TRINIDAD AND TOBAGO





AERONAUTICAL SEARCH & RESCUE AND AIR NAVIGATION SECURITY UNIT

International Standards and Recommended Practices



Annex 12 to the Convention on International Civil Aviation

Search and Rescue

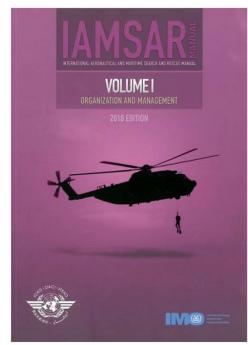
This edition incorporates all amendments adopted by the Council prior to 24 February 2004 and supersedes, on 25 November 2004, all previous editions of Annex 12.

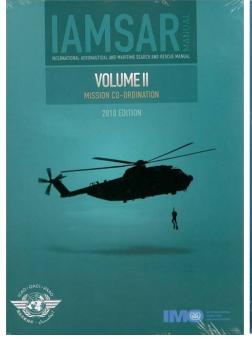
For information regarding the appScability of the Standards and Recommended Practices, see Foreword.

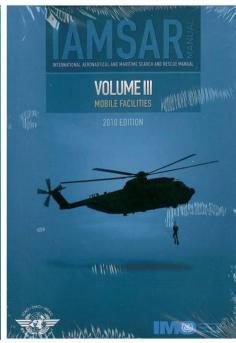
Eighth Edition July 2004

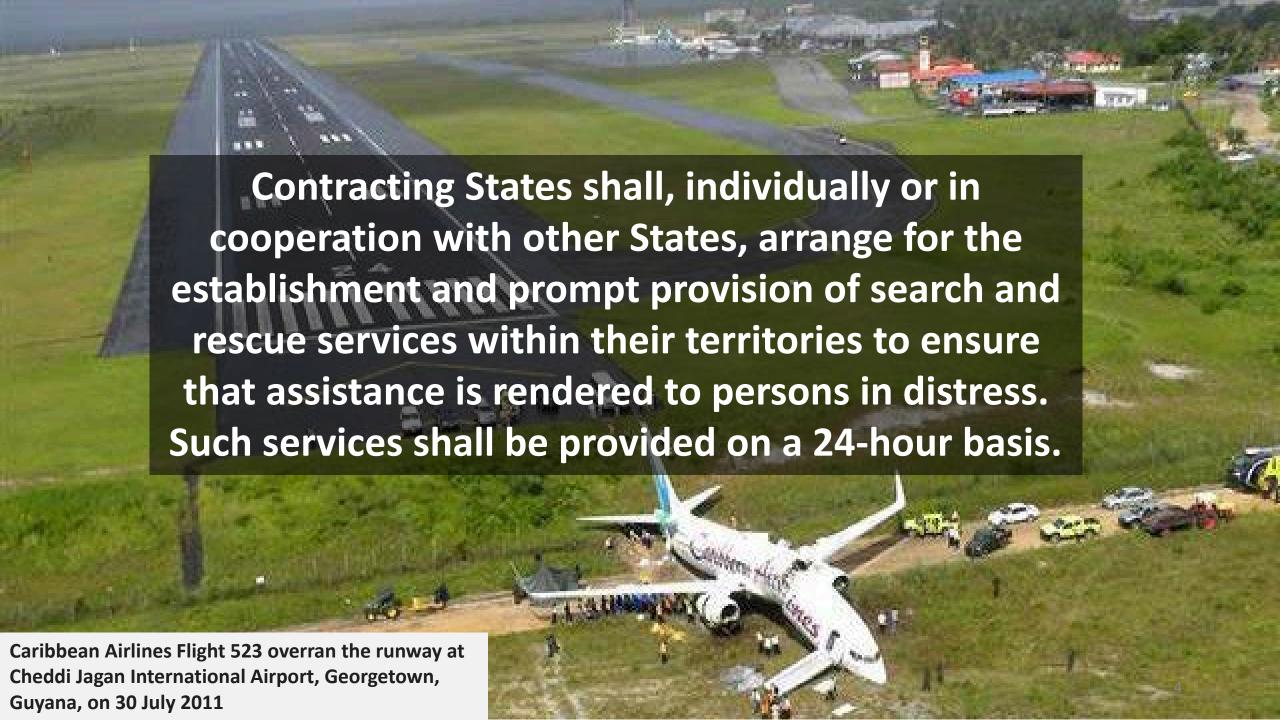
International Civil Aviation Organization

