM654 UR563                                                                                                                                                                                                            |                           |
| <b>BRICK</b>                                              | ----              | X      | Curitiba                         | 27 41.72S                   | 052 46.83W | UZ16                                                                                                                                                                                                                   |                           |
| <b>BRIDE</b>                                              | ----              | X      | Recife / Brasília                | 17 34.24S                   | 040 40.71W | A317/UA317                                                                                                                                                                                                             | O/P                       |
| BUFEO                                                     | -                 | X      | Central Amer./Panamá             | 0949N                       | 08235W     | UL206 UR551                                                                                                                                                                                                            | O/P                       |
| <b>BUGAT</b>                                              | ----              | X      | Recife                           | 03 37.15S                   | 029 14.59W | A321/UA321                                                                                                                                                                                                             | O/P                       |
| BUSMO                                                     | -                 | X      | Panamá/Bogotá                    | 0643N                       | 07820W     | UL206 UL695                                                                                                                                                                                                            | O/P                       |
| <b>BUTAP</b>                                              | ----              | X      | Atlântica                        | 00 15.83S                   | 027 08.22W | UN873                                                                                                                                                                                                                  |                           |
| <b>BUXER</b>                                              | ----              | X      | Recife / Brasília                | 17 09.37S                   | 041 20.79W |                                                                                                                                                                                                                        |                           |
| BUXEX                                                     | -                 | X      | Rochambeau/<br>Paramaribo        | 0645N                       | 05400W     | UA555                                                                                                                                                                                                                  | O/P                       |
| CABO ROJO                                                 | CRO               | V      | Santo Domingo/<br>Port-au-Prince | 1755N                       | 07139W     | B520/UB520                                                                                                                                                                                                             | O/P                       |
| <b>CALAN</b>                                              | ----              | X      | Amazônica                        | 02 10.18N                   | 050 42.43W | UA555                                                                                                                                                                                                                  |                           |
| <b>CALVO</b>                                              | ----              | X      | Brasília / Recife                | 18 25.73S                   | 039 00.75W | UL206                                                                                                                                                                                                                  | O/P                       |
| <b>CAMPO GRANDE</b>                                       | CGR               | VDN    | Curitiba                         | 20 28.13S                   | 054 40.23W | A304 A430 W7 W29 W47 W58<br>UB554 UM544 UW19 UW28 UW29<br>UW50 UW52 UW60 UW62 UZ22                                                                                                                                     |                           |

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|-----------------------------------------------------------|------|--------|---------------------------|-----------------------------|-------------|------------------------------|---------------------------|
| Name/Nombre                                               | Cod. |        |                           | Lat.                        | Long.       |                              |                           |
| 1                                                         | 2    | 3      | 4                         | 5                           | 6           | 7                            | 8                         |
| <b>CAMPOS</b>                                             | CPO  | N      | Brasília                  | 21 41.84S                   | 041 18.40W  | UW50 UW65                    |                           |
| CANOA                                                     | -    | X      | Miami/Habana              | 2400N                       | 08304W      | B646/UB646                   | O/P                       |
| <b>CANON</b>                                              | ---- | X      | Amazônica / Brasília      | 12 48.32S                   | 057 03.23W  | UL201                        |                           |
| <b>CARAJÁS</b>                                            | CRJ  | VDN    | Amazônica                 | 06 07.15S                   | 060 00.16W  | W9 UB680                     |                           |
| <b>CARAUARI</b>                                           | CUA  | N      | Amazônica                 | 04 53.24S                   | 066 54.23W  | B552                         |                           |
| <b>CARDO</b>                                              | ---- | X      | Recife / Brasília         | 15 37.64S                   | 044 05.72W  | UN741 UW5 UZ4                |                           |
| <b>CAROLINA</b>                                           | CNA  | VN     | Amazônica                 | 07 19.12S                   | 047 27.29W  | G449                         |                           |
| CARPA                                                     | -    | X      | Santiago/I. de Pascua     | 3200S                       | 09000W      | G224/UL348                   | O/P                       |
| <b>CARVE</b>                                              | ---- | X      | Atlântica                 | 02 41.96N                   | 035V 06.96W | UN741                        | O/P                       |
| CAYO LARGO SUR                                            | UCL  | VDN    | Habana                    | 2136N                       | 08131W      | G448/UG448                   | O/P                       |
| <b>CEIRO</b>                                              | ---- | X      | Amazônica                 | 07 33.80S                   | 072 34.61W  | UL300                        |                           |
| CERES                                                     | ERE  | VD     | Córdoba                   | 2952S                       | 06152W      | UA303/UA307/UA558/UB686/A307 |                           |
| CHARANA                                                   | CHA  | N      | Lima/La Paz               | 1735S                       | 06926W      | UL417                        |                           |
| CHILLAN                                                   | CHI  | VDN    | Santiago                  | 3635S                       | 07202W      | UB679                        |                           |
| <b>CHORD</b>                                              | ---- | X      | Brasília                  | 12 15.82S                   | 049 23.97W  | UG551/UR683                  |                           |
| <b>CIDER</b>                                              | ---- | X      | Brasília / Atlântica      | 24 07.23S                   | 040 13.38W  | UL776 UZ23                   | O/P                       |
| <b>CLARK</b>                                              | ---- | X      | Amazônica / Recife        | 02 55.77S                   | 042 36.54W  | UL224                        |                           |
| <b>CLOTI</b>                                              | ---- | X      | Amazônica                 | 02 07.43S                   | 067 10.09W  | UW33                         |                           |
| <b>CLOVE</b>                                              | ---- | X      | Atlântica                 | 01 05.71N                   | 029 51.65W  | UL201 UL309                  |                           |
| COLBY                                                     | -    | X      | Kingston/Panamá           | 1500N                       | 07832W      | UN857                        | O/P                       |
| <b>CONFINS</b>                                            | CNF  | VD     | Brasília                  | 19 33.49S                   | 044 02.91W  | B510/UB510                   | O/P                       |
| <b>CONGONHAS</b>                                          | CGO  | VD     | Brasília / Curitiba       | 23 37.65S                   | 046 39.28W  | B691 G678 W1 W8 W11 W45      |                           |
| <b>CORUMBÁ</b>                                            | CUB  | VDN    | Curitiba / La Paz         | 19 00.97S                   | 057 39.87W  | UL301 UL310 UM788 UM792      |                           |
| <b>CRANE</b>                                              | ---- | X      | Curitiba                  | 25 25.84S                   | 053 48.93W  | UW24 UW63 UW66               |                           |
| <b>CRATE</b>                                              | ---- | X      | Recife / Brasília         | 17 20.80S                   | 041 08.31W  | A304 W5 UW62                 |                           |
| <b>CRISE</b>                                              | ---- | X      | Brasília                  | 16 31.43S                   | 047 51.61W  | UM548 UW66                   |                           |
| <b>CRUDE</b>                                              | ---- | X      | Atlântica                 | 01 44.25N                   | 033 32.98W  | UZ14                         |                           |
| <b>CRUSH</b>                                              | ---- | X      | Recife / Brasília         | 17 47.44S                   | 040 21.22W  | W2                           |                           |
| <b>CRUZEIRO</b>                                           | CZS  | VDN    | Amazônica / La Paz        | 07 36.41S                   | 072 46.41W  | UN866                        | O/P                       |
| <b>CUARA</b>                                              | ---- | X      | Curitiba / Montevideo     | 30 22.18S                   | 056 26.99W  | UZ15                         |                           |
| <b>CUIABÁ</b>                                             | CIA  | VDN    | Brasília                  | 15 39.36S                   | 056 06.72W  | B552 W10 UW10                |                           |
| <b>CURITIBA</b>                                           | CRT  | VDN    | Curitiba                  | 25 31.92S                   | 049 10.09W  | UL324                        |                           |
| <b>DAGAM</b>                                              | ---- | X      | Atlântica                 | 06 10.68S                   | 017 14.88W  | A430 B652 W5 W10 W47 UB554   |                           |
| DAGAS                                                     | -    | X      | Panamá                    | 1138N                       | 07908W      | UB652 UM782 UW10 UW28 UW45   |                           |
| <b>DAGEL</b>                                              | ---- | X      | Brasília / Recife         | 18 00.40S                   | 039 58.12W  | A431 G449 G678 W1 W26 W48    |                           |
| <b>DALMA</b>                                              | ---- | X      | Recife                    | 10 12.85S                   | 041 27.92W  | UA310 UM548 UW6 UW8 UW19     |                           |
| DANUL                                                     | -    | X      | Central Amer./México      | 2011N                       | 08519W      | UW24 UW47 UW61               |                           |
| <b>DARLO</b>                                              | ---- | X      | Amazônica                 | 05 12.53S                   | 055 22.12W  | UL335 UL695                  | O/P                       |
| DAYMA                                                     | -    | X      | Montevideo                | 3147S                       | 05705       | B510/G445                    | O/P                       |
| <b>DEKON</b>                                              | ---- | X      | Atlântica / Dacar         | 05 13.00N                   | 032 49.89W  | UN857                        |                           |
