



**International Civil Aviation Organization
UNDP/ICAO Regional Project RLA/98/003
Transition to the CNS/ATM Systems in the CAR and SAM Regions**

**Fifth Meeting/workshop of Air Traffic Management (ATM) Authorities and
Planners for RVSM, RNAV routes and RNP implementation in the CAR and SAM Regions
(AP/ATM/5 RVSM-RNAV-RNP)**
(Panama, Panama, 18 to 20 June 2003)

Agenda Item 1: Review of the RNAV routes Implementation Program.

RNAV route list with the users and States requirements

(Presented by IATA)

Summary

This working paper presents the list of the proposed RNAV routes according to States and airline requirements.

1. At the RNAV/RNP Task Force/1 held in Havana July 2000, a list of 131 possible city pair candidates for implementation of RNAV routes was developed. Thereafter, on several occasions and per user's requirements, the list was reviewed and modified. At the same time, some States have expressed their needs for implementing RNAV routes, between reporting points or navigation aids.
2. During the Regional Coordination Group/15 (RCG/15) held May 2003, IATA presented the airlines with the ATM/4 trunk routes list, for selection of future candidates for implementation. Annex A presents both the requirements of the States as well as the airlines.
3. **Annex A** includes all the trunk-routes approved at ATM/4 plus the new ones requested by the States and users. Routes numbered from 1 to 99 are the ones approved by the ATM/4 meeting; routes above numeral one hundred are the new ones required by users and States. Please note that airlines or State requesting a specific route is indicated in the list. In a near future the list will be given a priority of implementation based on a economical saving or on States requirement

4. **Action Requested**

- 4.1 States are invited to analyse, revise and approve this list for future work reference.

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num	origin - intermediated airports - destination	Requested by	Status	Notes
1	Sao Paulo - Rio - Barbados - New York			
2	Sao Paulo - Aruba - Miami	AA DL	Implemented	
3	Sao Paulo - Rio - Salvador - Los Angeles		Implemented	
4	Sao Paulo - Santa Cruz - Lima	TA		
5	Sao Paulo - Santiago	LA		
6	Buenos Aires - Montevideo - Sao Paulo - Rio	BA AR		
7	Buenos Aires - Santa Cruz - Caracas - Aruba - New York	AR	Implemented UL793	Pending segment in USA
8	Buenos Aires - Bogotá - Kingston - Montego Bay - Miami	AA AR DL	Implemented	
9	Buenos Aires - Santiago	LA AF AR		
10	Santiago - Lima - Guayaquil - Quito - Panama - Miami	LA		
11	Santiago - Los Angeles			
12	Quito - Bogotá - Caracas	BA		
14	San Jose - Managua - Tegucigalpa - San Pedro - Belize - Merida - Houston/Dallas	TA		
15	Panama - Cancun - Houston/Dallas			
16	Mexico - Miami	AM		
17	Guatemala - Belize - Miami	DL		
18	Salvador - San Pedro - Miami	AA TA IB	Postponed UL 471	Pending segment in USA
19	Tegucigalpa - Miami			
20	Managua - Miami	TA BA		
21	San Jose - Gran Cayman - Miami - New York	TA	In progress - UL403	Pending segment in USA
22	Port of Spain - Santo Domingo - Miami	AA 9D	Implemented/cancelled UL337	Pending segment in USA
23	Barbados - Miami	BW		
24	Antigua - Miami			

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25	Asuncion - Buenos Aires			
26	Aruba - San Juan			
27	Buenos Aires - Lima	AR		
28	Buenos Aires - San Jose - Cancun			
29	Cancun - New York	AM		
30	Sao Paulo - Dallas			
31	Bogotá - Guatemala - Mexico	TA		
32	San Jose - Salvador - Guatemala - Mexico			
33	Mexico - San Pedro			
34	Kingston - Montego Bay - New York			
35	Cancun - Havana			
36	Havana - Mexico			
37	Santiago - Caracas			
38	Guatemala - Houston			
39	Lima - Houston			
40	Lima - Guadalajara - Los Angeles	LA		
41	Mexico - Houston/Dallas	AM AF		
42	Mexico - Los Angeles	AM		
43	Salvador - Houston/Dallas			
44	San Pedro - New Orleans			
45	Guadalajara - Houston/Dallas			
46	Bogotá - New York		Postponed	Pending segment in USA
47	Lima - New York	LA		
48	Caracas - San Jose			
49	Lima - Guayaquil - San Jose			Portion LIM-GYE implemented
50	Caracas - Havana			
51	Panama - Havana			

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52	Santo Domingo - Havana			
53	Rio - Caracas - Puerto Principe - Miami	AF		
101	Caracas - Miami	DL		
103	Panama - Miami	DL	Implemented	
104	Barbados - New York	BW		
105	Barbados - Antigua	BW		
107	Bonaire - Guayaquil	KL		
108	Bonaire - Quito	KL		
109	Bonaire - Lima	KL		
110	Lima - Mexico	AM		
111	Mexico - Santiago	AM		
112	Mexico - Sao Paulo	AM		
113	Punta Arenas VOR - Chatham NDB	AR		
114	Ushuaia VOR - Napier NDB	AR		
115	Balmaceda VOR - Gisborne NDB	AR		
116	Puerto Montt VOR - Gisborne NDB	AR		
117	Buenos Aires - Balmaceda	AR		
118	Buenos Aires - Puerto Montt	AR		
119	Asuncion - Campo Grande - Viru Viru	Brazil	in progress UL660	ATM 5
120	Asuncion - Sao Paulo		in progress	
121	Buenos Aires - Caracas - New York	AA AR LB CO	Implemented UI793	Pending segment in USA
122	Buenos Aires - Chicago		Continuation UL417	
123	Cap Hatien - Puerto Plata	Cuba	in progress	
124	Caracas - Houston	CO	Implemented UL674	Pending segment in USA
125	EGODY - URPOS	CM	to be evaluated	
126	ELORZA - San Gabriel	Colombia	UL309	
127	Guayaquil - San Jose	Ecuador, LR		

128	JUA VOR - Sao Paulo	Brazil	to be evaluated	
129	KILE - TULUA	Colombia	to be evaluated	
130	Kingston - Great Inagua	Jamaica	in progress	
131	Lima - Madrid	IB LA	to be evaluated	
132	Montego Bay - Santiago Cuba - Great Inagua	Jamaica	to be evaluated	ATM 5
133	Panama - San Juan		Pending for fix	ATM 5
134	Quito - Miami	Ecuador	to be evaluated	
135	Quito - New York	Ecuador	to be evaluated	
136	Quito - San Jose	Ecuador	to be evaluated	Ecuador
137	Rio Janeiro - New York	RG	Implemented UT419/UL776	Pending segment in USA
138	Santiago - Fortaleza		stand by	
139	Santiago - Sao Luis		pending for fix	
140	Santiago - Sao Paulo		in progress	
141	Santiago de Cuba - Cap Hatien	Cuba Haiti	in progress	
142	Santiago de Cuba - Port au Prince	Cuba Haiti	in progress	
143	Santo Domingo - New York	AA		
144	Sao Paulo - Barbados - Antigua - New York	CO AA RG JL BW	Implemented UL776	Pending segment in USA
145	Sao Paulo - Lima		in progress	
146	Viru Viru - Miami	Bolivia	to be evaluated	Bolivia