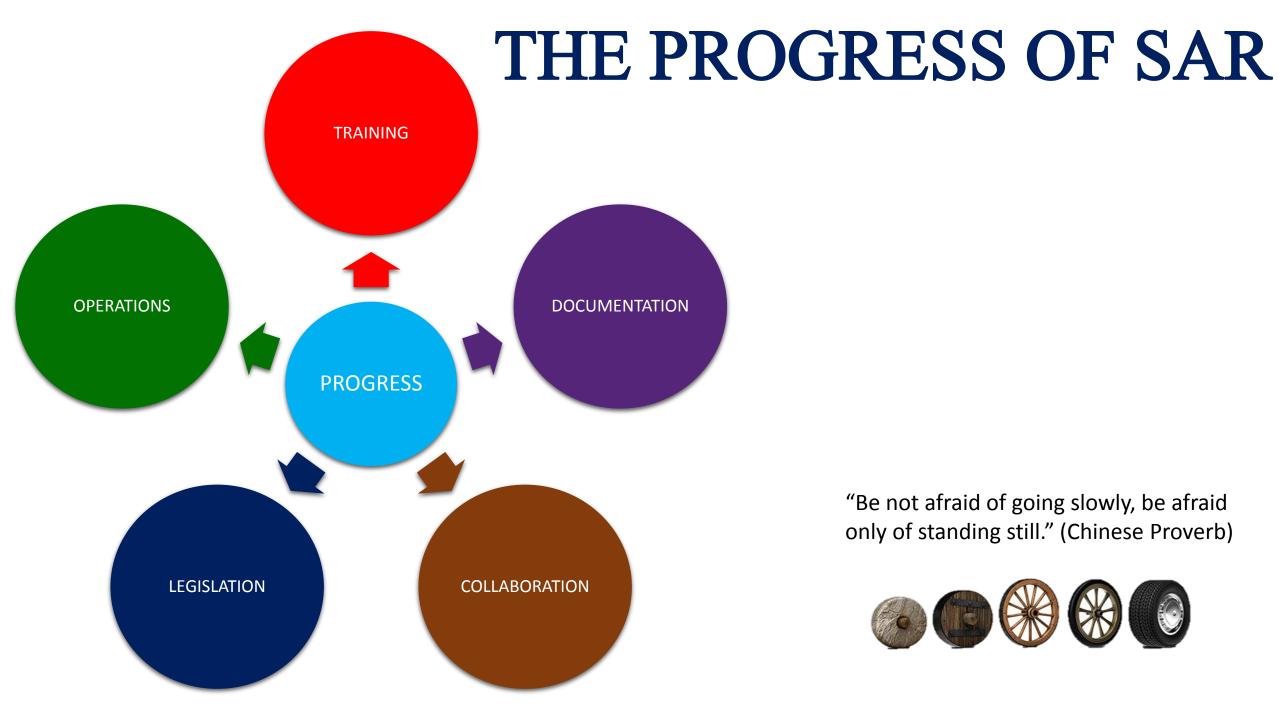
SEARCH AND RESCUE











"Be not afraid of going slowly, be afraid only of standing still." (Chinese Proverb)











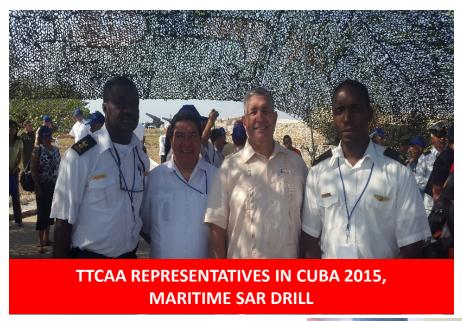


TRAINING

1. Trinidad and Tobago was invited to participate in the Search and Rescue (SAR) Controllers Training and Meeting, hosted by the United States Coast Guard (USCG) and the National Oceanic and Atmospheric Administration (NOAA).