| <b>DEMIT</b>                                              | ---- | X      | Amazônica                 | 07 14.18S                   | 059 39.44W  | UN741 UZ27                   |                           |
| <b>DEMON</b>                                              | ---- | X      | Recife                    | 15 23.60S                   | 036 54.85W  | A321/UA321/R640/UR640        | O/P                       |
| <b>DENSE</b>                                              | ---- | X      | Brasília                  | 19 14.00S                   | 050 25.08W  | UL304                        |                           |
| <b>DESEX</b>                                              | ---- | X      | Atlântica                 | 14 09.78S                   | 034 03.13W  | UA556/UL324                  |                           |
| DETIK                                                     | -    | X      | Antofagasta               | 2405S                       | 07409W      | UN866                        | O/P                       |
| <b>DIGOR</b>                                              | ---- | X      | Atlântica                 | 00 40.00N                   | 028 40.00W  | UA317 UM402                  |                           |
| <b>DIKEB</b>                                              | ---- | X      | Atlântica                 | 04 29.87N                   | 034 09.29W  | UL206                        | O/P                       |
| DIMAS                                                     | -    | X      | Rochambeau/<br>Paramaribo | 0255N                       | 05410W      | UB688 UB695 UL201            |                           |
| <b>DINER</b>                                              | ---- | X      | Atlântica                 | 13 53.60S                   | 038 30.74W  | UL330                        | O/P                       |
| <b>DO SUL</b>                                             | CXS  | VDN    | Curitiba                  | 29 11.88S                   | 051 11.32W  | UL312                        | O/P                       |
| <b>DOMIC</b>                                              | ---- | X      | Brasília                  | 15 23.43S                   | 053 39.96W  | UL375 UL695                  | O/P                       |
|                                                           |      |        |                           |                             |             | UL375 UL695 UN741            | O/P                       |
|                                                           |      |        |                           |                             |             | UL306                        |                           |
|                                                           |      |        |                           |                             |             | UW50                         | O/P                       |
|                                                           |      |        |                           |                             |             | UM671 UW6 UZ5                |                           |
|                                                           |      |        |                           |                             |             | UM799 UZ21                   |                           |

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| <b>DOURADO</b>                                            | MDD   | N      | Amazônica                           | 00 53.00S                   | 052 36.18W | W4 W15                                                                  |                           |
| <b>DRINK</b>                                              | ----  | X      | Recife                              | 15 40.96S                   | 039 33.13W | UZ10                                                                    |                           |
| <b>DURAM</b>                                              | -     | X      | Central Amer./Panamá                | 1217N                       | 08246W     | R505/UR505                                                              | O/P                       |
| <b>DUXUN</b>                                              | -     | X      | Kingston/Panamá                     | 1500N                       | 07915W     | G437/UG437                                                              | O/P                       |
| <b>EBDEL</b>                                              | -     | X      | Central Amer./Panamá                | 1004N                       | 08822W     | UL318                                                                   | O/P                       |
| <b>EDITE</b>                                              | ----  | X      | Recife                              | 06 54.45S                   | 038 08.40W | UN866 UZ7                                                               |                           |
| <b>EDOLA</b>                                              | ----  | X      | Brasília                            | 19 52.93S                   | 047 34.97W | UM654 UW1 UW59                                                          |                           |
| <b>EDRIP</b>                                              | ----  | X      | Amazônica                           | 00 00.02S                   | 060 24.93W | UA300                                                                   |                           |
| <b>EGDIT</b>                                              | ----  | X      | Amazônica / Georgetown              | 02 00.10N                   | 059 44.54W |                                                                         | UB681                     |
| <b>EGIMI</b>                                              | ----  | X      | Atlântica                           | 06 00.00N                   | 036 20.00W | UL375 UL695                                                             | O/P                       |
| <b>EGOLA</b>                                              | ----- | X      | Brasília                            | 13 06.26S                   | 051 50.35W | G678 UA317 UM799                                                        |                           |
| <b>EGUPA</b>                                              | ----  | X      | Atlântica                           | 02 33.73S                   | 023 17.70W | UL330 UL695                                                             | O/P                       |
| <b>EKALO</b>                                              | ----- | X      | Brasília / Atlântica                | 22 26.03S                   | 038 08.83W | UL340                                                                   | O/P                       |
| <b>ELAKO</b>                                              | -     | X      | Lima/La Paz                         | 1555S                       | 06918W     | UA304                                                                   |                           |
| <b>ELAMO</b>                                              | ----- | X      | Curitiba / Resistência              | 28 05.77S                   | 055 27.86W | UL324                                                                   |                           |
| <b>ELANA</b>                                              | ----- | X      | Amazônica                           | 00 55.09S                   | 067 39.28W | UA317                                                                   |                           |
| <b>ELASA</b>                                              | -     | X      | Antofagasta                         | 2400S                       | 07337W     | UL302                                                                   | O/P                       |
| <b>ELKAS</b>                                              | -     | X      | Miami Oceanic                       | 2728N                       | 07319W     | B646/G431/UB646/UG431                                                   | O/P                       |
| <b>EMTUP</b>                                              | ----- | X      | Atlântica                           | 10 0087S                    | 030 05.47W | UL330                                                                   | O/P                       |
| <b>EMPEX</b>                                              | -     | X      | Antofagasta/La Paz                  | 2731S                       | 06946W     | UL309                                                                   |                           |
| <b>EPODE</b>                                              | ----- | X      | Atlântica                           | 01 19.35N                   | 031 24.74W | UN873                                                                   | O/P                       |
| <b>ERETU</b>                                              | ----  | X      | Atlântica / Dacar                   | 03 07.70N                   | 028 48.00W | UN857                                                                   | O/P                       |
| <b>ESDIN</b>                                              | -     | X      | Lima/Antofagasta                    | 1821S                       | 08012W     | UL401                                                                   | O/P                       |
| <b>ESELA</b>                                              | -     | X      | Asunción/La Paz                     | 2056S                       | 06212W     | UA301/UA320                                                             |                           |
| <b>ESONO</b>                                              | -     | X      | Recife/Dakar                        | 0054S                       | 02548W     | SP1                                                                     | O/P                       |
| <b>ESPIN</b>                                              | ----  | X      | Curitiba                            | 20 55.80S                   | 054 54.88W | UM415 UM544                                                             |                           |
| <b>ESTER</b>                                              | ----  | X      | Brasília                            | 17 10.70S                   | 055 07.88W | UL655 UM799                                                             |                           |
| <b>ETANO</b>                                              | ----- | X      | Brasília / Curitiba                 | 24 27.48S                   | 044 35.24W | G677 UA314                                                              | O/P                       |
| <b>ETAXO</b>                                              | ----  | X      | Atlântica                           | 15 51.40S                   | 010 00.00W | UL375                                                                   | O/P                       |
| <b>ETIMO</b>                                              | ----  | X      | Atlântica                           | 05 02.69S                   | 022 28.52W | UL327 UL375                                                             | O/P                       |
| <b>EUDES</b>                                              | ----- | X      | Recife / Brasília                   | 18 16.14S                   | 039 29.86W | G677 UW50                                                               | O/P                       |
| <b>FALLA</b>                                              | -     | X      | Central Amer./Panamá                | 1326N                       | 08240W     | A552/UA552                                                              | O/P                       |
| <b>FEMUR</b>                                              | ----  | X      | Recife                              | 03 38.04S                   | 034 02.17W | UN873                                                                   | O/P                       |
| <b>FHAW</b>                                               | ----  | X      | Atlântica                           | 07 58.20S                   | 014 23.60W | UL695                                                                   | O/P                       |
| <b>FLAND</b>                                              | ----- | X      | Brasília                            | 17 30.04S                   | 046 09.26W | UA312 UM654 UZ28                                                        |                           |
| <b>FLIRT</b>                                              | ----- | X      | Brasília / Recife                   | 17 43.22S                   | 040 28.73W | UZ10                                                                    |                           |
| <b>FLOCK</b>                                              | ----  | X      | Recife                              | 10 58.83S                   | 039 32.82W | UW10 UZ20                                                               |                           |
| <b>FLORIANÓPOLIS</b>                                      | FLN   | N      | Curitiba                            | 27 41.72S                   | 048 30.03W | W45 UA314 UW19 UW21 UW25                                                |                           |
| <b>FLUTE</b>                                              | ----- | X      | Recife                              | 08 45.04S                   | 032 30.59W | UL206                                                                   | O/P                       |
| <b>FORTALEZA</b>                                          | FLZ   | VDN    | Recife                              | 03 46.33S                   | 038 32.87W | G677 W1 W44 UM654 UN741<br>UW13 UW33 UW43 UW44 UZ1<br>UZ18 UZ19<br>UW13 |                           |
| <b>FORTI</b>                                              | ----  | X      | Brasília / Recife                   | 16 22.47S                   | 042 49.54W |                                                                         |                           |
