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WORKING PAPER

E/CAR/CATG/6 — WP/05
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Sixth Eastern Caribbean Civil Aviation Technical Group (E/CAR/CATG/6) Meeting
Online, 17 to 19 August 2022

Agenda Item 4: Electronic Air Navigation Plan (e-ANP) Volume III

PROGRESS REPORT OF THE SAR COMMITTEE

(Presented by the SAR Committee Rapporteur)

EXECUTIVE SUMMARY	
This working paper presents a summary of the activities, which emanated from the Fifth Eastern Caribbean Civil Aviation Technical Group Meeting (E/CAR/CATG/5), Conclusion E/CAR/CATG/5/02 Development of a Basic Building Block Assessment.	
Action:	Suggested actions are presented in Section 3.
Strategic Objectives:	<ul style="list-style-type: none">• Safety• Economic Development of Air Transport
References:	<ul style="list-style-type: none">• Annex 11: Air Traffic Services• Annex 12: Search and Rescue• PANS-ATM (Doc 4444): Air Traffic Management• Doc 9731: IAMSAR Manual - International Aeronautical & Maritime Search and Rescue Manual• ASBU Task Force (NACC/WG/ASBU) Basic Building Block Evaluation document.• Report of the Fifth Eastern Caribbean Civil Aviation Technical Group Meeting (E/CAR/CATG/5), online, 8 to 10 September 2021.

1. Introduction

1.1 The Basic Building Block (BBB) framework outlines the foundation of any robust Air Navigation System. Aeronautical Search and Rescue (A-SAR) is an essential service to be provided for international civil aviation in accordance with ICAO Standards and Recommended Practices (SARPs).

1.2 The E/CAR/CATG SAR Rapporteur engaged Mr. Barry Phirangee (Air Traffic Management Officer, Planning and Technical Evaluation Unit, Air Navigation Services Planning and Development Department, Trinidad and Tobago Civil Aviation Authority) with subject matter expertise in A-SAR and Air Navigation Security to assist States with accomplishing the objectives associated with conclusion E/CAR/CATG/5/02 Development of a BBB Assessment (for A-SAR).

1.3 Mr. Phirangee facilitated the completion of the task by maintaining communication with the E/CAR States. The exercise constituted participants from the States of Antigua, Barbados, Dominica, French Antilles, Grenada, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, and Trinidad and Tobago.

2. Discussion

2.1 The personnel responsible for Air Traffic Management (ATM) for each state was contacted and informed of the requirements to complete the BBB evaluation document. Additionally, the E/CAR/CATG - SAR Point of Contact (POC) list was updated during this exercise (See **Appendix A**).

2.2 The BBB evaluation forms were prepared and emailed to each state. During follow up calls, some states requested assistance with completing the form. A sample document was prepared which made specific reference to the SARPs contained in the reference documents (Annex 11, Annex 12 and PANS-ATM-Doc 4444). The relevant contents of the IAMSAR documents were shared with states during the discussions. Virtual meetings were held with those States who required further assistance.

2.3 Barbados, Dominica, French Antilles, Grenada, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines provided the completed BBB Evaluation documents for A-SAR to the E/CAR SAR Rapporteur within the stipulated time (See **Appendices B – J**).

2.4 Discussions with the ECAR states indicated that there is a need for regional coordination in order to have an effective A-SAR system. Dominica demonstrated this through its coordination and collaboration with the Guadeloupe and Martinique.

3. Suggested Actions

3.1 The meeting is invited to:

- a) note the information presented in this working paper;
- b) urge E/CAR States/Territories to utilize the BBB Evaluation document to ensure compliance in accordance with the ICAO A-SAR reference materials provided; and
- c) provide other recommendations to improve A-SAR services in the E/CAR Region.

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APPENDIX A

E/CAR/CATG A-SAR POINT OF CONTACT LIST

STATE	MEMBER/S & POSITION	E-MAIL ADDRESS	TEL / MOBILE / FAX
Antigua and Barbuda	Shenneth Phillips ATC Chief VC Bird Int'l Airport, Antigua & Barbuda (E/CAR/CATG Chairperson)	shenneth.phillips@ab.gov.ag	T: +268 562 0301 M&W: +268 764 3328
Barbados	Glyne Blanchette Chief Air Traffic Control Officer Barbados Civil Aviation Department	glyne.blanchette@barbados.gov.bb	T: +246 536 3602 M&W: +246 827 1132
France	Jean-Jacques Des Champs Deputy Head of the SNA Antilles-Guyane	Jean-jacques.deschamps@aviation-civile.gouv.fr	T: +596 596 422 489 M&W: +596 (0)696 736 190
Dominica	Kirshton Pascal Airport Manager (Ag) Dominica Air and Sea Ports Authority	kpascal@daspa.dm	T: + 767 225 9884 M:: +
Grenada	Desmond Baptiste Manager ATS (Ag)	dbaptiste@gaa.gd	T: +473 534 5247 M&W: +473 534 5412
St Kitts and Nevis	Daron Sutton Nevis Airport Manager	airport.naspa@gmail.com	T: +869 664 5457 M&W: +869 663 5457
	Kiah Wilkes Nevis Chief Air Traffic Services	kiahwilkes@gmail.com kiah15@hotmail.com	T: + M&W: +869 664 6639
	Osbert Wilkinson St Kitts Airport Manager	osbert.wilkinson@scaspa.com	T: + 869 662 5485
	Kurt Louard St Kitts Senior Air Traffic Controller	kurt.louard@scaspa.com	T: + 869 762 0828 M&W: + 869 665 3014
St Lucia	Amy Charles Manager ATS St Lucia Air & Sea Ports Authority	amy.charles@slaspa.com	T: +758 457 6116/ 457 6100 (Ext-6116) M&W: +758 728 4854
	Remy Avril Senior ATCO, ATS Division St Lucia Air & Sea Ports Authority	remy.avril@slaspa.com	T: +758 457 6100 (Ext-7014) M&W: +758 728 4886
St Vincent & the Grenadines	Dillett Davis Director of Airports (Ag)	catcsvg@gmail.com	T: +784 458 4011 M&W: +784 495 1980

STATE	MEMBER/S & POSITION	E-MAIL ADDRESS	TEL / MOBILE / FAX
Trinidad and Tobago	Rohan Garib Executive Manager ANS	rgarib@caa.gov.tt	T: +868 669 4806 M&W +868 689 4889
	Alexis Brathwaite Manager ATS and ANS Safety	abrathwaite@caa.gov.tt	T: +868 669 4806 M&W: +868 620 5969
ICAO NACC Office	Eddian Mendez Regional Officer ATM/SAR	emendez@icao.int	T: +52 55 5250 3211 M&W: +52 1 55 3643 9265
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APPENDIX B