2. The training is held annually at the National Satellite Operations Facility in Maryland USA.

PARTICIPATION AT MEETINGS







A/SAR/RDR/AS UNIT OPERATIONS MANUAL

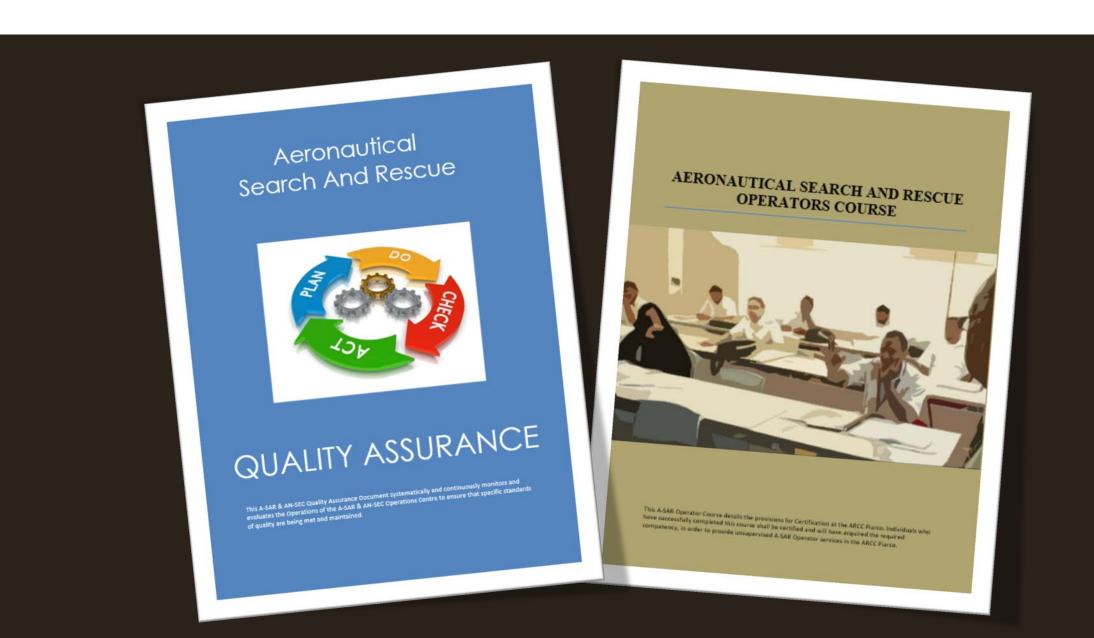


DOCUMENTATION

The A/SAR/RDR/AS Unit Operations Manual aims to provide the guiding principles needed for operational efficiency through Coordination, Information Sharing and Training within all Agencies within the Piarco Fir/SRRs.

- Operations Manual.
- Training Manual.
- Quality Assurance Manual

DRAFT DOCUMENTATION





COLLABORATION

- SPATIA Workshop for Military Personnel commenced April, 2013
- Maritime Meteorological Workshop for Military Personnel – to start July, 2014

- Early Warning Systems (EWS) meeting hosted by the UNDP National Capacity Development for Disaster Risk Management Project on Monday 10th of March, 2014
- Joint Task Force created between Maritime and Aeronautical facilities created May,
 2014



COLLABORATION

TT SRR/WG SECOND MEETING ON THE IMPLEMENTATION OF GLOBAL MARITIME DISTRESS AND SAFETY SYSTEM (GMDSS) AND SAR 8-9 MAY, 2014.