| <b>FOZ</b>                                                | FOZ   | VD     | Curitiba / Resistência/<br>Assunção | 25 35.00S                   | 054 30.21W | A431 R563 W13 UA307 UB554<br>UB688 UL324 UR563 UW8 UW48<br>UW66 UZ18    |                           |
| <b>FRONT</b>                                              | ----- | X      | Brasília / Recife                   | 13 36.62S                   | 046 12.48W | W2 UW43                                                                 |                           |
| <b>GAMBA</b>                                              | -     | X      | Isla de Pascua                      | 2950S                       | 10000W     | G224/UL348                                                              | O/P                       |
| <b>GABRIEL</b>                                            | SGC   | VDN    | Amazônica                           | 00 09.04S                   | 066 59.11W | W12 W25 UA323 UL216 UL309                                               |                           |
| <b>GALOT</b>                                              | ----  | X      | Recife                              | 05 24.22S                   | 033 20.32W | B623 W41                                                                | O/P                       |
| <b>GAMOT</b>                                              | ----- | X      | Curitiba / Montevideo               | 30 56.67S                   | 055 29.62W | UA432 UM654                                                             |                           |
| <b>GARÇAS</b>                                             | BAG   | VDN    | Brasília                            | 15 51.21S                   | 052 23.74W | W10 UL795 UW9 UW53                                                      |                           |
| <b>GARUP</b>                                              | ----- | X      | Brasília / Atlântica                | 18 51.77S                   | 037 40.37W | UL335                                                                   | O/P                       |
| <b>GATUM</b>                                              | ----- | X      | Atlântica                           | 18 44.03S                   | 015 00.00W | UL340                                                                   | O/P                       |
| <b>GATUR</b>                                              | -     | X      | Santiago                            | 3026S                       | 07213W     | UL312                                                                   | O/P                       |
| <b>GAVEL</b>                                              | ----  | X      | Curitiba                            | 30 20.64S                   | 052 39.11W | UA310 UA432                                                             |                           |

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| <b>GAXOR</b>                                              | ---- | X      | Amazônica / Georgetown | 01 19.92N                   | 058 59.88W |                                         | UB681                     |
| <b>GEBIT</b>                                              | ---- | X      | Recife                 | 10 00.83S                   | 037 57.42W | UW10 UW50                               |                           |
| <b>GEBUN</b>                                              | ---- | X      | Curitiba / Resistência | 26 34.67S                   | 053 46.76W | R563 UL310 UR563                        |                           |
| GEKAL                                                     | -    | X      | Antofagasta/Córdoba    | 2747S                       | 06905W     | UL650                                   |                           |
| GELIS                                                     | -    | X      | Antofagasta/Lima       | 1821S                       | 07327W     | UA303                                   | O/P                       |
| <b>GEMAS</b>                                              | ---- | X      | Curitiba / Assunção    | 24 20.70S                   | 054 18.80W | A428                                    |                           |
| <b>GEMOL</b>                                              | ---- | X      | Amazônica / Georgetown | 04 21.38N                   | 059 41.23W | B681 UB681                              |                           |
| GERSO                                                     | -    | X      | La Paz                 | 1109S                       | 06733W     | UR550                                   |                           |
| GESPA                                                     | -    | X      | Córdoba/La Paz         | 2205S                       | 06527W     | UR550                                   |                           |
| <b>GIANT</b>                                              | ---- | X      | Recife                 | 11 35.57S                   | 034 21.83W | UL206                                   | O/P                       |
| <b>GOIÂNIA</b>                                            | GOI  | VDN    | Brasília               | 16 37.95S                   | 049 12.93W | W10 W24 W29 UW10 UW15<br>UW29 UW54 UW59 |                           |
| <b>GONZA</b>                                              | ---- | X      | Recife                 | 15 12.37S                   | 040 14.64W | UN873 UW58                              |                           |
| GRAND TURK                                                | GTK  | VDN    | Miami                  | 2126N                       | 07108W     | A554/A555/UA554/UA555                   | O/P                       |
| GRANN                                                     | -    | X      | New York/San Juan      | 2330N                       | 06548W     | G432/UG432                              | O/P                       |
| <b>GROIN</b>                                              | ---- | X      | Recife                 | 12 40.72S                   | 044 07.74W | UZ4 UZ27                                |                           |
| <b>GROPE</b>                                              | ---- | X      | Curitiba / Brasília    | 21 28.30S                   | 049 55.90W | UZ22                                    |                           |
| <b>GROSP</b>                                              | ---- | X      | Amazônica              | 02 04.06S                   | 066 18.04W | UA317 UL216                             |                           |
| <b>GRUDE</b>                                              | ---- | X      | Recife                 | 13 04.67S                   | 040 34.73W | UW42 UZ1                                |                           |
| <b>GUAJARÁ</b>                                            | GJM  | N      | Amazônica              | 10 46.67S                   | 065 20.30W | A685 W3                                 |                           |
| <b>GUSOD</b>                                              | ---- | X      | Atlântica              | 14 39.96S                   | 033 18.18W | UL327                                   | O/P                       |
| <b>GUVEP</b>                                              | ---- | X      | Curitiba               | 25 34.79S                   | 051 45.56W | A431                                    |                           |
| HENRY                                                     | -    | X      | Maiquetia              | 1305N                       | 06439W     | A300/UA300                              |                           |
| <b>IAURETE</b>                                            | YAU  | N      | Amazônica              | 00 35.98N                   | 069 11.03W | W12 W21                                 |                           |
| <b>IBAGA</b>                                              | ---- | X      | Recife                 | 05 19.07S                   | 034 55.97W | UN873                                   | O/P                       |
| IBERT                                                     | -    | X      | Georgetown             | 0723N                       | 05733W     | G449/UG449                              |                           |
| <b>IDIoT</b>                                              | ---- | X      | Brasília / Amazônica   | 12 38.55S                   | 055 22.08W | UZ21                                    |                           |
| <b>IGAPO</b>                                              | ---- | X      | Amazônica              | 05 36.17S                   | 061 49.52W | UA317 UW3                               |                           |
| <b>ILBEK</b>                                              | ---- | X      | Curitiba               | 25 40.59S                   | 051 27.47W | UL310 UM654 UW8                         |                           |
| <b>ILGER</b>                                              | ---- | X      | Atlântica / Luanda     | 17 27.03S                   | 010 00.00W | UL340                                   | O/P                       |
| <b>ILHÉUS</b>                                             | YLH  | N      | Recife                 | 14 48.73S                   | 039 02.20W | G677 W1                                 |                           |
| <b>ILRES</b>                                              | ---- | X      | Amazônica/La Paz       | 13 09.39S                   | 062 21.20W | UA316                                   |                           |
| <b>IMPERATRIZ</b>                                         | YTZ  | VDN    | Amazônica              | 05 31.43S                   | 047 26.99W | G449 W22 UW5 UW16 UZ3 UZ25              |                           |
| <b>INPUT</b>                                              | ---- | X      | Amazônica              | 00 54.37S                   | 058 01.34W | UL306 UZ23                              |                           |
| <b>INTEL</b>                                              | ---- | X      | Amazônica              | 07 14.35S                   | 047 32.53W | UM799 UZ25                              |                           |
| <b>INTOL</b>                                              | ---- | X      | Atlântica / Recife     | 01 21.65S                   | 032 49.89W | UN873                                   | O/P                       |
| <b>IQUITOS</b>                                            | IQT  | V      | Lima                   | 0380S                       | 07332W     | UA321/UA565/UA566/UG427<br>UG430        |                           |
| IREMI                                                     | -    | X      | Lima/Antofagasta       | 1821S                       | 07524W     | G675/UL302                              | O/P                       |
| <b>ISANI</b>                                              | ---- | X      | Amazônica / Maiquetia  | 04 14.98N                   | 061 35.53W | UL304                                   |                           |
| <b>ISENA</b>                                              | ---- | X      | Amazônica / Brasília   | 14 22.01S                   | 058 12.01W | UL655                                   |                           |
| ISETO                                                     | -    | X      | Bogotá                 | 0230N                       | 07850W     | G426/UG426                              | O/P                       |
| ISLOTE SAN PEDRO                                          | ISP  | VDN    | Punta Arenas           | 4743S                       | 07455W     | UG551                                   |                           |
| <b>ISUPA</b>                                              | ---- | X      | Atlântica              | 07 43.15S                   | 019 31.69W | UL335 UL375                             | O/P                       |
| <b>ITACOATIARA</b>                                        | YTC  | N      | Amazônica              | 03 07.16S                   | 058 28.85W | A566                                    |                           |
| <b>ITAITUBA</b>                                           | YUB  | N      | Amazônica              | 04 14.33S                   | 056 00.28W | W12 W23                                 |                           |
| <b>ITAMA</b>                                              | ---- | X      | Amazônica / Brasília   | 14 13.46S                   | 058 03.84W | W10 UW10                                |                           |
| <b>ITGIV</b>                                              | ---- | X      | Atlântica/Johannesburg |                             |            |                                         |                           |
|                                                           |      |        | Oceannic               | 32 56.00S                   | 010 00.00W | UL224                                   | O/P                       |
| <b>JACAREACANGA</b>                                       | JAC  | VDN    | Amazônica              | 06 14.14S                   | 057 46.24W | G678 W23 UA315                          |                           |
| <b>JOBER</b>                                              | ---- | X      | Atlântica / Recife     | 00 56.78S                   | 037 02.88W | UN741                                   | O/P                       |
| JOSES                                                     | -    | X      | Miami/Port au Prince   | 2010N                       | 07312W     | A315/UA315                              | O/P                       |
| <b>JOUST</b>                                              | ---- | X      | Amazônica              | 05 33.23S                   | 064 42.73W | UL306 UM782                             |                           |
| <b>JUAZEIRO</b>                                           | JZR  | N      | Recife                 | 07 12.83S                   | 039 16.47W | UZ1                                     |                           |