A-SAR BBB EVALUATION FORM - BARBADOS

3. Search and Rescue Services – Barbados				
Elements	Description	Reference/Guidance	State Observation	
3.1 Alert Service		A11: Ch:2,5 PANS-ATM: Ch. 9.2 and Ch. 10.2 IAMSAR Vol 1	YES: <input checked="" type="checkbox"/>	NO:
			N/A:	TBD:
Comments: Approach And A/c Perform This Job				
3.2 INCERFA Coordination		A12: Ch:5	YES: <input checked="" type="checkbox"/>	NO:
			N/A:	TBD:
Comments: Approach And A/c Perform This Job.				
3.3 INCERFA Emergency Report		A12: Ch:5	YES: <input checked="" type="checkbox"/>	NO:
			N/A:	TBD:
Comments: A/c Performs This Function				
3.4 ALERFA Alert To Be Prepared		A12: Ch:3,5 and A11: Ch:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch:2,3	YES: <input checked="" type="checkbox"/>	NO:
			N/A:	TBD:
Comments: A/c Performs This Function				

<p>3.5 ALERFA Design Search Plan</p>		<p>A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:5,6,7,8,9</p>	<p>YES:</p>	<p>NO:</p>
<p>Comments: <i>COORDINATION BETWEEN A12 + SAR STAKEHOLDERS NEEDED.</i></p>			<p>N/A:</p>	<p>TBD: ✓</p>
<p>3.6 DETRESFA Develop SAR Plan for Incident</p>		<p>A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:5,6,7,8,9</p>	<p>YES:</p>	<p>NO:</p>
<p>Comments: <i>COORDINATION BETWEEN A12 + SAR STAKEHOLDERS NEEDED.</i></p>			<p>N/A:</p>	<p>TBD: ✓</p>
<p>3.7 DETRESFA Implement SAR Plan for Incident Task</p>		<p>A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9</p>	<p>YES:</p>	<p>NO:</p>
<p>Comments: <i>COORDINATION BETWEEN A12 + SAR STAKEHOLDERS NEEDED.</i></p>			<p>N/A:</p>	<p>TBD: ✓</p>
<p>3.8 DETRESFA Implement SAR Plan for Incident Request</p>		<p>A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9</p>	<p>YES:</p>	<p>NO:</p>
<p>Comments: <i>COORDINATION BETWEEN A12 + SAR STAKEHOLDERS NEEDED.</i></p>			<p>N/A:</p>	<p>TBD: ✓</p>
<p>3.9 DETRESFA Implement SAR Plan for Incident Notify</p>		<p>A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9</p>	<p>YES:</p>	<p>NO:</p>
<p>Comments: <i>COORDINATION BETWEEN A12 + SAR STAKEHOLDERS NEEDED.</i></p>			<p>N/A:</p>	<p>TBD: ✓</p>

APPENDIX C

A-SAR BBB EVALUATION FORM - DOMINICA

3. Search and Rescue Services – Dominica				
Elements	Description	Reference/Guidance	State Observation	
3.1 Alert Service	<p>1. In accordance with A11 Ch. 5.2 and PANS-ATM Ch. 9.2, does the Unit responsible for providing an alerting service:</p> <p>a) Notify ATS Units and RCCs providing alerting service in other affected FIRs or CTAs of the existing emergency phase?</p> <p>b) Request those ATS Units and RCCs to assist in the search?</p> <p>c) Collect, verify and transmit all information during the emergency phase and transmit it to the RCC?</p> <p>d) Announce the termination of the state of emergency as circumstances dictate?</p> <p>1. In accordance with PANS-ATM Ch. 10.2, does the transferring ATS Unit report any emergency circumstance of an aircraft to the Receiving Unit?</p>	A11: Ch.:2,5 PANS-ATM: Ch. 9.2 and Ch. 10.2 IAMSAR Vol 1	YES:	NO:
			N/A:	TBD:
			Yes	
	Comments:			
3.2 INCERFA Coordination	<p>1. In accordance with A12 Ch. 5, does the State ensure:</p> <p>a) Coordination with its RCC, ATS units and other appropriate agencies for timely and accurate evaluation?</p> <p>b) RCCs evaluate the information immediately and assess the extent of operation required?</p>	A12: Ch.:5	YES:	NO:
			N/A:	TBD:
			Yes	
			Yes	

3. Search and Rescue Services – Dominica				
	Comments:			
3.3 INCERFA Emergency Report	1. In accordance with A12 Ch. 5, does the State ensure: a) Reports are prepared? b) Records are stored and secured?	A12: Ch.:5	YES: yes	NO:
			N/A:	TBD:
			Yes	Yes
Comments: Reports are logged in the incident logbook.				
3.4 ALERFA Alert To Be Prepared	1. In accordance with A12 Ch. 3 and 5: a) Does the RCC immediately alert SAR Units and initiate any necessary action? b) Does the State ensure the preparation of ALERFA messages by the RCC? c) Does the State ensure that all available information to the RCC concerned is shared immediately?	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:2,3	YES: yes	NO:
			N/A:	TBD:
			Yes	Yes
			Yes	Yes
Comments: Information sent out immediately to SAR unit.				
3.5 ALERFA Design Search Plan	1. In accordance with A12 Ch. 3 and 5, does the State ensure: a) RCC develops detailed plans of action for the conduct of the search for aircraft? b) Common SAR plans are coordinated with the SAR plans of neighbouring States?	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:5,6,7,8,9	YES: yes	NO:
			N/A:	TBD:
			Yes	Yes
			Yes	Yes
Comments: All relevant information is given to the SAR as it pertains to the aircraft and any other necessary information which is needed.				
3.6 DETRESFA Develop SAR Plan for Incident	1. In accordance with A12 Ch. 3, does the RCC: a) Coordinate SAR plans with neighbouring States? b) Immediately activate SRU's in accordance with	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:5,6,7,8,9	YES: Yes	NO:
			N/A:	TBD:
			Yes	Yes
			Yes	Yes

3. Search and Rescue Services – Dominica				
	the appropriate plan of operation? Ascertain the position of the aircraft, and determine			
	Comments: SAR Unit use maps to assist in locating final position of aircraft. Details on last report position of aircraft is given by ATS.			
3.7 DETRESFA Implement SAR Plan for Incident Task	1. In accordance to A12 Ch. 3 and 5, and A11 Ch. 5, does the RCC: a) Develop; and amend as required; a detailed plan of action for the conduct of the search and/or rescue operation required? b) Communicate the SAR Plan to the SRU? c) Request assistance from all available resources? d) Notify the aircraft Operator? e) Notify other RCCs? f) Notify ATS when information has been obtained otherwise?	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9	YES: Yes	NO:
			N/A:	TBD:
			Yes	
	Comments: TBD procedures for hazmat material which may be transported by the aircraft.			
3.8 DETRESFA Implement SAR Plan for Incident Request	1. In accordance to A12 Ch. 3 and 5, and A11 Ch. 5, does the State: a) Coordinate its SAR Organization with those of neighbouring States? b) Authorize its RCC to request assistance from other RCCs as needed? c) Authorize its RCC to provide assistance to other RCCs as requested?	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9	YES:	NO:
			N/A:	TBD:
			Yes	
	Comments: The government ministry request assistance from the French authority regarding SAR. TBD letter of agreement with the French authority			

3. Search and Rescue Services – Dominica				
	The national security has a good relationship with the French authority in the event of aircraft in Distress			
3.9 DETRESFA Implement SAR Plan for Incident Notify	1. In accordance with A-12, does the State ensure:	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9	YES:	NO:
	a) The RCC notifies other RCCs and ATS Units that may be required to assist or may be concerned with the emergency?		N/A: Yes	TBD:
	b) All RCCs that are part of the SAR operation receive all updated information and circumstances of the operation?		Yes	
	c) The suspension or cancellation of SAR action?		Yes	
	d) The appropriate accident investigation authority?		Yes	
	The state of registry of the aircraft			
	Comments: The ATS unit works closely with Guadeloupe and Martinique daily to ensure the safe flow of air traffic.			

