





V. C. BIRD AIR TRAFFIC MANAGEMENT CONTINGENCY PLAN

Lorraine Davis

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|  | V. C. Bird International Airport Air Traffic Services | DOCUMENT ID: ATS/ATM/CP:01/20 |
| | ATS Quality Management Systems | DATE: 29/05/2020 VERSION: 1.0 |

Contents

| | |
|--|----|
| 1. OBJECTIVES | 2 |
| 2. AIR TRAFFIC MANAGEMENT | 2 |
| 3. TRANSITION TO CONTINGENCY SCHEME | 3 |
| 4. TRANSFER OF CONTROL AND COORDINATION | 4 |
| 5. PILOTS AND OPERATORS PROCEDURES | 4 |
| 6. OVERFLIGHT APPROVAL | 5 |
| 7. CONTINGENCY UNITS | 5 |
| 8. REROUTING SCHEME | 6 |
| 9. POINTS OF CONTACT | 6 |
| Document Approval and Issue Status | 7 |
| APPENDIX A | 8 |
| APPENDIX B | 10 |
| APPENDIX C | 11 |
| APPENDIX D | 12 |

| | | |
|--|--|----------------------------------|
|  | V. C. Bird International Airport Air Traffic Services | DOCUMENT ID: ATS/ATM/CP:01/20 |
| | ATS Quality Management Systems | DATE: 29/05/2020 VERSION: 1.0 |

1. OBJECTIVES


- 1.1 This Contingency Plan contains arrangements to ensure the continued safety of air navigation in the event of partial or total disruption of Air Traffic Services (ATS) within the V. C. Bird Terminal Control Area (TMA). This is in reference to ICAO Annex 11 – Air Traffic Services Chapter 2, paragraph 2.32 and Attachment C.
- 1.2 The plan is designed to provide two alternate routes, one eastbound and one westbound for opposite direction, using the existing ATS route structure. This will allow for a safe and orderly flow of air traffic through the V. C. Bird TMA.

2. AIR TRAFFIC MANAGEMENT

2.1 Air Traffic Services Responsibilities

- 2.1.1 In the event that ATC cannot be provided within the V.C. Bird TMA, the V. C. Bird ATS department shall publish the corresponding NOTAM indicating the following: -
 - a) *Time and date of the beginning of the contingency measure;*
 - b) *Aerodromes available for landing and airspace available for over flying traffic;*
 - c) *Details of the facilities and services available and any limitations on ATS provision (e.g. APP & TWR);*
 - d) *Expected date and time for the restoration of normal services.*
- 2.1.2 In the event that the V. C. Bird is unable to issue a NOTAM, the Piarco ACC will take action to issue the NOTAM of closure upon notification by V. C. Bird Air Traffic Service.

2.2 Separation

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|---|--|----------------------------------|
|  | V. C. Bird International Airport Air Traffic Services | DOCUMENT ID: ATS/ATM/CP:01/20 |
| | ATS Quality Management Systems | DATE: 29/05/2020 VERSION: 1.0 |

2.2.1 Separation criteria will be applied in accordance with the V. C. Bird Air Traffic Manual of Operations, Procedures for the Air Navigation Services-Air Traffic Management (DOC 4444) and the Regional Supplementary Procedures (DOC 7030).

2.3 Level Restrictions

2.3.1 Where possible, aircraft on long haul international flights shall be given priority with respect to cruising levels.


2.4 Other Measures

2.4.1 Other measures related to the closure of airspace and the implementation of the ATS contingency plan within the V. C. Bird TMA may include the following: -

- a) Suspension of VFR Operations;
- b) Delay or suspension of general aviation IFR operations, and;
- c) Delay or suspension of commercial IFR Operations.