| <b>JUDAS</b>                                              | ---- | X      | Recife                 | 13 48.97S                   | 039 04.55W | UW58                                    |                           |
| <b>JUJUY</b>                                              | JUJ  | VDN    | Córdoba                | 2424S                       | 06505W     | UA558                                   |                           |

| ATS/MET reporting point/<br>Punto de notificación ATS/MET |            | NAVAID | FIR/UIR                 | Coordinates/<br>Coordenadas |            | ATS routes<br>/rutas ATS                                                                            | Remarks/<br>Observaciones |
|-----------------------------------------------------------|------------|--------|-------------------------|-----------------------------|------------|-----------------------------------------------------------------------------------------------------|---------------------------|
| Name/Nombre                                               | Cod.       |        |                         | Lat.                        | Long.      |                                                                                                     |                           |
| 1                                                         | 2          | 3      | 4                       | 5                           | 6          | 7                                                                                                   | 8                         |
| JURAK                                                     | -          | X      | Antofagasta             | 2447S                       | 07637W     | UL401                                                                                               | O/P                       |
| JURIS                                                     | ----       | X      | Amazônica               | 05 18.06S                   | 067 27.83W | UL309 UL655                                                                                         |                           |
| KABUK                                                     | ----       | X      | Atlântica               | 28 03.98S                   | 030 00.00W | UL224                                                                                               | O/P                       |
| KADAT                                                     | -          | X      | Antofagasta/Córdoba     | 2323S                       | 06708W     | UR560                                                                                               |                           |
| KALAD                                                     | ----       | X      | Curitiba / Assunção     | 23 43.20S                   | 055 29.30W | UB695                                                                                               |                           |
| KAMUR                                                     | -          | X      | Santiago/Mendoza        | 3709S                       | 07109W     | UR683                                                                                               |                           |
| KARUM                                                     | -          | X      | Sto. Domingo/Curaçao    |                             | 1600N      | 06918W                                                                                              |                           |
|                                                           | G446/UG446 | O/P    |                         |                             |            |                                                                                                     |                           |
| KASOR                                                     | -          | X      | Kingston/Panamá         | 1500N                       | 07747W     | G434/UG434                                                                                          | O/P                       |
| KETIS                                                     | -          | X      | Ezeiza                  | 4014S                       | 03000W     | UL211F                                                                                              | O/P                       |
| KIDAN                                                     | ----       | X      | Recife                  | 08 40.24S                   | 035 46.92W | UW10                                                                                                |                           |
| KIKAS                                                     | -          | X      | Bototá/Maiquetia        | 0701N                       | 07158W     | UA550                                                                                               |                           |
| KILOS                                                     | -          | X      | Ezeiza                  | 4015S                       | 04500W     | UL211F                                                                                              | O/P                       |
| KIMOK                                                     | ----       | X      | Atlântica               | 32 03.00S                   | 015 00.00W | UL224                                                                                               | O/P                       |
| KODOS                                                     | ----       | X      | Atlântica / Dacar       | 01 12.18S                   | 026 13.02W | UL206                                                                                               | O/P                       |
| KONOS                                                     | ----       | X      | Recife                  | 05 30.92S                   | 034 42.43W | W40                                                                                                 | O/P                       |
| KONRI                                                     | -          | X      | Córdoba/Antofagasta     | 2407S                       | 06732W     | UA303/UL550                                                                                         |                           |
| KORAN                                                     | ----       | X      | Recife / Brasília       | 13 55.43S                   | 046 04.33W | UZ18                                                                                                |                           |
| KORPU                                                     | -          | X      | Panamá                  | 0717N                       | 07934W     | G437/UG437                                                                                          | O/P                       |
| KOVEX                                                     | -          | X      | Bogotá/Maiquetia        | 0636N                       | 06949W     | UG427                                                                                               |                           |
| LA DIVINA PASTORA                                         | LDP        | VDN    | Amazônica / Maiquetia   | 04 41.58N                   | 061 01.63W | G678                                                                                                |                           |
| LAS LOMITAS                                               | ITA        | V      | Resistencia             | 2444S                       | 06033W     | UA301                                                                                               |                           |
| LA PAZ                                                    | PAZ        | VDN    | La Paz                  | 1630S                       | 06813W     | UA320                                                                                               |                           |
| LAPA                                                      | LAP        | VDN    | Recife                  | 13 18.88S                   | 043 24.49W | W8 W10 W42 UW10 UW14 UW42                                                                           |                           |
| LEARS                                                     | -          | X      | Miami                   | 2830N                       | 07127W     | A554/B646/UB646                                                                                     | O/P                       |
| LEGUIZANO                                                 | LGM        | N      | Lima/Bogotá             | 0011S                       | 07445W     | UA321/UG430/UR567                                                                                   |                           |
| LEMIS                                                     | ----       | X      | Amazônica               | 04 27.21S                   | 048 26.26W | UW6 UZ26                                                                                            |                           |
| LENOM                                                     | -          | X      | Port-au-Prince/Curaçao  |                             | 1700N      | 07240W                                                                                              | UG444                     |
|                                                           | O/P        |        |                         |                             |            |                                                                                                     |                           |
| LETÍCIA                                                   | LET        | VDN    | Amazônica / Bogotá      | 04 11.52S                   | 069 56.33W | A301 A566 UA301 UA566                                                                               |                           |
| LEVOR                                                     | -          | X      | Kingston/Panamá         | 1500N                       | 08135W     | G448/UG448                                                                                          | O/P                       |
| LICOR                                                     | ----       | X      | Amazônica / Recife      | 04 15.36S                   | 044 04.65W | UZ7                                                                                                 |                           |
| LIDOL                                                     | -          | X      | Curaçao                 | 1504N                       | 97312W     | A319/G442/UA319/UG442/UG444                                                                         | O/P                       |
| LIMPO                                                     | ----       | X      | Amazônica / SPIM        | 04 53.06S                   | 072 21.99W | UA321                                                                                               |                           |
| LIVER                                                     | ----       | X      | Brasília                | 19 12.47S                   | 052 49.47W | UL655 UW29                                                                                          |                           |
| LIXAS                                                     | -          | X      | Guayaquil/Central Amer. | 0125N                       | 08256W     | UG436                                                                                               | O/P                       |
| LODUR                                                     | ----       | X      | Curitiba / Resistência  | 26 52.93S                   | 053 41.22W | UM400                                                                                               |                           |
| LOGAL                                                     | -          | X      | Guayaquil/Central Amer. | 0125N                       | 08855W     | UL312                                                                                               | O/P                       |
| LOKIM                                                     | ----       | X      | Atlântica               | 11 20.00S                   | 015 00.00W | UL375                                                                                               | O/P                       |
| LONDRINA                                                  | LON        | VDN    | Curitiba                | 23 20.37S                   | 051 06.75W | UW19 UW48 UW49 UW51                                                                                 |                           |
| LOPAT                                                     | -          | X      | Brasília                | 2821S                       | 02000W     | UL224                                                                                               | O/P                       |
| LUMAX                                                     | ----       | X      | Amazônica               | 01 46.35S                   | 061 13.03W | UR640 UZ6                                                                                           |                           |
| MACEIÓ                                                    | MCO        | N      | Recife                  | 09 30.76S                   | 035 47.53W | G677                                                                                                |                           |
| MADKO                                                     | ----       | X      | Amazônica               | 00 00.02S                   | 061 26.14W | UA315                                                                                               |                           |
| MADRE                                                     | ----       | X      | Amazônica               | 00 42.64N                   | 049 55.41W | A555 G443                                                                                           |                           |