APPENDIX D

A-SAR BBB EVALUATION FORM – FRENCH ANTILLES

3. Search and Rescue Services – French Antilles				
Elements	Description	Reference/Guidance	State Observation	
3.1 Alert Service	<p>1. In accordance with A11 Ch. 5.2 and PANS-ATM Ch. 9.2, does the Unit responsible for providing an alerting service:</p> <p>a) Notify ATS Units and RCCs providing alerting service in other affected FIRs or CTAs of the existing emergency phase?</p> <p>b) Request those ATS Units and RCCs to assist in the search?</p> <p>c) Collect, verify and transmit all information during the emergency phase and transmit it to the RCC?</p> <p>d) Announce the termination of the state of emergency as circumstances dictate?</p> <p>1. In accordance with PANS-ATM Ch. 10.2, does the transferring ATS Unit report any emergency circumstance of an aircraft to the Receiving Unit?</p>	<p>A11: Ch.:2,5 PANS-ATM: Ch. 9.2 and Ch. 10.2 IAMSAR Vol 1</p> <p>N</p> <p>If Necessary</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	YES: X	NO:
			N/A:	TBD:
Comments:				
3.2 INCERFA Coordination	<p>1. In accordance with A12 Ch. 5, does the State ensure:</p> <p>a) Coordination with its RCC, ATS units and other appropriate agencies for timely and accurate evaluation?</p> <p>b) RCCs evaluate the information immediately and assess the extent of operation required</p>	<p>A12: Ch.:5.2</p> <p>Yes, as necessary</p> <p>Yes</p>	YES: X	NO:
			N/A:	TBD:

3. Search and Rescue Services – French Antilles				
Elements	Description	Reference/Guidance	State Observation	
	Comments: ATS units and RCC/RSC are collocated in French territories : ARCC Cayenne is located in Cayenne ACC, ARSC Martinique is located in Martinique ATC unit, Guadeloupe ARSC is located in Guadeloupe Pointe-à-Pitre ATC unit.			
3.3 INCERFA Emergency Report	1. In accordance with A12 Ch. 5, does the State ensure: a) Reports are prepared? b) Records are stored and secured?	A12: Ch.:5 Only ATS Incerfa messages Yes	YES: X	NO:
			N/A:	TBD:
Comments:				
3.4 ALERFA Alert To Be Prepared	1. In accordance with A12 Ch. 3 and 5: a) Does the RCC immediately alert SAR Units and initiate any necessary action? b) Does the State ensure the preparation of ALERFA messages by the RCC? c) Does the State ensure that all available information to the RCC concerned is shared immediately?	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:2,3 Yes Yes Yes	YES: X	NO:
			N/A:	TBD:
Comments: Message contains elements as found in Annex-12:5.5.2				
3.5 ALERFA Design Search Plan	1. In accordance with A12 Ch. 3 and 5, does the State ensure: a) RCC develops detailed plans of action for the conduct of the search for aircraft? b) Common SAR plans are coordinated with the SAR plans of neighbouring States?	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:5,6,7,8,9 Yes No	YES:	NO:
			N/A:	TBD: X
Comments: SAR Plans are coordinated between French Guyana, Guadeloupe and Martinique. No coordination with neighbouring SAR plans.				
3.6 DETRESFA Develop SAR Plan for Incident	1. In accordance with A12 Ch. 3, does the RCC: a) Coordinate SAR plans with neighbouring States?	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:5,6,7,8,9	YES: X	NO:
			N/A:	TBD:

3. Search and Rescue Services – French Antilles				
Elements	Description	Reference/Guidance	State Observation	
	<ul style="list-style-type: none"> b) Immediately activate SRU's in accordance with the appropriate plan of operation? c) Ascertain the position of the aircraft, and determine the search area taking into consideration the degree of uncertainty? d) Develop detailed plans of action for the conduct of the search and/or rescue operations? 	<ul style="list-style-type: none"> No Yes Yes Yes 		
Comments:				
3.7 DETRESFA Implement SAR Plan for Incident Task	1. In accordance to A12 Ch. 3 and 5, and A11 Ch. 5, does the RCC: <ul style="list-style-type: none"> a) Develop; and amend as required; a detailed plan of action for the conduct of the search and/or rescue operation required? b) Communicate the SAR Plan to the SRU? c) Request assistance from all available resources? d) Notify the aircraft Operator? e) Notify other RCCs? f) Notify ATS when information has been obtained otherwise? 	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9 <ul style="list-style-type: none"> Yes Yes As necessary As necessary As necessary Yes 	YES: X	NO:
			N/A:	TBD:
Comments:				
3.8 DETRESFA Implement SAR Plan for Incident Request	1. In accordance to A12 Ch. 3 and 5, and A11 Ch. 5, does the State: <ul style="list-style-type: none"> a) Coordinate its SAR Organization with those of neighbouring States? b) Authorize its RCC to request assistance from other RCCs as needed? 	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9 <ul style="list-style-type: none"> As necessary Yes 	YES: X	NO:
			N/A:	TBD:

3. Search and Rescue Services – French Antilles				
Elements	Description	Reference/Guidance	State Observation	
	c) Authorize its RCC to provide assistance to other RCCs as requested?	Yes		
	Comments: RCC can assist neighbouring States, however the authorization to use an national air or marine assets in another country is not given by RCC but via diplomatic / military coordination.			
3.9 DETRESFA Implement SAR Plan for Incident Notify	1. In accordance with A-12, does the State ensure:	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9	YES: X	NO:
	a) The RCC notifies other RCCs and ATS Units that may be required to assist or may be concerned with the emergency? b) All RCCs that are part of the SAR operation receive all updated information and circumstances of the operation? c) The suspension or cancellation of SAR action? d) The appropriate accident investigation authority? e) The state of registry of the aircraft?	As necessary Yes Yes Yes	N/A:	TBD:
	Comments:			