3. TRANSITION TO CONTINGENCY SCHEME

- 3.1 During times of uncertainty when airspace closure seems possible, aircraft operators should be prepared for a possible change in routing while en-route. This will require familiarization with the alternative routes outlined in the contingency scheme (See Appendix A) as well as what may be promulgated by the V. C. Bird Air Traffic Services via NOTAM or AIP.
- 3.2 In event of airspace closure that has not been promulgated, V. C. Bird ATS will, if possible, broadcast to all aircraft in the V. C. Bird TMA, that the airspace is closed or affected and to stand by for further instructions.
- 3.3 The Antigua and Barbuda Air Traffic Services recognizes that when closures of airspace or airports are promulgated, individual airlines might have different

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|--|--|----------------------------------|
|  | V. C. Bird International Airport Air Traffic Services | DOCUMENT ID: ATS/ATM/CP:01/20 |
| | ATS Quality Management Systems | DATE: 29/05/2020 VERSION: 1.0 |


company requirements as to their alternative routings. V. C. Bird TMA will be alerted to respond to any request by aircraft and react commensurate with safety.

4. TRANSFER OF CONTROL AND COORDINATION

- 4.1 The transfer of control and communication will be at the common TMA boundaries of:-
- a) *V. C. Bird TMA – Piarco FIR;*
 - b) *V. C. Bird TMA – Pointe-a-Pitre TMA;*
 - c) *V. C. Bird TMA – San Juan FIR and;*
 - d) *V. C. Bird TMA – Princess Juliana CTA.*
- 4.2 V. C. Bird TMA will also review current coordination requirements in light of contingency operations or short notice of airspace closure. (See Appendix B – Contingency Coordination Procedures)

5. PILOTS AND OPERATORS PROCEDURES

- 5.1 All aircraft proceeding along the ATS routes established in this Contingency Plan shall abide by the Instrument Flight Rules (IFR) and shall be assigned a flight level in accordance with the ICAO Annex 2, Appendix 3 – Table of Cruising Levels.
- 5.2 Fly along the route or as close as possible to the center line of the assigned contingency route.
- 5.3 Maintain a continuous watch on the emergency frequency 121.5Mhz and VHF frequency 119.1 published for the V. C. Bird Approach unit and transmit on that frequency, in English, the real or estimated position at the reporting point.
- 5.4 Operate transponder at all times during the flight, regardless of whether the aircraft is within or outside airspace where secondary surveillance radar (SSR) is used for ATS purposes. Transponders should be set to the last assigned discrete code or select code 2000 if ATC has not assigned a code.

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|  | V. C. Bird International Airport Air Traffic Services | DOCUMENT ID: ATS/ATM/CP:01/20 |
| | ATS Quality Management Systems | DATE: 29/05/2020 VERSION: 1.0 |

- 5.5 Pilots are required to maintain during the entire flight time within the V. C. Bird TMA, the flight level last assigned by the last ATC unit responsible prior to the aircraft entering the V. C. Bird TMA. Under no circumstances shall pilots change their level, except in cases of emergency and for flight safety reasons.
- 5.6 If an emergency, or any other circumstances likely to affect flight safety, makes it impracticable to maintain the flight level assigned for transit through V. C. Bird TMA, climb or descend well to the right of the centerline of the contingency route being flown, immediately broadcast the emergency level change and any other pertinent information.


6. OVERFLIGHT APPROVAL

- 6.1 Where required, aircraft operators shall request overflight approval from States for flights operating through airspace under their jurisdiction.
- 6.2 In contingency situations, flights may be re-routed at short notice and it may not be possible for operators to give the required advance notice in a timely manner to obtain approval.
- 6.3 States responsible for the airspace in which contingency routes are established should consider making special arrangements to expedite flight approvals in these contingency situations.

7. CONTINGENCY UNITS

- 7.1 The ATM national contingency unit assigned the responsibility of monitoring developments that may dictate the enforcement of the contingency plan and coordination of contingency arrangements is: -

Agency: Air Traffic Services – Ministry of Civil Aviation
Contact Person: Shenneth Phillips – Chief of Air Traffic Services
Alternates: Lorraine Davis – Deputy Chief Air Traffic Services

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|--|--|----------------------------------|
|  | V. C. Bird International Airport Air Traffic Services | DOCUMENT ID: ATS/ATM/CP:01/20 |
| | ATS Quality Management Systems | DATE: 29/05/2020 VERSION: 1.0 |

Luana Isaac- Coordinator AIS/AIM

Telephone: (268) 562 0301 or 0302
(268) 764 3328 (Mobile)

Alternate: (268) 562 5232 (Office)
(268) 728 0396 (Mobile)