| MAGNO                                                     | ----       | X      | Recife / Atlântica      | 01 44.63S                   | 035 27.64W | UN866                                                                                               | O/P                       |
| MANAUS                                                    | MAN        | VD     | Amazônica               | 03 02.20S                   | 060 07.50W | A566 G678 W3 W12 W27 UA300<br>UA315 UA316 UA323 UA566 UL306<br>UM402 UR640 UW3 UW9 UW17<br>UW33 UZ6 |                           |
| MANICORÉ                                                  | MCR        | N      | Amazônica               | 05 48.43S                   | 061 16.92W | W3                                                                                                  |                           |
| MANZANILLO                                                | UMZ        | VD     | Habana                  | 2118N                       | 07706W     | B503/UB503                                                                                          | O/P                       |
| MARABÁ                                                    | MRB        | VDN    | Amazônica               | 05 22.09S                   | 049 08.12W | W4                                                                                                  |                           |
| MARICÁ                                                    | MRC        | VD     | Brasília                | 22 58.06S                   | 042 53.49W | G677 G678 UA314 UL224 UN857 UW50                                                                    |                           |
| MARMA                                                     | -          | X      | Panamá                  | 1031N                       | 07928W     | B689/UB689                                                                                          | O/P                       |
| MASON                                                     | ----       | X      | Amazônica               | 07 33.35S                   | 065 13.27W | UL655 UW17                                                                                          |                           |
| MATRA                                                     | ----       | X      | Amazônica               | 01 59.12S                   | 052 06.83W | UB680 UW33                                                                                          |                           |
| MAVIK                                                     | ----       | X      | Brasília                | 20 31.70S                   | 045 06.39W | UA317 UW58                                                                                          |                           |
| MEDAL                                                     | ----       | X      | Recife / Atlântica      | 00 49.97S                   | 031 05.19W | B623 UB623                                                                                          | O/P                       |

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| <b>MEDIT</b>                                              | ----  | X      | Recife                     | 11 07.69S                   | 036 14.19W | UN857                                      | O/P                       |
| <b>MELEM</b>                                              | ----  | X      | Atlântica                  | 09 09.80S                   | 021 41.32W | UL335                                      | O/P                       |
| MELO                                                      | MLO   | VN     | Curitiba / Montevideo      | 3220S                       | 05413W     | UA302/UA308/UA310/UA425/UB449              |                           |
| MIKOK                                                     | -     | X      | Rochambeau/<br>Paramaribo  | 0515N                       | 05418W     | UG443                                      |                           |
| MILAT                                                     | -     | X      | Panamá                     | 0718N                       | 07924W     | G426/UG426                                 | O/P                       |
| <b>MILTA</b>                                              | ----- | X      | Recife / Brasília          | 17 08.14S                   | 041 30.49W | UZ1                                        |                           |
| MILUX                                                     | -     | X      | Rochambeau/<br>Paramaribo  | 0615N                       | 05400W     | A555                                       | O/P                       |
| <b>MITU</b>                                               | MTU   | VDN    | Amazônica / Bogotá         | 01 15.88N                   | 070 12.83W | UA317 UL201 UM782                          |                           |
| <b>MONIC</b>                                              | ----  | X      | Amazônica                  | 01 44.07S                   | 063 14.05W | UA323                                      |                           |
| <b>MOPIM</b>                                              | ----  | X      | Amazônica                  | 07 36.43S                   | 048 23.71W | UW6 UZ26                                   |                           |
| <b>MORGA</b>                                              | ----  | X      | Brasília                   | 18 36.82S                   | 042 11.27W | UN873 UZ16                                 |                           |
| <b>MOSSORÓ</b>                                            | MSS   | VDN    | Recife                     | 05 11.83S                   | 037 21.87W | G677 W46 UN866 UW14 UW23<br>UW33 UW50 UZ27 |                           |
| MONTE QUEMADO                                             | MTQ   | V      | Córdoba                    | 2545S                       | 05252W     |                                            |                           |
| MORSI                                                     | -     | X      | Ezeiza                     | 4015S                       | 02000W     | UL211F                                     | O/P                       |
| MUDAR                                                     | -     | X      | Lima/Antofagasta           | 1821S                       | 07545W     | UL312                                      | O/P                       |
| MUNES                                                     | -     | X      | Ezeiza/Cape Town           | 4020S                       | 01000W     | UL211F                                     | O/P                       |
| <b>MOZ</b>                                                | MOZ   | N      | Amazônica                  | 01 45.02S                   | 052 14.03W | A566                                       |                           |
| <b>NABOL</b>                                              | ----- | X      | Brasília / Amazônica       | 10 33.67S                   | 053 11.76W | UZ6                                        |                           |
| <b>NAFTA</b>                                              | ----  | X      | Amazônica                  | 03 43.33S                   | 065 42.51W | UL201 UL216                                |                           |
| <b>NAMBI</b>                                              | ----- | X      | Atlântica                  | 01 17.30N                   | 030 08.16W | B623 UB623                                 | O/P                       |
| <b>NANDA</b>                                              | ----- | X      | Amazônica                  | 06 26.89S                   | 058 08.07W | UW9                                        |                           |
| <b>NANIK</b>                                              | ----- | X      | Atlântica / Dacar          | 06 20.50N                   | 033 10.34W | UN741                                      | O/P                       |
| <b>NASAL</b>                                              | ----  | X      | Amazônica                  | 08 38.15S                   | 057 46.54W | UA317 UZ21                                 |                           |
| NASON                                                     | -     | X      | Rochambeau/<br>Paramaribo  | 0455N                       | 05429W     | G449                                       |                           |
| NEBEG                                                     | -     | X      | Santiago/Mendoza           | 3348S                       | 06954W     | A307/UA307                                 |                           |
| <b>NEBIL</b>                                              | ----- | X      | Amazônica / Maiquetia      | 01 35.96N                   | 064 07.50W | UR640                                      |                           |
| <b>NEFAR</b>                                              | ----  | X      | Brasília                   | 17 48.43S                   | 050 50.23W | UL795 UW9 UW29                             |                           |
| <b>NEFAS</b>                                              | ----  | X      | Brasília / Recife          | 15 11.90S                   | 044 48.86W | UM654                                      |                           |
| <b>NEGRA</b>                                              | ----  | X      | Amazônica                  | 06 15.64S                   | 069 12.03W | A301 B552 UA301                            |                           |
| <b>NELOS</b>                                              | ----- | X      | Amazônica                  | 06 19.89S                   | 052 53.83W | UW12 UZ24                                  |                           |
| <b>NEMOL</b>                                              | ----  | X      | Recife                     | 06 11.25S                   | 030 52.12W | UL206                                      |                           |
| <b>NEMEU</b>                                              | ----- | X      | Brasília                   | 21 11.76S                   | 051 18.29W | UW52 UZ18 UZ22                             |                           |
| NESMO                                                     | -     | X      | Barranquilla               | 1217N                       | 07604W     | A319/G430/UG430/UA319                      | O/P                       |
| <b>NEURA</b>                                              | ----  | X      | Recife / Atlântica         | 00 56.18S                   | 030 55.15W | UN857                                      | O/P                       |
| NEROK                                                     | ----  | X      | Curitiba                   | 23 27.38S                   | 046 40.37W | W45                                        | O/P                       |
| <b>NIBGA</b>                                              | ----- | X      | Curitiba                   | 24 04.73S                   | 047 14.38W | G449                                       |                           |
| <b>NOISE</b>                                              | ----  | X      | Atlântica                  | 01 23.67N                   | 029 42.55W | UL375 UL695 UN857                          | O/P                       |
| <b>NOIVA</b>                                              | ----  | X      | Curitiba                   | 21 51.70S                   | 052 58.44W | UB695 UW19                                 |                           |
| <b>NORONHA</b>                                            | NOR   | DN     | Recife                     | 03 51.94S                   | 032 26.90W | B623 W40 W41 UB623 UN857                   |                           |
| NOTOS                                                     | -     | X      | Centr. American<br>/Mexico | 1237N                       | 09617W     | UL344                                      | O/P                       |
| <b>OBKUT</b>                                              | ----  | X      | Atlântica                  | 03 25.83N                   | 032 37.10W | UL375 UL695 UN866                          | O/P                       |
| <b>OCTIL</b>                                              | ----  | X      | Recife                     | 07 36.64S                   | 041 29.43W | UW43 UZ20                                  |                           |
| <b>OIAPOQUE</b>                                           | OIA   | N      | Amazônica /<br>Rochambeau  | 03 51.59N                   | 051 47.97W | A555 G443 UA555                            |                           |
| <b>OLEAR</b>                                              | ----- | X      | Recife                     | 14 28.33S                   | 044 23.93W | UM654 UW5                                  |                           |
| <b>ONSEK</b>                                              | ----- | X      | Atlântica                  | 10 52.47S                   | 028 54.52W | UL327                                      | O/P                       |
| <b>OPABA</b>                                              | ----  | X      | Recife                     | 06 39.51S                   | 038 28.63W | UW14 UZ19 UZ27                             |                           |
| <b>OPERA</b>                                              | ----- | X      | Atlântica                  | 30 56.87S                   | 020 00.00W | UL224                                      | O/P                       |
| <b>ORARO</b>                                              | ----  | X      | Atlântica                  | 02 14.83N                   | 030 55.37W | UL375 UL695 UN873                          | O/P                       |
| <b>OROKA</b>                                              | ----  | X      | Brasília / Curitiba        | 22 58.60S                   | 047 53.14W | UN741                                      |                           |