APPENDIX E

A-SAR BBB EVALUATION FORM – GRENADA

3. Search and Rescue Services – Grenada				
Elements	Description	Reference/Guidance	State Observation	
3.1 Alert Service	<p>1. In accordance with A11 Ch. 5.2 and PANS-ATM Ch. 9.2, does the Unit responsible for providing an alerting service:</p> <p>a) Notify ATS Units and RCCs providing alerting service in other affected FIRs or CTAs of the existing emergency phase?</p> <p>b) Request those ATS Units and RCCs to assist in the search?</p> <p>c) Collect, verify and transmit all information during the emergency phase and transmit it to the RCC?</p> <p>d) Announce the termination of the state of emergency as circumstances dictate?</p> <p>1. In accordance with PANS-ATM Ch. 10.2, does the transferring ATS Unit report any emergency circumstance of an aircraft to the Receiving Unit?</p>	A11: Ch.:2,5 PANS-ATM: Ch. 9.2 and Ch. 10.2 IAMSAR Vol 1	YES: ✓	NO:
			N/A:	TBD:
Comments:				
3.2 INCERFA Coordination	<p>1. In accordance with A12 Ch. 5, does the State ensure:</p> <p>a) Coordination with its RCC, ATS units and other appropriate agencies for timely and accurate evaluation?</p> <p>b) RCCs evaluate the information immediately and assess the extent of operation required.</p>	A12: Ch.:5.2	YES: ✓	NO:
			N/A:	TBD:

3. Search and Rescue Services – Grenada				
Elements	Description	Reference/Guidance	State Observation	
Comments:				
3.3 INCERFA Emergency Report	1. In accordance with A12 Ch. 5, does the State ensure: a) Reports are prepared? b) Records are stored and secured?	A12: Ch.:5	YES: ✓	NO:
			N/A:	TBD:
Comments: reports made in designated incident log				
3.4 ALERFA Alert To Be Prepared	1. In accordance with A12 Ch. 3 and 5: a) Does the RCC immediately alert SAR Units and initiate any necessary action? b) Does the State ensure the preparation of ALERFA messages by the RCC? c) Does the State ensure that all available information to the RCC concerned is shared immediately?	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:2,3	YES: ✓	NO:
			N/A:	TBD:
Comments: Message contains elements as found in Annex-12:5.5.2				
3.5 ALERFA Design Search Plan	1. In accordance with A12 Ch. 3 and 5, does the State ensure: a) RCC develops detailed plans of action for the conduct of the search for aircraft? b) Common SAR plans are coordinated with the SAR plans of neighbouring States?	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:5,6,7,8,9	YES:	NO:
			N/A:	TBD:✓
Comments: local emergency plan exists but will have to be further developed to incorporate more details				
3.6 DETRESFA Develop SAR Plan for Incident	1. In accordance with A12 Ch. 3, does the RCC: a) Coordinate SAR plans with neighbouring States? b) Immediately activate SRU's in accordance with	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:5,6,7,8,9	YES:	NO:
			N/A:	TBD: ✓

3. Search and Rescue Services – Grenada				
Elements	Description	Reference/Guidance	State Observation	
	<p>the appropriate plan of operation?</p> <p>c) Ascertain the position of the aircraft, and determine the search area taking into consideration the degree of uncertainty?</p> <p>d) Develop detailed plans of action for the conduct of the search and/or rescue operations?</p>			
Comments:				
3.7 DETRESFA Implement SAR Plan for Incident Task	<p>1. In accordance to A12 Ch. 3 and 5, and A11 Ch. 5, does the RCC:</p> <p>a) Develop; and amend as required; a detailed plan of action for the conduct of the search and/or rescue operation required?</p> <p>b) Communicate the SAR Plan to the SRU?</p> <p>c) Request assistance from all available resources?</p> <p>d) Notify the aircraft Operator?</p> <p>e) Notify other RCCs?</p> <p>f) Notify ATS when information has been obtained otherwise?</p>	<p>A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9</p>	YES:	NO:
			N/A:	TBD: ✓
Comments:				
3.8 DETRESFA Implement SAR Plan for Incident Request	<p>1. In accordance to A12 Ch. 3 and 5, and A11 Ch. 5, does the State:</p> <p>a) Coordinate its SAR Organization with those of neighbouring States?</p> <p>b) Authorize its RCC to request assistance from other RCCs as needed?</p> <p>c) Authorize its RCC to provide assistance to other RCCs as requested</p>	<p>A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9</p>	YES:	NO:
			N/A:	TBD:✓

3. Search and Rescue Services – Grenada				
Elements	Description	Reference/Guidance	State Observation	
Comments:				
3.9 DETRESFA Implement SAR Plan for Incident Notify	1. In accordance with A-12, does the State ensure: a) The RCC notifies other RCCs and ATS Units that may be required to assist or may be concerned with the emergency? b) All RCCs that are part of the SAR operation receive all updated information and circumstances of the operation? c) The suspension or cancellation of SAR action? d) The appropriate accident investigation authority? e) The state of registry of the aircraft?	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9	YES:	NO:
			N/A:	TBD: ✓
Comments:				

APPENDIX F

A-SAR BBB EVALUATION FORM – NEVIS

3. Search and Rescue Services – Nevis				
Elements	Description	Reference/Guidance	State Observation	
3.1 Alert Service	<p>1. In accordance with A11 Ch. 5.2 and PANS-ATM Ch. 9.2, does the Unit responsible for providing an alerting service:</p> <p>a) Notify ATS Units and RCCs providing alerting service in other affected FIRs or CTAs of the existing emergency phase?</p> <p>b) Request those ATS Units and RCCs to assist in the search?</p> <p>c) Collect, verify and transmit all information during the emergency phase and transmit it to the RCC?</p> <p>d) Announce the termination of the state of emergency as circumstances dictate?</p> <p>1. In accordance with PANS-ATM Ch. 10.2, does the transferring ATS Unit report any emergency circumstance of an aircraft to the Receiving Unit?</p>	A11: Ch.:2,5 PANS-ATM: Ch. 9.2 and Ch. 10.2 IAMSAR Vol 1	YES:	NO:
			N/A:	TBD:
			Yes	
	Comments:			
3.2 INCERFA Coordination	<p>1. In accordance with A12 Ch. 5, does the State ensure:</p> <p>a) Coordination with its RCC, ATS units and other appropriate agencies for timely and accurate evaluation?</p>	A12: Ch.:5.2	YES:	NO:
			N/A:	TBD:
			Yes	

3. Search and Rescue Services – Nevis				
Elements	Description	Reference/Guidance	State Observation	
	b) RCCs evaluate the information immediately and assess the extent of operation required?		Yes	
Comments:				
3.3 INCERFA Emergency Report	1. In accordance with A12 Ch. 5, does the State ensure: a) Reports are prepared? b) Records are stored and secured?	A12: Ch.:5 To be developed	YES:	NO:
			N/A: To be developed however reports are recorded in Incident log	TBD:
Comments:				
3.4 ALERFA Alert To Be Prepared	1. In accordance with A12 Ch. 3 and 5: a) Does the RCC immediately alert SAR Units and initiate any necessary action? b) Does the State ensure the preparation of ALERFA messages by the RCC? c) Does the State ensure that all available information to the RCC concerned is shared immediately?	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:2,3	YES:	NO:
			N/A:	TBD: To be developed
Comments: Message contains elements as found in Annex-12:5.5.2				
3.5 ALERFA Design Search Plan	1. In accordance with A12 Ch. 3 and 5, does the State ensure: a) RCC develops detailed plans of action for the conduct of the search for aircraft?	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:5,6,7,8,9	YES:	NO:
			N/A:	TBD: To be developed