- Countries Update on their GMDSS and SAR Systems
- Development of National SAR Plans and Regional SAR Plan
- Development of SOP's and the requisite Training Programs
- Development of an Interstate Multilateral Agreement

Cir 330

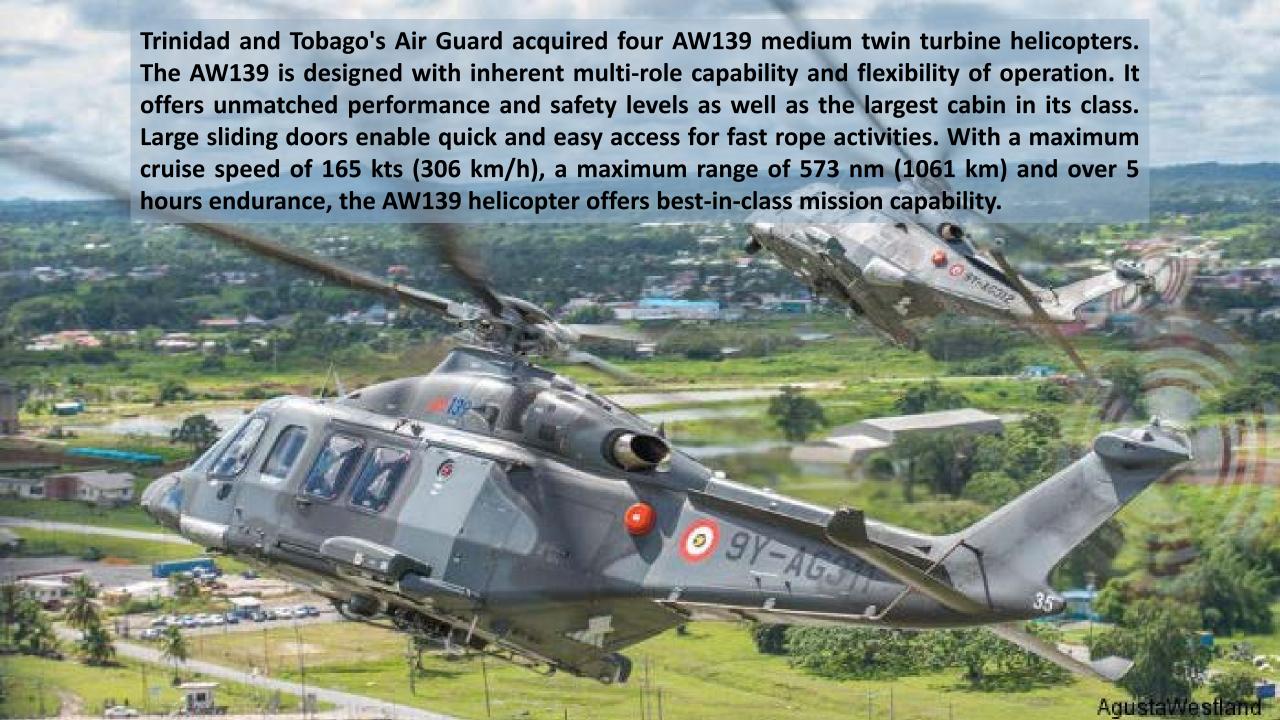


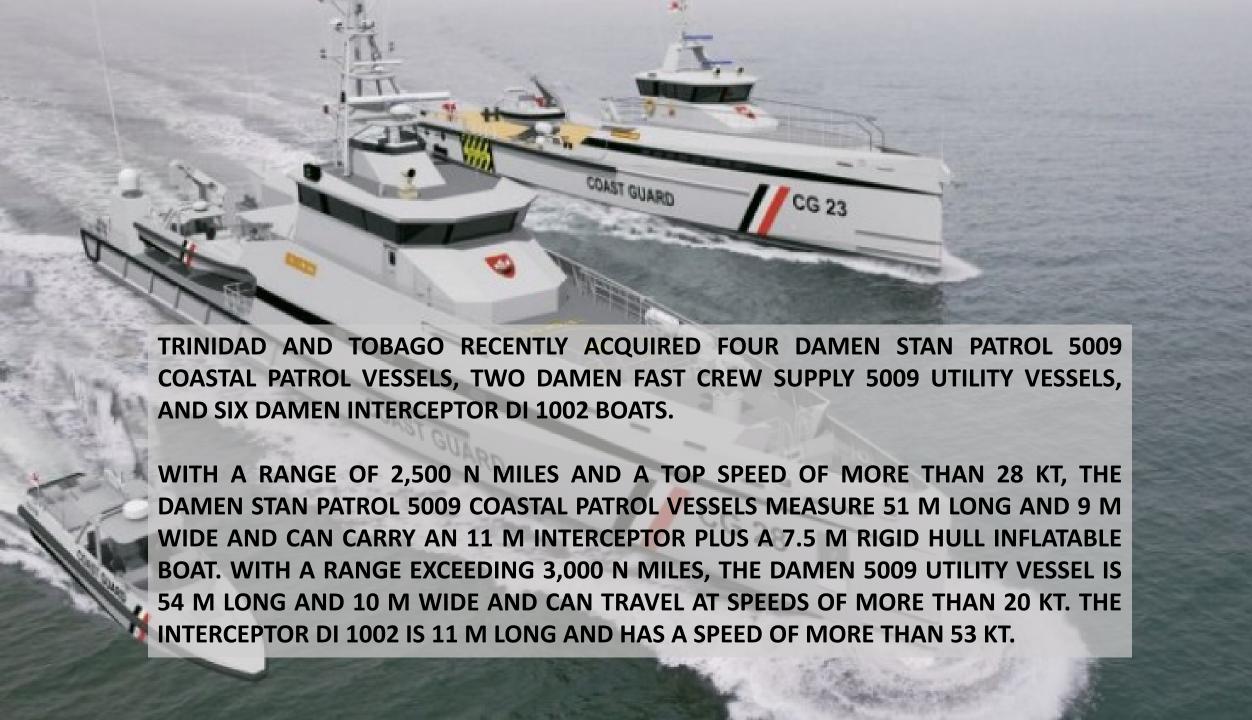
Civil/Military Cooperation in Air Traffic Management

Approved by the Secretary General and published under his authority

International Civil Aviation Organization

CIVIL/MILITARY COORDINATION





- The Changing International Defense and Security Environment:
- The Evolving Role of the Military; Environmental Protection and
- Resilience; Hemispheric
 Security and Defense
 Cooperation Policy: A Case for
 Strengthened Humanitarian
 Emergency Assistance.





LEGISLATION

MULTI-LATERAL AGREEMENT

Concerning Co-operation of Maritime and Aeronautical Search and Rescue among the States of Barbados, Grenada, St. Vincent and the Grenadines and Trinidad and Tobago

- Proposed amendments to the Draft Multilateral Agreement by individual States Due July, 2014.
- Generation of a final Draft Multilateral Agreement Due July, 2014.
- Submission of Operational SAR Plans Due September, 2014.
- Submission of Regional SAR Plan Due January, 2015.

LETTERS OF AGREEMENTS





No. 257 Proc. 055

La Embajada de Portugal presenta sus más atentos saludos a la Honorable Embajada de Trinidad y Tobago y tiene el honor de remitir en anexo una propuesta de Protocolo de Cooperación entre la República Portuguesa y la República de Trinidad y Tobago relativo a Operaciones Aeronáuticas de Búsqueda y Salvamento, mucho agradeciendo su reenvío a las autoridades competentes en la materia.