| ORTIZ                                                     | -     | X      | Maiquetia/Barranquilla     | 1046N                       | 07242W     | UL349                                      |                           |

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|-----------------------------------------------------------|------|--------|-------------------------------------|-----------------------------|-------------|--------------------------------------------------------------------------------------------------------|---------------------------|
| Name/Nombre                                               | Cod. |        |                                     | Lat.                        | Long.       |                                                                                                        |                           |
| 1                                                         | 2    | 3      | 4                                   | 5                           | 6           | 7                                                                                                      | 8                         |
| <b>OSAMU</b>                                              | ---- | X      | Curitiba                            | 25 56.81S                   | 048 01.28W  | UM540 UM671 UW25                                                                                       | O/P                       |
| <b>OSELO</b>                                              | -    | X      | Guayaquil/Central Amer.             | 0125N                       | 08952W      | UL401                                                                                                  | O/P                       |
| <b>OSOKA</b>                                              | -    | X      | Barranquilla/Maiquetia              | 1108N                       | 07224W      | A552                                                                                                   |                           |
| <b>OSORA</b>                                              | ---- | X      | Amazônica / Lima                    | 05 42.97S                   | 072 56.56W  | UL300                                                                                                  |                           |
| <b>OTONI</b>                                              | ---- | X      | Amazônica /<br>Rochambeau           | 02 39.98S                   | 052 30.03W  | UG449                                                                                                  |                           |
| <b>PABAL</b>                                              | -    | X      | Puerto Montt/<br>Comodoro Rivadavia | 4236S                       | 07206W      | UL775                                                                                                  |                           |
| <b>PABAM</b>                                              | -    | X      | Lima                                | 0325S                       | 07534W      | UG431                                                                                                  |                           |
| <b>PABOS</b>                                              | -    | X      | Antofagasta                         | 2030S                       | 06389W      | UL309                                                                                                  |                           |
| <b>PADOX</b>                                              | -    | X      | Lima/Guayaquil                      | 0450S                       | 07923W      | UG437                                                                                                  | O/P                       |
| <b>PAGUE</b>                                              | ---- | X      | Brasília                            | 18 14.93S                   | 048 24.72W  | UW6 UW59 UZ5                                                                                           |                           |
| <b>PAGUS</b>                                              | ---- | X      | Amazônica                           | 13 42.24S                   | 060 16.61W  | UB554                                                                                                  |                           |
| <b>PAKON</b>                                              | ---- | X      | Amazônica / Maiquetia               | 04 28.87N                   | 061 18.05W  | UA300                                                                                                  |                           |
| <b>PALMAS</b>                                             | PLM  | VDN    | Brasília                            | 10 12.19S                   | 048 21.02W  | G449 W4 UB680 UW6 UW16 UZ26                                                                            |                           |
| <b>PALMO</b>                                              | ---- | X      | Recife / Brasília                   | 14 17.35S                   | 045 54.80W  | UZ27                                                                                                   |                           |
| <b>PANDI</b>                                              | ---- | X      | Brasília                            | 13 46.27S                   | 047 23.97W  | UZ2 UZ13                                                                                               |                           |
| <b>PANOL</b>                                              | ---- | X      | Amazônica                           | 08 39.63S                   | 070 31.70W  | W10 UL306 UW10                                                                                         |                           |
| <b>PAPES</b>                                              | ---- | X      | Brasília                            | 14 29.48S                   | 049 56.93W  | G678 UA317                                                                                             |                           |
| <b>PARANAGUÁ</b>                                          | PNG  | N      | Curitiba                            | 25 32.08S                   | 048 31.85W  | G678 UM400 UM788 UM792 UW47<br>UW61                                                                    |                           |
| <b>PARDO</b>                                              | ---- | X      | Amazônica                           | 12 16.30S                   | 059 05.06W  | UM402 UM782                                                                                            |                           |
| <b>PARNAÍBA</b>                                           | PNB  | N      | Recife                              | 02 53.85S                   | 041 43.73W  | G677 W2                                                                                                |                           |
| <b>PARSE</b>                                              | ---- | X      | Curitiba / Brasília                 | 22 47.25S                   | 048 14.24W  | UW51                                                                                                   |                           |
| <b>PAULO AFONSO</b>                                       | PAF  | VN     | Recife                              | 09 24.16S                   | 038 15.33W  | W1 W8 W10                                                                                              |                           |
| <b>PELRA</b>                                              | -    | X      | Central Amer./Panamá                | 1415N                       | 08227W      | A321/UA321                                                                                             | O/P                       |
| <b>PERNA</b>                                              | ---- | X      | Curitiba                            | 26 28.28S                   | 050 20.02W  | UN741 UZ5                                                                                              |                           |
| <b>PERSA</b>                                              | ---- | X      | Amazônica                           | 06 04.34S                   | 063 32.05W  | UL201 UW17                                                                                             |                           |
| <b>PETRI</b>                                              | ---- | X      | Curitiba                            | 24 48.15S                   | 046 59.27W  | W45                                                                                                    | O/P                       |
| <b>PETROLINA</b>                                          | PTL  | VDN    | Recife                              | 09 21.79S                   | 040 33.68W  | W8 UW13 UW14 UZ20 UZ27                                                                                 |                           |
| <b>PILOT</b>                                              | ---- | X      | Atlântica                           | 22 10.03S                   | 035 00.00W  | UL340                                                                                                  | O/P                       |
| <b>PIRAÍ</b>                                              | PAI  | VDN    | Brasília                            | 22 27.24S                   | 043 050.43W | G678 W8 W49 UA317 UB680                                                                                |                           |
| <b>PIRAÇUNUNGA</b>                                        | PSN  | VD     | Brasília                            | 21 59.07S                   | 047 20.65W  | UL201 UL795 UN741 UW1 UW9<br>UW48 UW54 UZ22                                                            |                           |
| <b>PISAX</b>                                              | -    | X      | San Juan                            | 2200N                       | 06240W      | A632                                                                                                   | O/P                       |
| <b>PITON</b>                                              | ---- | X      | Brasília                            | 19 35.17S                   | 042 05.32W  | UZ1 UZ15                                                                                               |                           |
| <b>POÇOS</b>                                              | PCL  | N      | Brasília                            | 21 50.15S                   | 046 33.94W  | UW2 UW22 UW58 UW59                                                                                     |                           |
| <b>POJAR</b>                                              | ---- | X      | Brasília / Amazônica                | 10 16.52S                   | 051 19.15W  | UZ23                                                                                                   |                           |
| <b>POLVO</b>                                              | ---- | X      | Brasília / Atlântica                | 18 35.37S                   | 038 31.24W  | UL330                                                                                                  | O/P                       |
| <b>PONTA PORÃ</b>                                         | PTP  | N      | Curitiba                            | 22 33.01S                   | 055 42.43W  | A430 W5                                                                                                |                           |
| <b>PORGA</b>                                              | ---- | X      | Brasília / Atlântica                | 18 40.76S                   | 038 14.57W  | UL327                                                                                                  | O/P                       |
| <b>PORTO</b>                                              | PCX  | VD     | Brasília                            | 22 42.92S                   | 042 51.45W  | B691 W6 W50 W55 UA312 UA314<br>UL327 UL340 UW11 UW63 UW65<br>UZ1 UZ10 UZ28                             |                           |
| <b>PORTO ALEGRE</b>                                       | PAG  | VDN    | Curitiba                            | 29 59.47S                   | 051 09.81W  | A309 A314 G449 G677 R563 W14<br>W14E UA308 UA309 UA314 UA432<br>UM540 UN857 UR563 UW6 UW19<br>UW24 UZ5 |                           |
| <b>PORTO VELHO</b>                                        | PVH  | VDN    | Amazônica                           | 08 42.83S                   | 063 54.19W  | W3 W10 UL216 UW3 UW10                                                                                  |                           |
| <b>POSKA</b>                                              | ---- | X      | Amazônica / Lima                    | 05 06.39S                   | 072 48.72W  | UR559                                                                                                  |                           |
| <b>POTRO</b>                                              | ---- | X      | Recife                              | 08 48.50S                   | 035 25.75W  | UW58                                                                                                   |                           |
| <b>POXON</b>                                              | -    | X      | Central Amer./Panamá                | 0833N                       | 08250W      | A502/UA502                                                                                             | O/P                       |
| <b>PROTE</b>                                              | ---- | X      | Brasília                            | 17 22.70S                   | 052 24.09W  | UL201 UZ21                                                                                             |                           |