3. Search and Rescue Services – Nevis				
Elements	Description	Reference/Guidance	State Observation	
	b) Common SAR plans are coordinated with the SAR plans of neighbouring States?	To be developed		
Comments:				
3.6 DETRESFA Develop SAR Plan for Incident	1. In accordance with A12 Ch. 3, does the RCC: a) Coordinate SAR plans with neighbouring States? b) Immediately activate SRU's in accordance with the appropriate plan of operation? c) Ascertain the position of the aircraft, and determine the search area taking into consideration the degree of uncertainty? d) Develop detailed plans of action for the conduct of the search and/or rescue operations?	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:5,6,7,8,9	YES:	NO:
			N/A:	TBD: To be developed
Comments:				
3.7 DETRESFA Implement SAR Plan for Incident Task	1. In accordance to A12 Ch. 3 and 5, and A11 Ch. 5, does the RCC: a) Develop; and amend as required; a detailed plan of action for the conduct of the search and/or rescue operation required? b) Communicate the SAR Plan to the SRU? c) Request assistance from all available resources?	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9	YES:	NO:
			N/A:	TBD: To be developed

3. Search and Rescue Services – Nevis				
Elements	Description	Reference/Guidance	State Observation	
	d) Notify the aircraft Operator? e) Notify other RCCs? f) Notify ATS when information has been obtained otherwise?			
Comments:				
3.8 DETRESFA Implement SAR Plan for Incident Request	1. In accordance to A12 Ch. 3 and 5, and A11 Ch. 5, does the State: a) Coordinate its SAR Organization with those of neighbouring States? b) Authorize its RCC to request assistance from other RCCs as needed? c) Authorize its RCC to provide assistance to other RCCs as requested?	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9	YES:	NO:
			N/A:	TBD: To be developed
Comments:				
3.9 DETRESFA Implement SAR Plan for Incident Notify	1. In accordance with A-12, does the State ensure: a) The RCC notifies other RCCs and ATS Units that may be required to assist or may be concerned with the emergency? b) All RCCs that are part of the SAR operation receive all updated information and circumstances of the operation? c) The suspension or cancellation of SAR action?	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9 To be developed	YES:	NO:
			N/A:	TBD: To be developed

3. Search and Rescue Services – Nevis			
Elements	Description	Reference/Guidance	State Observation
	d) The appropriate accident investigation authority? e) The state of registry of the aircraft?		
Comments:			

APPENDIX G

A-SAR BBB EVALUATION FORM – SAINT LUCIA

3. Search and Rescue Services - Saint Lucia				
Elements	Description	Reference/Guidance	State Observation	
3.1 Alert Service	ATC will notify appropriate organisations regarding aircraft in need of search and rescue aid.	A11: Ch.:2,5 PANS-ATM: Ch. 9.2 and Ch. 10.2 IAMSAR Vol 1	YES: ✓	NO:
			N/A:	TBD:
Comments:				
3.2 INCERFA Coordination	ATC will notify relevant ATS units regarding uncertainty about the safety of an aircraft and its occupants.	A12: Ch.:5	YES: ✓	NO:
			N/A:	TBD:
Comments:				
3.3 INCERFA Emergency Report	ATC provides report.	A12: Ch.:5	YES: ✓	NO:
			N/A:	TBD:
Comments:				
3.4 ALERFA Alert To Be Prepared	Prepared and disseminated by AIS unit.	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:2,3	YES: ✓	NO:
			N/A:	TBD:
Comments:				
3.5 ALERFA Design Search Plan		A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:5,6,7,8,9	YES:	NO: ✓
			N/A:	TBD:
Comments:				
3.6 DETRESFA Develop SAR Plan for Incident		A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:5,6,7,8,9	YES:	NO: ✓
			N/A:	TBD:
Comments:				
3.7 DETRESFA Implement SAR Plan for Incident Task		A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9	YES:	NO: ✓
			N/A:	TBD:
Comments:				
3.8		A12: Ch.:3,5 and A11: Ch.:5	YES:	NO: ✓

3. Search and Rescue Services - Saint Lucia				
Elements	Description	Reference/Guidance	State Observation	
DETRESFA Implement SAR Plan for Incident Request		IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9	N/A:	TBD:
	Comments:			
3.9 DETRESFA Implement SAR Plan for Incident Notify		A12: Ch.:3,5 and A11: Ch.:5	YES:	NO: ✓
		IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9	N/A:	TBD:
	Comments:			

APPENDIX H

A-SAR BBB EVALUATION FORM – SAINT KITTS

3. Search and Rescue Services – Saint Kitts				
Elements	Description	Reference/Guidance	State Observation	
3.1 Alert Service	<p>1. In accordance with A11 Ch. 5.2 and PANS-ATM Ch. 9.2, does the Unit responsible for providing an alerting service:</p> <p>a) Notify ATS Units and RCCs providing alerting service in other affected FIRs or CTAs of the existing emergency phase?</p> <p>b) Request those ATS Units and RCCs to assist in the search?</p> <p>c) Collect, verify and transmit all information during the emergency phase and transmit it to the RCC?</p> <p>d) Announce the termination of the state of emergency as circumstances dictate?</p> <p>1. In accordance with PANS-ATM Ch. 10.2, does the transferring ATS Unit report any emergency circumstance of an aircraft to the Receiving Unit?</p>	A11: Ch.:2,5 PANS-ATM: Ch. 9.2 and Ch. 10.2 IAMSAR Vol 1	YES: X	NO:
			N/A:	TBD:
Comments:				
3.2 INCERFA Coordination	<p>1. In accordance with A12 Ch. 5, does the State ensure:</p> <p>a) Coordination with its RCC, ATS units and other appropriate agencies for timely and accurate evaluation?</p> <p>b) RCCs evaluate the information immediately and assess the extent of operation required?</p>	A12: Ch.:5.2	YES: X	NO:
			N/A:	TBD:

3. Search and Rescue Services – Saint Kitts				
Elements	Description	Reference/Guidance	State Observation	
Comments:				
3.3 INCERFA Emergency Report	1. In accordance with A12 Ch. 5, does the State ensure: a) Reports are prepared? b) Records are stored and secured?	A12: Ch.:5	YES: X	NO:
			N/A:	TBD:
Comments: Information is noted in the ATC incident log and notification to SATCO AFRS, Airline representative, Airport Operations/Management				
3.4 ALERFA Alert To Be Prepared	1. In accordance with A12 Ch. 3 and 5: a) Does the RCC immediately alert SAR Units and initiate any necessary action? b) Does the State ensure the preparation of ALERFA messages by the RCC? c) Does the State ensure that all available information to the RCC concerned is shared immediately?	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:2,3	YES: X	NO:
			N/A:	TBD:
Comments: Message contains elements as found in Annex-12:5.5.2				
3.5 ALERFA Design Search Plan	1. In accordance with A12 Ch. 3 and 5, does the State ensure: a) RCC develops detailed plans of action for the conduct of the search for aircraft? b) Common SAR plans are coordinated with the SAR plans of neighbouring States?	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:5,6,7,8,9	YES:	NO:
			N/A:	TBD: X
Comments: No written agreements in place but mutual assistance can be had				
3.6 DETRESFA Develop SAR Plan for Incident	1. In accordance with A12 Ch. 3, does the RCC: a) Coordinate SAR plans with neighbouring States? b) Immediately activate SRU's in accordance with	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:5,6,7,8,9	YES: X	NO:
			N/A:	TBD:

3. Search and Rescue Services – Saint Kitts				
Elements	Description	Reference/Guidance	State Observation	
	<p>the appropriate plan of operation?</p> <p>c) Ascertain the position of the aircraft, and determine the search area taking into consideration the degree of uncertainty?</p> <p>d) Develop detailed plans of action for the conduct of the search and/or rescue operations?</p>			
Comments: :No written agreements				
3.7 DETRESFA Implement SAR Plan for Incident Task	<p>1. In accordance to A12 Ch. 3 and 5, and A11 Ch. 5, does the RCC:</p> <p>a) Develop; and amend as required; a detailed plan of action for the conduct of the search and/or rescue operation required?</p> <p>b) Communicate the SAR Plan to the SRU?</p> <p>c) Request assistance from all available resources?</p> <p>d) Notify the aircraft Operator?</p> <p>e) Notify other RCCs?</p> <p>f) Notify ATS when information has been obtained otherwise?</p>	<p>A12: Ch.:3,5 and A11: Ch.:5</p> <p>IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9</p>	YES: X	NO:
			N/A:	TBD:
Comments: In accordance with the AEP however will need letters of agreements for this stage.				
3.8 DETRESFA Implement SAR Plan for Incident Request	<p>1. In accordance to A12 Ch. 3 and 5, and A11 Ch. 5, does the State:</p> <p>a) Coordinate its SAR Organization with those of neighbouring States?</p> <p>b) Authorize its RCC to request assistance from other RCCs as needed?</p>	<p>A12: Ch.:3,5 and A11: Ch.:5</p> <p>IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9</p>	YES:	NO:
			N/A:	TBD: X

3. Search and Rescue Services – Saint Kitts				
Elements	Description	Reference/Guidance	State Observation	
	c) Authorize its RCC to provide assistance to other RCCs as requested?			
Comments: outside the aerodrome the National Emergency Management Agency will take lead, control and coordination of such incidents.				
3.9 DETRESFA Implement SAR Plan for Incident Notify	1. In accordance with A-12, does the State ensure:	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9	YES:	NO:
	a) The RCC notifies other RCCs and ATS Units that may be required to assist or may be concerned with the emergency? b) All RCCs that are part of the SAR operation receive all updated information and circumstances of the operation? c) The suspension or cancellation of SAR action? d) The appropriate accident investigation authority? e) The state of registry of the aircraft?		N/A:	TBD: X
Comments: outside the aerodrome the National Emergency Management Agency will take lead and control of such incidents				

APPENDIX I

A-SAR BBB EVALUATION FORM – SAINT VINCENT & THE GRENADINES

3. Search and Rescue Services – St. Vincent and the Grenadines				
Elements	Description	Reference/Guidance	State Observation	
3.1 Alert Service		A11: Ch.:2,5 PANS-ATM: Ch. 9.2 and Ch. 10.2 IAMSAR Vol 1	YES:	NO:
			X	
			N/A:	TBD:
Comments:				
3.2 INCERFA Coordination		A12: Ch.:5.	YES:	NO:
			X	
			N/A:	TBD:
Comments:				
3.3 INCERFA Emergency Report		A12: Ch.:5	YES:	NO:
			X	
			N/A:	TBD:
Comments: the incident log is used as the report mechanism.				
3.4 ALERFA Alert To Be Prepared		A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:2,3	YES:	NO:
			X	
			N/A:	TBD:
Comments:				
3.5 ALERFA Design Search Plan		A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:5,6,7,8,9	YES:	NO:
			N/A:	TBD: X
Comments:				
3.6 DETRESFA Develop SAR Plan for Incident		A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:5,6,7,8,9	YES:	NO:
			N/A:	TBD: X
Comments:				
3.7 DETRESFA Implement SAR Plan for Incident Task		A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9	YES:	NO:
			N/A:	TBD: X
Comments:				

3. Search and Rescue Services – St. Vincent and the Grenadines				
Elements	Description	Reference/Guidance	State Observation	
3.8 DETRESFA Implement SAR Plan for Incident Request		A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9	YES:	NO:
			N/A:	TBD: X
Comments:				
3.9 DETRESFA Implement SAR Plan for Incident Notify		A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9	YES:	NO:
			N/A:	TBD: X
Comments:				

APPENDIX J

A-SAR BBB EVALUATION FORM – TRINIDAD AND TOBAGO

3. Search and Rescue Services – Trinidad and Tobago				
Elements	Description	Reference/Guidance	State Observation	
3.1 Alert Service	<p>The Director-General shall ensure that—</p> <p>(a) alerting service is provided-</p> <p>(i) for all aircraft provided with an air traffic service;</p> <p>(ii) where practicable, to all other aircraft having filed a flight plan or otherwise known to the air traffic services ; and</p> <p>(iii) to any aircraft known or believed to be the subject to an act of unlawful interference ;</p> <p>(b)the following alerting services are provided in accordance with the standards prescribed in Part D of Schedule 1:</p> <p>(i) the notification of rescue coordinating centres;</p> <p>(ii) the plotting of an aircraft in a state of emergency ;</p> <p>(iii) the use of communication facilities ;</p> <p>(iv) information to an operator ; and</p> <p>(v) information to aircraft operating in the vicinity of an aircraft in a state of emergency</p>	<p>A11: Ch.:2,5</p> <p>PANS-ATM: Ch. 9.2 and Ch. 10.2</p> <p>IAMSAR Vol 1</p> <p>Trinidad and Tobago Civil Aviation Regulations Part II Alerting Service</p> <p>Air Traffic Services Administration Manual (ATSADMAN) 1.6;3.28</p> <p>Air Traffic Services Manual of Operations (ATS MANOPS) 1.1.2C;</p> <p>5.11.1.3;6.10;6.11;</p> <p>6.12;6.13;6.15;6.18</p>	YES: ✓	NO:
			N/A:	TBD:
<p>Comments:</p> <p>(Reg.4) Schedule 1 Part D Alerting Service Application</p> <p>The standards required to be met for alerting service are as follows:</p> <p>1.</p> <p>(1) Flight information centres or area control centres shall serve as the central point for collecting all information relevant to a state of emergency of an aircraft operating within</p>				