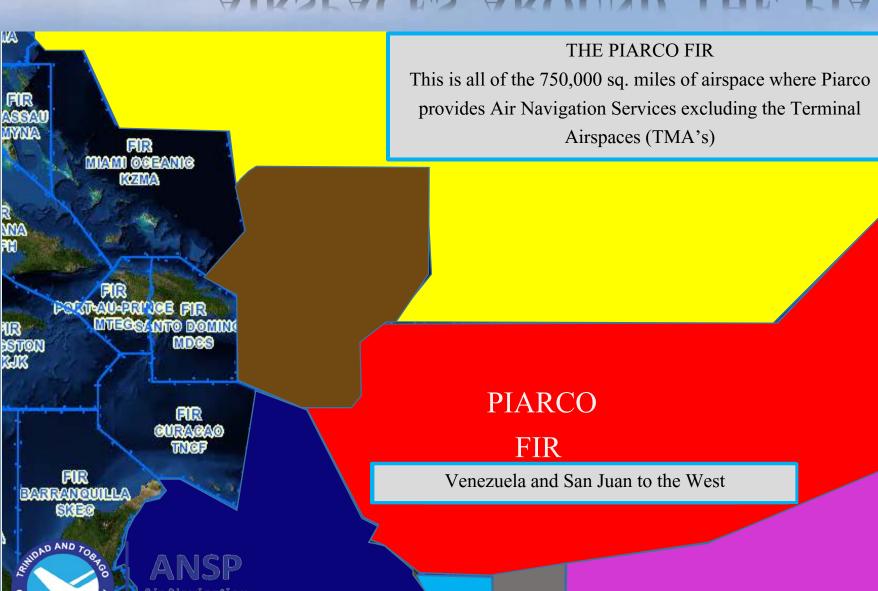
La Embajada de Portugal aprovecha la oportunidad para reiterar, a la Honorable Embajada de Trinidad y Tobago las seguridades de su más alta y distinguida consideración.

Caracas, 08 de mayo de 2013



Honorable Embajada de la República de Trinidad y Tobago Caracas

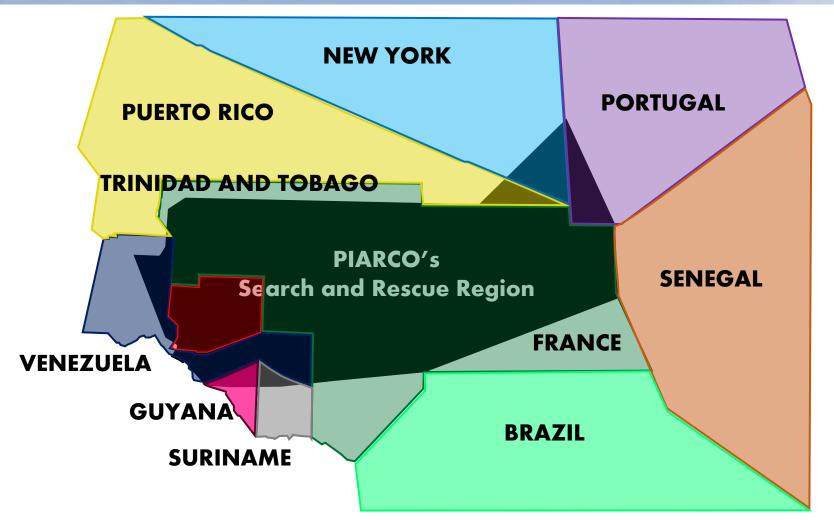
AIRSPACES AROUND THE PIARCO FIR



ervice Provider

THE PIARCO FIR
The Piarco Flight
Information Region
(FIR) comprises a
region that spans from
10°-18° North Latitude
and approximately mid
Atlantic (38° West
Longitude) to 65° West
Longitude with nine (9)
bordering FIRs