| <b>PRUDENTE</b>                                           | PRR  | VDN    | Curitiba                            | 22 10.38S                   | 051 25.58W  | W26 UM415 UW50                                                                                         |                           |
| <b>PTO. AGUIRRE</b>                                       | PAR  | VDN    | Puerto Montt                        | 4509S                       | 07331W      | G679                                                                                                   |                           |
| <b>PUIDO</b>                                              | ---- | X      | Recife                              | 12 06.44S                   | 041 25.92W  | UW10 UW13                                                                                              |                           |
| <b>PULGO</b>                                              | -    | X      | Central American                    | 0758N                       | 08354W      | G439/UG439                                                                                             | O/P                       |
| <b>PUREU</b>                                              | ---- | X      | Recife                              | 06 14.18S                   | 039 51.80W  | UM654 UZ7                                                                                              |                           |

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|-----------------------------------------------------------|------|--------|------------------------|-----------------------------|------------|--------------------------------------------------------|---------------------------|
| Name/Nombre                                               | Cod. |        |                        | Lat.                        | Long.      |                                                        |                           |
| 1                                                         | 2    | 3      | 4                      | 5                           | 6          | 7                                                      | 8                         |
| RABAN                                                     | ---- | X      | Curitiba               | 24 17.34S                   | 050 28.18W | UL301 UM654                                            |                           |
| RAKUD                                                     | ---- | X      | Atlântica / Dacar      | 03 24.54N                   | 029 11.04W | B623 UB623                                             | O/P                       |
| RAPAT                                                     | ---- | X      | Brasília / Amazônica   | 12 40.69S                   | 056 06.50W | W47 UW28                                               |                           |
| REBER                                                     | ---- | X      | Amazônica / Rochambeau | 03 11.68N                   | 052 18.03W |                                                        | G449                      |
| REDON                                                     | ---- | X      | Amazônica              | 10 49.17S                   | 031 54.55W | UA316 UL655 UW10                                       |                           |
| REGAR                                                     | ---- | X      | Brasília               | 20 31.09S                   | 047 25.74W | G449                                                   |                           |
| REGIS                                                     | ---- | X      | Recife / Atlântica     | 03 03.54S                   | 028 53.44W | UL206                                                  | O/P                       |
| REMEK                                                     | ---- | X      | Curitiba / Assunção    | 20 37.98S                   | 058 06.78W | UM799                                                  |                           |
| RELON                                                     | -    | X      | Antofagasta            | 2741S                       | 07303W     | UL312                                                  | O/P                       |
| REPAM                                                     | -    | X      | Resistencia/Asunción   | 2726S                       | 05733W     | UA300/UA556/UB881/UB881                                |                           |
| RETOL                                                     | ---- | X      | Brasília / Recife      | 15 51.10S                   | 043 42.98W | W8                                                     |                           |
| ROBIK                                                     | -    | X      | Santiago               | 3337S                       | 07900W     | G224/UL348                                             | O/P                       |
| ROBIN                                                     | -    | X      | Merida                 | 2224N                       | 08629W     | A321/B646/UA321/UB646/R522/UR522/                      |                           |
| ROGIN                                                     | ---- | X      | Amazônica              | 00 11.04S                   | 057 18.64W | UB681 UL306                                            |                           |
| RONAL                                                     | ---- | X      | Brasília               | 10 57.99S                   | 050 14.95W | UL776 UM799                                            |                           |
| RONDÔNIA                                                  | RON  | VDN    | Amazônica              | 10 53.11S                   | 061 56.25W | W10                                                    |                           |
| RONIL                                                     | ---- | X      | Amazônica / Brasília   | 12 10.68S                   | 054 41.88W | UL795 UW9                                              |                           |
| ROSER                                                     | ---- | X      | Brasília / Curitiba    | 17 19.16S                   | 056 52.37W | W5                                                     |                           |
| ROUSE                                                     | ---- | X      | Amazônica              | 03 37.86S                   | 066 16.93W | UA566 UM782                                            |                           |
| RUBEN                                                     | ---- | X      | Recife                 | 09 42.77S                   | 035 29.74W | UN857                                                  | O/P                       |
| RUBIC                                                     | ---- | X      | Brasília / Recife      | 16 24.56S                   | 042 40.73W | UN866                                                  |                           |
| SAGAZ                                                     | ---- | X      | Recife / Brasília      | 16 59.13S                   | 041 46.21W | UW58                                                   |                           |
| SALSA                                                     | ---- | X      | Amazônica              | 04 39.42S                   | 063 04.14W | UA317 UL306                                            |                           |
| SALVADOR                                                  | SVD  | VDN    | Recife                 | 12 54.39S                   | 038 19.28W | G677 W1 W42 UW42 UW50 UW58<br>UZ10 UZ14 UZ17 UZ19 UZ20 |                           |
| SAN JOSE                                                  | SJO  | VD     | Cenral American        | 1356N                       | 09051W     | A317/UA317                                             |                           |
| SAN MATIAS                                                | SMT  | N      | Brasília               | 16 20.12S                   | 058 23.23W | B652 UB652                                             |                           |
| SANTA MARIA                                               | SMA  | VDN    | Curitiba               | 29 42.60S                   | 053 42.79W | W14 W14E                                               |                           |
| SANTARÉM                                                  | STM  | VDN    | Amazônica              | 02 25.59S                   | 054 49.05W | A566 W15 W23 W27 UA312<br>UB681 UW12 UW33 UZ24 UZ28    |                           |
| SÃO LUIS                                                  | SLI  | VDN    | Amazônica              | 02 35.35S                   | 044 14.40W | G677 W20 W22 UW33 UZ2 UZ4 UZ20                         |                           |
| SAURI                                                     | -    | X      | I. De Pascua/Tahiti    | 2545S                       | 12000W     | G224/UL348                                             | O/P                       |
| SCAPA                                                     | -    | X      | Curaçao/San Juan       | 1550N                       | 06730W     | UG431/G431                                             | O/P                       |
| SEKMA                                                     | -    | X      | Panamá                 | 1025N                       | 07950W     | UG447                                                  | O/P                       |
| SELVA                                                     | ---- | X      | Amazônica / Lima       | 09 31.32S                   | 072 11.14W | UL300 UL306                                            |                           |
| SERIM                                                     | ---- | X      | Atlântica / Dacar      | 03 07.45S                   | 020 24.45W | UL327                                                  | O/P                       |
| SIDAK                                                     | ---- | X      | Curitiba / Assunção    | 19 36.63S                   | 058 13.99W | UM415 UZ22                                             |                           |
| SIDUM                                                     | ---- | X      | Amazônica              | 09 56.85S                   | 061 04.93W | UM782                                                  |                           |
| SILIC                                                     | ---- | X      | Amazônica / La Paz     | 11 10.65D                   | 062 22.03E | A430 UB554                                             |                           |
| SINOL                                                     | ---- | X      | Amazônica              | 01 30.24N                   | 051 18.20W | UG449                                                  |                           |
| SIROS                                                     | ---- | X      | Amazônica /            |                             |            |                                                        |                           |
|                                                           |      |        | Paramaribo             | 02 28.28N                   | 054 41.53W | UL306                                                  |                           |
| SOLDO                                                     | ---- | X      | Recife                 | 10 10.56S                   | 046 21.70W | UZ2 UZ3                                                |                           |
| SOROCABA                                                  | SCB  | VD     | Brasília / Curitiba    | 23 30.42S                   | 047 22.70W | A428 W1 W51 UA310 UM415<br>UM782 UW45 UW49 UW50 UW58   |                           |
| SPINO                                                     | ---- | X      | Recife                 | 13 51.48S                   | 041 24.44W | UN866 UZ17                                             |                           |
| TANGO                                                     | ---- | X      | Amazônica              | 00 30.47S                   | 062 18.49W | UL795 UR640 UZ6                                        |                           |
| TAPUR                                                     | ---- | X      | Amazônica              | 00 32.51S                   | 065 03.68W | W12                                                    |                           |
| TAROP                                                     | ---- | X      | Amazônica              | 09 01.92S                   | 054 37.96W | UZ6                                                    |                           |
| TASIL                                                     | ---- | X      | Atlântica / Dacar      | 04 00.30N                   | 029 59.40W | UN873                                                  | O/P                       |
| TEDAS                                                     | ---- | X      | Curitiba / Assunção    | 23 52.37S                   | 054 34.54W | UB554                                                  |                           |
| TEFÉ                                                      | TFE  | VDN    | Amazônica              | 03 23.27S                   | 064 43.68W | A566 B552 W25 UA317 UA566 UL793                        |                           |
| TELMA                                                     | ---- | X      | Brasília / Recife      | 12 51.82S                   | 046 31.81W | UZ5                                                    |                           |
| TEMUCO                                                    | TCO  | VDN    | Puerto Montt           | 3846S                       | 07238W     | G675                                                   |                           |
| TEPIM                                                     | ---- | X      | Amazônica              | 02 41.07S                   | 057 02.05W | UL304 UW33                                             |                           |