3. Search and Rescue Services – Trinidad and Tobago			
Elements	Description	Reference/Guidance	State Observation
	<p>the flight information region or control area concerned and for forwarding the information to the appropriate rescue co-ordination centre. (ATS MANOPS 6.1.5; 6.11)</p> <p>(2) Where there is an emergency affecting an aircraft while the aircraft is under the control of an aerodrome control tower unit or approach control unit, that unit shall immediately notify the flight information centre or area control centre responsible and thereafter the flight information centre or area control centre shall notify the rescue co-ordination centre. (ATS MANOPS 6.1.5; APPENDIX 12)</p> <p>(3) Subject to subparagraph (2), notification of the area control centre, flight information centre, or rescue co-ordination centre shall not be required where the nature of an emergency is such that the notification would be superfluous.</p> <p>(4) Where in an emergency under subparagraph (2), it is determined that the nature of the emergency requires urgent attention, the aerodrome control tower or approach control unit responsible, shall first alert and take other necessary steps to set in motion all appropriate local rescue and emergency organisations which can give the immediate assistance required. (ATS MANOPS 6.1.5)</p> <p>2.</p> <p>(1) ATS units shall immediately notify rescue co-ordination centres where an aircraft is considered to be in any phase of a state of emergency set out below:</p> <p>(a) uncertainty phase when—</p> <p>(i) no communication has been received from an aircraft within a period of thirty minutes after the time a communication should have been received, or from the time an unsuccessful attempt to establish communication with the aircraft was first made, whichever is the earlier ; or</p> <p>(ii) an aircraft fails to arrive within thirty minutes of the estimated time of arrival last notified to or estimated by ATS units, whichever is the later ;</p> <p>(b) alert phase when—</p> <p>(i) following the uncertainty phase, subsequent attempts to establish communication with the aircraft or inquiries to other relevant sources have failed to reveal any news of the aircraft ;</p> <p>(ii) the aircraft has been cleared to land and fails to land within five minutes of the estimated time of landing and communication has not been re-established with the aircraft ;</p> <p>(iii) information has been received which indicates that the operating efficiency of the aircraft has been impaired, but not to the extent that a forced landing is likely ; or</p> <p>(iv) an aircraft is known or believed to be the subject of an act of unlawful interference ;</p> <p>(c) distress phase when—</p> <p>(i) following the alert phase, further unsuccessful attempts to establish communication with the aircraft and more widespread unsuccessful inquiries point to the probability that the aircraft is in distress ; or</p> <p>(ii) the fuel of an aircraft is considered to be exhausted, or to be insufficient to enable the aircraft to reach safety ; or</p>		

3. Search and Rescue Services – Trinidad and Tobago				
Elements	Description	Reference/Guidance	State Observation	
	<p>(iii) information is received which indicates that the operating efficiency of the aircraft has been impaired to the extent that a forced landing is likely ; or</p> <p>(iv) information in respect of the aircraft is received or it is reasonably certain that the aircraft is about to make or has made a forced landing.</p> <p>(2) In addition to the requirements under sub clause (1), rescue co-ordination centre shall, without delay, be furnished with—</p> <p>(a) any useful additional information, especially on the development of the state of emergency of an aircraft through subsequent phases ; or</p> <p>(b) information that the emergency situation no longer exists.</p> <p>(3) A notification under this clause shall contain information where available in the order listed as follows:</p> <p>(a) INCERFA, ALERFA or DETRESFA, as appropriate to the phase of the emergency ;</p> <p>(b) agency and person calling ;</p> <p>(c) nature of the emergency ;</p> <p>(d) significant information from the flight plan ;</p> <p>(e) ATC unit which made last contact, time and means used ;</p> <p>(f) last position report in respect of the aircraft and how determined ;</p> <p>(g) colour and distinctive marks of aircraft ;</p> <p>(h) dangerous goods carried as cargo on board the aircraft;</p> <p>(i) any action taken by reporting office ; and</p> <p>(j) other pertinent remarks</p> <p>(ATS MANOPS 6.13)</p>			
3.2 INCERFA Coordination	<p>1) ATS units shall immediately notify rescue co-ordination centres where an aircraft is considered to be in any phase of a state of emergency set out below:</p> <p>(a) uncertainty phase when—</p> <p>(i) no communication has been received from an aircraft within a period of thirty minutes after the time a communication should have been received, or from the time an unsuccessful attempt to establish communication with the aircraft was first made, whichever is the earlier ; or</p> <p>(ii) an aircraft fails to arrive within thirty minutes of the estimated time of arrival last notified to or estimated by ATS units, whichever is the later ;</p>	<p>A12: Ch.:5</p> <p>Reg.4 Schedule 1 Part D Notification of Rescue Co-ordination Centres</p> <p>Air Traffic Services Manual of Operations (ATS MANOPS)</p> <p>6.13.1A</p>	YES: ✓	NO:
			N/A:	TBD:

3. Search and Rescue Services – Trinidad and Tobago

Elements	Description	Reference/Guidance	State Observation	
	<p>(a) any useful additional information, especially on the development of the state of emergency of an aircraft through subsequent phases ; or</p> <p>(b) information that the emergency situation no longer exists.</p> <p>(3) A notification under this clause shall contain information where available in the order listed as follows:</p> <p>(a) INCERFA, ALERFA or DETRESFA, as appropriate to the phase of the emergency ;</p> <p>(b) agency and person calling ;</p> <p>(c) nature of the emergency ;</p> <p>(d) significant information from the flight plan ;</p> <p>(e) ATC unit which made last contact, time and means used ;</p> <p>(f) last position report in respect of the aircraft and how determined ;</p> <p>(g) colour and distinctive marks of aircraft ;</p> <p>(h) dangerous goods carried as cargo on board the aircraft;</p> <p>(i) any action taken by reporting office ; and</p> <p>(j) other pertinent remarks</p> <p>(4) The rescue co-ordination centre shall be provided without delay with—</p> <p>(a) any useful additional information especially on the development of the state of emergency through subsequent phases; and</p> <p>(b) information that the emergency situation no longer exists.</p> <p>3.</p> <p>(1) Where an area control centre or a flight information centre decides that an aircraft is in the</p>	<p>(Reg.4) Schedule 1 Part D INFORMATION TO THE OPERATOR</p> <p>ATS MANOPS 6.15.1</p> <p>(Reg.4) Schedule 1 Part D USE OF COMMUNICATION FACILITIES</p> <p>ATS MANOPS 6.16.1</p>		

3. Search and Rescue Services – Trinidad and Tobago			
Elements	Description	Reference/Guidance	State Observation
	<p>uncertainty or the alert phase, the area control centre or flight control centre shall, where practicable, advise the operator prior to notifying the rescue co-ordination centre.</p> <p>(2) All information which has been notified to the rescue co-ordination centre by an area control centre or flight information centre shall, where practicable, also be communicated, without delay, to the operator.</p> <p>4. ATS units shall, where necessary, use all available communication facilities to establish and maintain communication with an aircraft in an emergency, and to request news of the aircraft.</p> <p>5. (1) In an emergency, the flight of an aircraft involved shall be plotted on a chart in order to determine the probable future position of the aircraft and its maximum range from its last known position. (2) Other aircraft known to be operating in the vicinity of the aircraft involved in an emergency, shall also be plotted on a chart in order to determine the probable future positions and maximum endurance of those aircraft.</p> <p>6. 1) When it has been established by an ATS unit that an aircraft is in a state of emergency, other aircraft known to be in the vicinity of the aircraft involved shall, except as provided in subparagraph (2) be informed of the nature of the emergency as soon as possible. (2) When an ATS unit knows or believes that an aircraft is being subjected to an act of unlawful interference, no reference shall be</p>	<p>Reg.4 Schedule 1 Part D PLOTTING AIRCRAFT IN A STATE OF EMERGENCY</p> <p>ATS MANOPS 5.11.1.3; 6.12</p> <p>(Reg. 4) Schedule 1 Part D INFORMATION TO AIRCRAFT OPERATING IN THE VICINITY OF AN AIRCRAFT IN A STATE OF EMERGENCY</p> <p>ATS MANOPS 6.1.3.4.2; 6.10.7</p>	