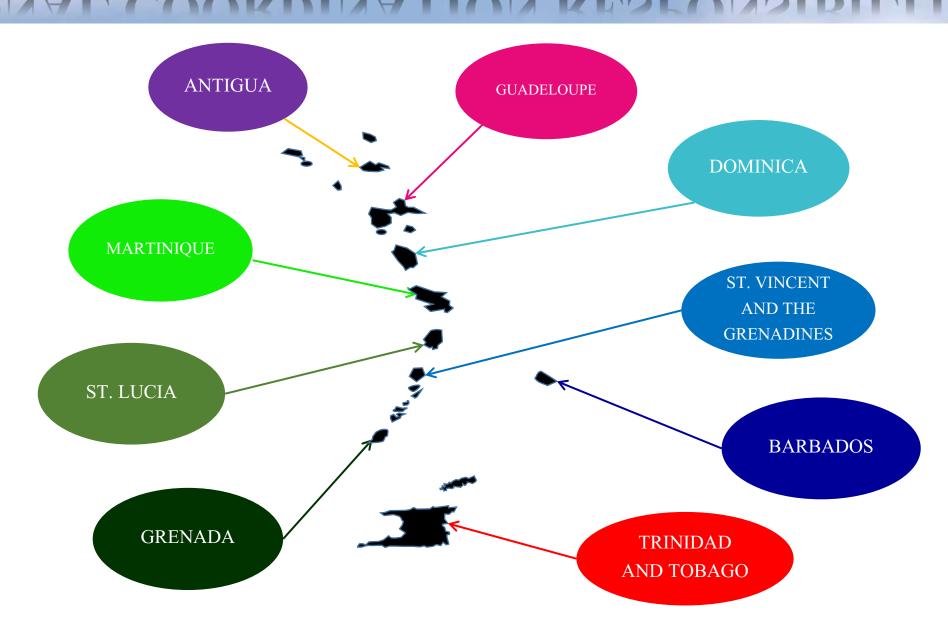
INTERNATIONAL COORDINATION RESPONSIBILITIES



Aeronautical Search and Rescue Region (SRR)

An area of defined dimensions, associated with a Rescue Co-ordination Centre, within which Search and Rescue services are provided.