(268) 562 5235 (Office)
(268) 725 2897 (Mobile)

Fax: (268) 562 3040

Email: shenneth.phillips@ab.gov.ag or shennethp@yahoo.com
lorraine.davis@ab.gov.ag or lorrainedavis11@gmail.com
luana.isaac@ab.gov.ag

7.2 The national contingency unit will liaise with the ICAO NACC Regional Office.


8. REROUTING SCHEME

8.1 In the event of a complete Air-to Ground/ Ground-to-Air and Point-to-Point Communications failure within the V. C. Bird TMA aircraft operators should file their flight plans using the alternative Contingency Routes (CR) listed in Appendix A.

8.2 All aircraft shall establish and maintain contact on the published VHF or HF frequencies of the ATS units responsible for the airspace being traversed.

9. POINTS OF CONTACT


9.1 A list of contact information for States/International Organizations to be used when contingency measures are activated is provided in Appendix D

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|--|--|----------------------------------|
|  | V. C. Bird International Airport Air Traffic Services | DOCUMENT ID: ATS/ATM/CP:01/20 |
| | ATS Quality Management Systems | DATE: 29/05/2020 VERSION: 1.0 |


Document Approval and Issue Status

The signatures below indicate that this document has been reviewed, accepted and demonstrates that the signatories are aware of all the requirements contained herein and are committed to ensuring their provision.


AUTHORIZING SIGNATURES



 Edson Joseph
 Permanent Secretary Ministry of
 Public Utilities, Civil Aviation
 Transportation and Energy



 Shenneth Phillips
 Chief Air Traffic Services

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|  | V. C. Bird International Airport Air Traffic Services | DOCUMENT ID: ATS/ATM/CP:01/20 |
| | ATS Quality Management Systems | DATE: 29/05/2020 VERSION: 1.0 |


APPENDIX A

Alternate Contingency Routes (CR)

1. Traffic Eastbound through the V.C. Bird TMA shall enter via ELOPO and proceed ELOPO B520 ANU A632 MEDUS
2. Traffic Westbound through the V. C. Bird TMA shall enter via BIMBO and proceed BIMBO A517 SKB A517 ZPATA.

See chart below.

Note: TIKAL has been renamed ZPATA.

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|--|--|----------------------------------|
|  | V. C. Bird International Airport Air Traffic Services | DOCUMENT ID: ATS/ATM/CP:01/20 |
| | ATS Quality Management Systems | DATE: 29/05/2020 VERSION: 1.0 |


APPENDIX B

Coordination Procedures

1. In the event that the V.C. Bird APP/TWR is out of service and no ATS is available for the V.C. Bird TMA, air traffic services will be delegated to the designated ATS authorities listed below.

PIARCO ACC - VHF 123.7 KHZ

Le Raizet RAPCON - VHF 121.3 KHZ

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|--|--|----------------------------------|
|  | V. C. Bird International Airport Air Traffic Services | DOCUMENT ID: ATS/ATM/CP:01/20 |
| | ATS Quality Management Systems | DATE: 29/05/2020 VERSION: 1.0 |

APPENDIX C

Sample NOTAMS

a) Avoidance of airspace

NOTAM DUE TO DISRUPTION OF ATS IN THE VC Bird TMA ALL ACFT ARE ADVISED TO AVOID THE TMA.

b) Airspace available limited ATS


NOTAM DUE TO ANTICIPATED DISRUPTION OF ATS IN THE V. C. BIRD TMA ALL ACFT ARE ADVISED THAT THERE WILL BE LIMITED ATS. PILOTS MAY EXPERIENCE DLA AND OVERFLIGHTS MAY CONSIDER AVOIDING THE AIRSPACE.

c) Contingency plan activated

NOTAMDUE TO DISRUPTION OF ATS IN V C. BIRD TMA ALL ACFT ARE ADVISED THAT THE V. C. Bird INTERNATIONAL CONTINGENCY PLAN FOR ACFT INTENDING TO OVERFLY ITS TMA IS IN EFFECT. FLIGHT PLANNING MUST BE IN ACCORDANCE WITH THE CONTINGENCY ROUTES LISTED AND FL ASSIGNMENT. PILOTS MUST STRICTLY ADHERE TO THE CONTINGENCY PROCEDURES. ONLY APPROVED INTERNATIONAL FLIGHTS ARE PERMITTED TO OVERFLY ANTIGUAN AIRSPACE.

d) Non-adherence to the Contingency Plan

NOTAM OPERATORS NOT ABLE TO ADHERE TO THE CONTINGENCY PLAN SHALL AVOID THE ANTIGUA TMA.