| TEREB                                                     | ---- | X      | Amazônica              | 09 57.03S                   | 049 30.23W | UM799 UZ13                                             |                           |

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|-----------------------------------------------------------|------------|--------|--------------------------------|-----------------------------|------------|--------------------------------------------------|---------------------------|
| Name/Nombre                                               | Cod.       |        |                                | Lat.                        | Long.      |                                                  |                           |
| 1                                                         | 2          | 3      | 4                              | 5                           | 6          | 7                                                | 8                         |
| <b>TERESINA</b>                                           | TRS        | VDN    | Recife                         | 05 03.97S                   | 042 49.50W | W2 W20 W44 UW44 UZ5 UZ7 UZ20                     |                           |
| <b>TESAL</b>                                              | -----      | X      | Amazônica / Brasília           | 10 09.67S                   | 052 02.05W | UL304                                            |                           |
| <b>TIGIR</b>                                              | -          | X      | Central American               | 0828N                       | 08456W     | UG436                                            | O/P                       |
| <b>TIGRE</b>                                              | ----       | X      | Amazônica                      | 06 09.37S                   | 071 14.09W | UA321                                            |                           |
| <b>TILSO</b>                                              | -          | X      | Panama/Bogota                  | 0432N                       | 08146W     | G439/UG439                                       | O/P                       |
| <b>TIMEHRI</b>                                            | TIM        | VDN    | Georgetown                     | 0629N                       | 05816W     | UA312/UG443                                      |                           |
| <b>TIMRO</b>                                              | -          | X      | Panamá                         | 1148N                       | 07842W     | A552/G434/UA552/UG434                            | O/P                       |
| <b>TIPTU</b>                                              | -          | X      | Porto Velho                    | 0602S                       | 06535W     | UL306/UL201                                      |                           |
| <b>TIRIÓS</b>                                             | TIR        | N      | Amazônica                      | 02 13.14N                   | 055 56.51W | W23 UL776 UZ13                                   |                           |
| <b>TOKAN</b>                                              | -          | X      | Lima                           | 0805S                       | 07751W     | UG426                                            |                           |
| <b>TOMBO</b>                                              | -----      | X      | Curitiba / Brasília            | 17 31.54S                   | 054 13.60W | UM782 UW45                                       |                           |
| <b>TONAR</b>                                              | -          | X      | Puerto Montt/Ezeiza            | 4114S                       | 07151W     | B682/UB682                                       |                           |
| <b>TONGOY</b>                                             | TOY        | VDN    | Santiago                       | 3015S                       | 07128W     | G679/G675                                        | O/P                       |
| <b>TOSAR</b>                                              | ----       | X      | Curitiba / Brasília            | 17 39.04S                   | 055 31.47W | A430 W47                                         |                           |
| <b>TRÊS MARIAS</b>                                        | TRM        | V      | Brasília                       | 18 12.19S                   | 045 27.43W | G678 UN741 UW12                                  |                           |
| <b>TRINIDAD</b>                                           | TRI        | VDN    | La Paz                         | 1447S                       | 06456W     | UA301                                            |                           |
| <b>TROMBETAS</b>                                          | PTT        | N      | Amazônica                      | 01 29.18S                   | 056 23.88W | W27                                              |                           |
| <b>TURAB</b>                                              | -----      | X      | Atlântica                      | 12 25.99S                   | 026 45.02W | UL335                                            | O/P                       |
| <b>TUVAM</b>                                              | ----       | X      | Curitiba                       | 27 09.83S                   | 048 12.95W | W45                                              | O/P                       |
| <b>UBKAB</b>                                              | -----      | X      | Amazônica / La Paz             | 16 18.90S                   | 058 36.51W | UM402                                            |                           |
| <b>UDIDI</b>                                              | -----      | X      | Amazônica / La Paz             | 13 02.60S                   | 062 37.40W | UL793                                            |                           |
| <b>UDIGA</b>                                              | -----      | X      | Atlântica                      | 03 30.77S                   | 024 08.69W | UL330 UL375                                      | O/P                       |
| <b>UDOGA</b>                                              | -----      | X      | Atlântica                      | 29 37.28S                   | 025 00.00W | UL224                                            | O/P                       |
| <b>UGADI</b>                                              | -          | X      | Guayaquil/<br>Central American | 0125N                       | 08615W     | UL308                                            | O/P                       |
| <b>UGAGA</b>                                              | ----       | X      | Amazônica / Maiquetia          | 00 48.70N                   | 065 42.00W | UL793                                            |                           |
| <b>UGELO</b>                                              | -----      | X      | Curitiba / Montevideo          | 32 40.70S                   | 053 08.83W | A305 UA305                                       |                           |
| <b>UGEMU</b>                                              | -----      | X      | Amazônica                      | 06 35.37S                   | 058 18.37W | UL795                                            |                           |
| <b>UGINA</b>                                              | -----      | X      | Brasília / Amazônica           | 14 36.58S                   | 058 22.42W | A430 UB554                                       |                           |
| <b>UGURA</b>                                              | -----      | X      | Curitiba / Montevideo          | 32 36.29S                   | 053 20.45W | A309 UA309                                       |                           |
| <b>UKEDI</b>                                              | -----      | X      | Atlântica / Rochambeau         |                             | 06 33.30N  | 037 04.60W                                       | UL375                     |
|                                                           | O/P        |        |                                |                             |            |                                                  |                           |
| <b>UKLOS</b>                                              | -          | X      | Panamá/Bogota                  | 0516N                       | 07936W     | G437/UG437                                       | O/P                       |
| <b>UMKAL</b>                                              | -          | X      | Santiago/Mendoza               | 3253S                       | 07000W     | UA306                                            |                           |
| <b>URUBUPUNGÁ</b>                                         | URP        | VDN    | Curitiba                       | 20 46.59S                   | 051 33.53W | A304 W26 UB688 UB695                             |                           |
| <b>URUGUAIANA</b>                                         | URG        | N      | Curitiba                       | 29 47.16S                   | 057 02.20W | W14                                              |                           |
| <b>VACAR</b>                                              | ----       | X      | Recife                         | 07 39.92S                   | 036 10.12W | UN873 UZ7                                        |                           |
| <b>VADAD</b>                                              | -----      | X      | Atlântica                      | 07 01.24S                   | 024 37.49W | UL327                                            | O/P                       |
| <b>VAGAN</b>                                              | -----      | X      | Amazônica / Maiquetia          | 03 49.15N                   | 063 05.03W | UA315                                            |                           |
| <b>VALEM</b>                                              | -          | X      | Lima                           | 0708S                       | 08044W     | UL344                                            | O/P                       |
| <b>VAPOL</b>                                              | ----       | X-     | Curitiba                       | 23 06.19S                   | 052 57.23W | UB688                                            |                           |
| <b>VESKA</b>                                              | -          | X      | Curaçao/Sto. Domingo           |                             | 1600N      | 07045W                                           |                           |
|                                                           | A315/UA315 | O/P    |                                |                             |            |                                                  |                           |
| <b>VIBOT</b>                                              | -----      | X      | Amazônica                      | 05 57.64S                   | 057 28.13W | UZ6                                              |                           |
| <b>VIDMA</b>                                              | VIE        | V      | Comodoro Rivadavia             | 4052S                       | 06300W     | UA570                                            |                           |
| <b>VILAS</b>                                              | -          | X      | Rochambeau/<br>Paramaribo      | 0440N                       | 05426W     | UG449                                            |                           |
| <b>VILLAVICENCIO</b>                                      | VVC        | VDN    | Bogota                         | 0404N                       | 07323W     | A301/UA317/UA323                                 |                           |
| <b>VIRUVIRU</b>                                           | VIR        | VDN    | La Paz                         | 1737S                       | 06309W     | A304/UA304/UA321                                 |                           |
| <b>VITÓRIA</b>                                            | VTR        | VDN    | Brasília                       | 20 14.98S                   | 040 16.98W | G677 W6 W11 UL206 UL327<br>UL330 UL335 UW12 UW50 |                           |
| <b>VODSA</b>                                              | -----      | X      | Atlântica                      | 15 36.33S                   | 031 56.29W | UL335                                            | O/P                       |
| <b>VUKUS</b>                                              | -----      | X      | Curitiba                       | 25 54.80S                   | 047 33.52W | W45                                              | O/P                       |
| <b>VUMPI</b>                                              | ----       | X      | Amazônica / Maiquetia          | 01 59.40N                   | 063 56.90W | UL795 UZ21                                       |                           |
| <b>XAREO</b>                                              | -----      | X      | Curitiba                       | 26 08.22S                   | 046 34.49W | G677 UA314                                       | O/P                       |
| <b>XINGU</b>                                              | ----       | X      | Amazônica / Brasília           | 11 27.61S                   | 054 01.75W | G678 UA317                                       |                           |
| <b>ZORRO</b>                                              | -----      | X      | Amazônica                      | 01 51.80N                   | 067 12.11W | UL216 UL309                                      |                           |
| <b>ZORZA</b>                                              | -----      | X      | Recife                         | 11 00.18S                   | 044 08.88W | UW43 UZ4                                         |                           |

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