3. Search and Rescue Services – Trinidad and Tobago				
Elements	Description	Reference/Guidance	State Observation	
	made in ATS air-ground communications to the nature of the emergency unless it has first been referred to in communications from the aircraft involved and it is certain that such reference will not aggravate the situation.			
	Comments:			
3.3 INCERFA Emergency Report	ATC prepares report and disseminates report.	A12: Ch.:5	YES: ✓	NO:
	Records of ATC reports are stored and filed		N/A:	TBD:
	Comments:			
3.4 ALERFA Alert To Be Prepared	ATC prepares and AIM disseminates ALERFA ALERT. Piarco RCC will immediately alert SAR units and initiate necessary action. Piarco RCC will ensure all available information to the RCC concerned is shared immediately.	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:2,3	YES: ✓	NO:
			N/A:	TBD:
	<p>Comments: Facilitated by agreement between SAR service of the Eastern Caribbean States and the SAR service of neighbouring states concerning the provision of assistance upon request. AIP EASTERN CARIBBEAN GEN 3.6</p> <p>At present, there are existing Letters of Agreements between Piarco and neighbouring States which specifically addresses “Alerting Service”. These Letter of agreements are subject to revision, as necessary.</p> <p>In addition, Piarco has entered into ATS SAR technical arrangements with some States. These are as follows:</p> <ol style="list-style-type: none"> 1. GEORGETOWN RCC-PIARCO RCC 2. MARTINIQUE/GUADELOUPE RCC-PIARCO RCC 3. CAYENNE RCC-PIARCO RCC 4. PARAMARIBO RCC-PIARCO RCC (Draft) <p>It is expected that Piarco RCC will continue to seek technical arrangements relevant to SAR services with other neighbouring states in the near future.</p>			
3.5 ALERFA Design Search Plan	Piarco RCC to develop detailed action plans for SAR.	A12: Ch.:3,5 and A11: Ch.:5	YES:	NO:
	Piarco RCC to continue to ensure common SAR plans are coordinated with SAR plans of neighbouring States.	IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:5,6,7,8,9	N/A:	TBD: ✓

3. Search and Rescue Services – Trinidad and Tobago				
Elements	Description	Reference/Guidance	State Observation	
	<p>Comments: Facilitated by agreement between SAR service of the Eastern Caribbean States and the SAR service of neighbouring states concerning the provision of assistance upon request. AIP EASTERN CARIBBEAN GEN 3.6</p> <p>At present, there are existing Letters of Agreements between Piarco and neighbouring States which specifically addresses “Alerting Service”. These Letter of agreements are subject to revision, as necessary.</p> <p>In addition, Piarco has entered into ATS SAR technical arrangements with some States. These are as follows:</p> <ol style="list-style-type: none"> 1. GEORGETOWN RCC-PIARCO RCC 2. MARTINIQUE/GUADELOUPE RCC-PIARCO RCC 3. CAYENNE RCC-PIARCO RCC 4. PARAMARIBO RCC-PIARCO RCC (Draft) <p>It is expected that Piarco RCC will continue to seek technical arrangements relevant to SAR services with other neighbouring states in the near future.</p>			
3.6 DETRESFA Develop SAR Plan for Incident	Piarco RCC to continue to ensure: <ol style="list-style-type: none"> i. Common SAR plans are coordinated with SAR plans of neighbouring States; ii. SRUs will be immediately activated in accordance with appropriate plan of action; iii. Detailed plans of action for the conduct of SAR operations are developed. 	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:5,6,7,8,9 ATS MANOPS 6.13.1 C	YES:	NO:
			N/A:	TBD: ✓
	<p>Comments: Facilitated by agreement between SAR service of the Eastern Caribbean States and the SAR service of neighbouring states concerning the provision of assistance upon request. AIP EASTERN CARIBBEAN GEN 3.6</p>			
3.7 DETRESFA Implement SAR Plan for Incident Task	Piarco RCC to continue to ensure: <ol style="list-style-type: none"> i. Detailed plans of action for the conduct of SAR operations are developed and amended as required; ii. SAR plan to SRU are communicated; iii. Assistance from all available resources are requested; iv. Aircraft operators are notified; 	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9 ATS MANOPS 6.13; 6.15	YES:	NO:
			N/A:	TBD: ✓

3. Search and Rescue Services – Trinidad and Tobago				
Elements	Description	Reference/Guidance	State Observation	
	<ul style="list-style-type: none"> v. RCCs are notified; vi. ATSUs are notified when information has been obtained otherwise. 			
Comments: Facilitated by agreement between SAR service of the Eastern Caribbean States and the SAR service of neighbouring states concerning the provision of assistance upon request. AIP EASTERN CARIBBEAN GEN 3.6				
3.8 DETRESFA Implement SAR Plan for Incident Request	Piarco RCC to continue to ensure: <ul style="list-style-type: none"> i. Coordination of its SAR organization with neighbouring states; ii. Authorization of requests for assistance from other RCCs as needed; iii. Authorization of provision of assistance to other RCCs as requested. 	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9 ATS MANOPS 6.13; 6.15	YES:	NO:
			N/A:	TBD:✓
Comments: Facilitated by agreement between SAR service of the Eastern Caribbean States and the SAR service of neighbouring states concerning the provision of assistance upon request. AIP EASTERN CARIBBEAN GEN 3.6				
3.9 DETRESFA Implement SAR Plan for Incident Notify	Piarco RCC to continue to ensure: <ul style="list-style-type: none"> i. Notification of other RCCs and ATS units that may be required to assist or may be concerned with the emergency; ii. Receipt of all updated information and circumstances of the operation by all RCCs that are part of the SAR operation; iii. Suspension and cancellation of SAR operation; iv. Notification of the appropriate accident investigation authority; v. Notification of the state of registry of the aircraft. 	A12: Ch.:3,5 and A11: Ch.:5 IAMSAR Vol 1 and IAMSAR Vol 2 Ch.:6,7,9 ATS MANOPS 6.13; 6.15	YES:	NO:
			N/A:	TBD: ✓
Comments: Facilitated by agreement between SAR service of the Eastern Caribbean States and the SAR service of neighbouring states concerning the provision of assistance upon request. AIP EASTERN CARIBBEAN GEN 3.6				