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|---|--|----------------------------------|
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| | ATS Quality Management Systems | DATE: 29/05/2020 VERSION: 1.0 |

APPENDIX D

Point of Contact for all concerned States and Organizations

| STATE/ INTERNATIONAL ORGANIZATION | POINT OF CONTACT | TELEPHONE/ FAX | E-MAIL ADDRESS |
|--|----------------------|--------------------------------------|-----------------------------------|
| ANTIGUA and BARBUDA | | | |
| Chief Air Traffic Services | Shenneth Phillips | 1(268) 562 0301/2 1(268) 764 3328 | Shenneth.phillips@ab.gov.ag |
| Deputy Chief Air Traffic Services | Lorraine Davis | 1(268) 562 5232 1(268) 728 0396 | Lorraine.davis@ab.gov.ag |
| Air Traffic Services Operations Officer | Eugene Silcott | 1(268) 562 5231 1(268) 779 3468 | Eugene.silcott@ab.gov.ag |
| Coordinator AIS/AIM | Luana Isaac | 1(268) 562 5235 1(268) 725 2897 | Luana.isaac@ab.gov.ag |
| Permanent secretary Ministry of Civil Aviation | Edson Joseph | 1(268) 464 7508 | Jedson84@gmail.com |
| CEO Antigua and Barbuda Airport Authority | Euletta Francis | 1(268) 484 2320 | Ve.francis@abairportauthority.com |
| Director of Operations Antigua and Barbuda Airport Authority | Joseph Samuel | 1(268) 484 2311 1(268) 736 0570 | jj.samuel@abairportauthority.com |
| TRINIDAD and TOBAGO | | | |
| Unit Chief Piarco ACC & APP Operations | | 1 (868) 774 4220 | cpeters@caa.gov.tt |
| Unit Chief Piarco ACC & APP | | | |
| Manager ATS & ANS Safety (TTCAA) | | 1 (868) 620 5969 | abrathwaite@caa.gov.tt |



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VERSION: 1.0

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| Executive Manager ANS (TTCAA) | | 1 (868) 689 4889 | rgarib@caa.gov.tt |
| Director General of Civil Aviation (TTCAA) | | 1 (868) 680 8634 | dgca@caa.gov.tt |
| Unit Chief ASAR and ANS Security | | 1 (868) 669 4806 1 (868) 784 2543 | bphirangee@caa,tt |
| Unit Chief ANS Safety | | 1 (868) 788 8284 | igomez@caa.gov.tt |
| SAN JUAN – PUERTO RICO | | | |
| Operational Manager in Charge | | 1 (787) 253 8664 | |
| En-route Supervisor | | 1(787) 253 8648 | |
| ST MARTIN - JULIANA | | | |
| Manager – Air Traffic Services. | Gregory Hassell | Wk.: 1-721-546-7539 fax: 1-721-546-7550 Cell: 1-721-520-0795 | ghassell@sxmairport.com |
| GADELOUPE | | | |
| ANS Permanent Manager Guadeloupe | | 011 590 590 690 86 46 90 | sna-ag-ntp-iao-ld@aviation- civile.gouv.fr |
| INMARSAT Guadeloupe | | 00870 76 212 35 64 | |
| INMARSAT Martinique | | 00870 76 212 35 72 | |
| ICAO NACC OFFICE MEXICO | | | |
| Regional Officer, ATM/SAR | Eddian Méndez | W: +52 55 5250 3211 M: +52 1 55 3643 9265 | emendez@icao.int |
| IATA -Miami | | | |
| Manager SFTY & Flight Ops- The Americas | Marco Vidal | Tel: 1786 526 3476 Cell: 1305 399 2053 | vidalm@iata.org |