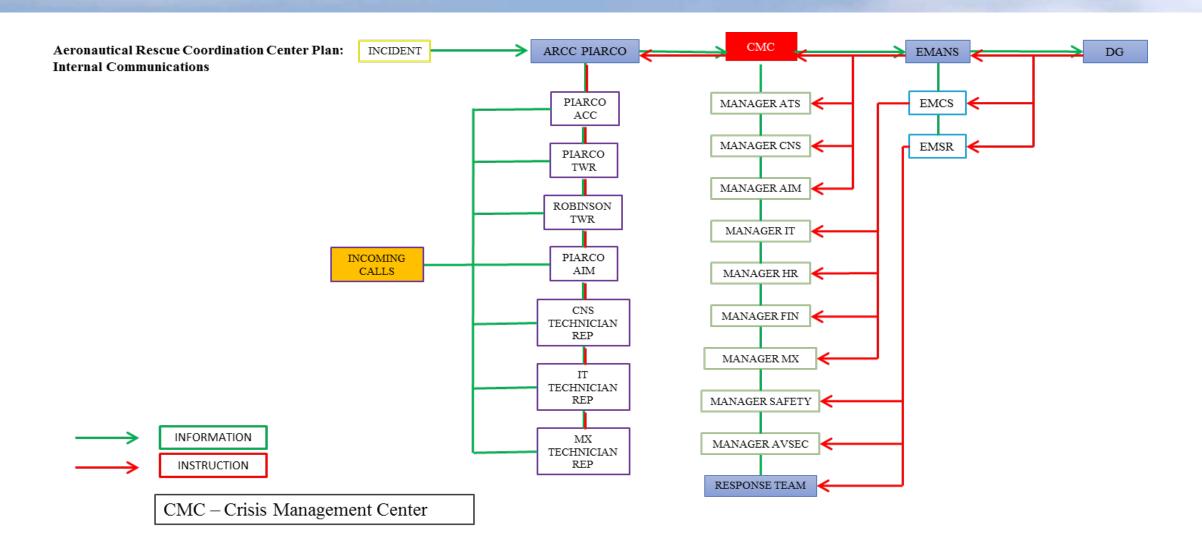
REGIONAL COORDINATION RESPONSIBILITIES



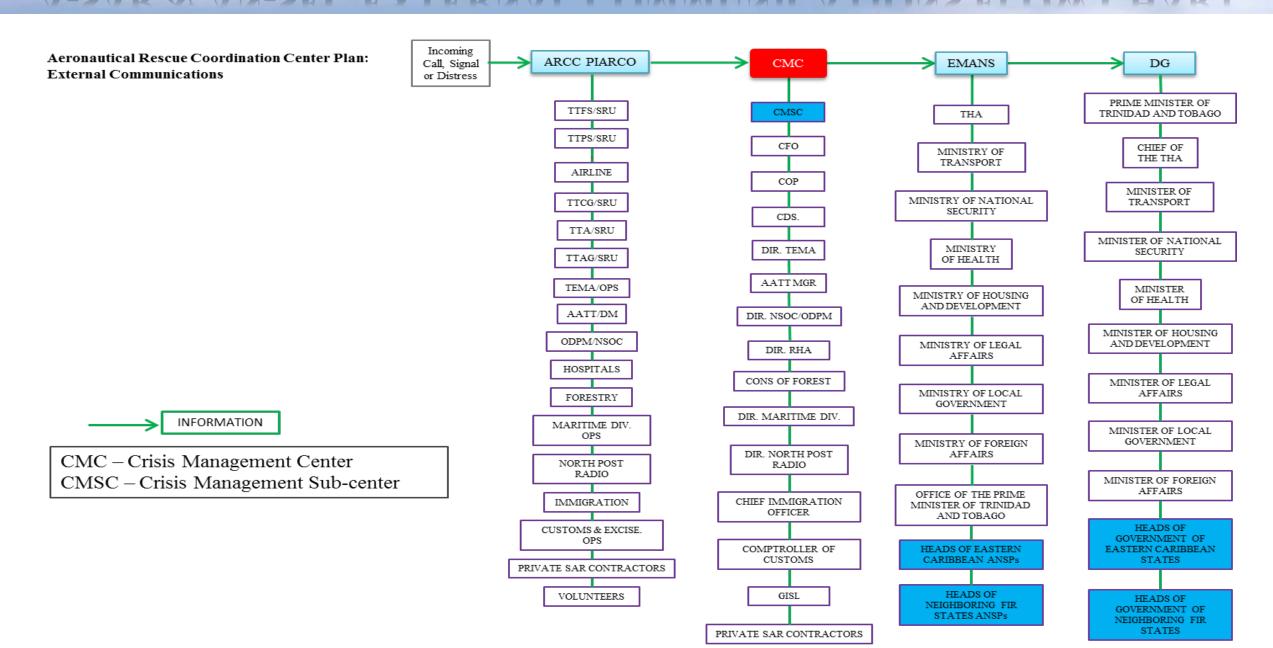
NATIONAL COORDINATION RESPONSIBILITIES



A-SAR & AN-SEC INTERNAL COMMUNICATIONS FLOW CHART



A-SAR & AN-SEC EXTERNAL COMMUNICATIONS FLOW CHART



International Standards and Recommended Practices



Annex 17 to the Convention on International Civil Aviation

Security

Safeguarding International Civil Aviation Against Acts of Unlawful Interference

This edition incorporates all amendments adopted by the Council prior to 1 December 2006 and supersedes, on 1 July 2006, all previous editions of Annex 17.

For information regarding the applicability of the Standards and Recommended Practices.

Eighth Edition April 2006

International Civil Aviation Organization

AIR NAVIGATION SECURITY

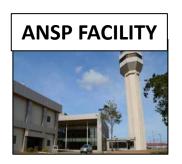
AIR NAVIGATION SECURITY

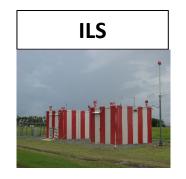
Air Navigation Security is the qualitative aspect of the ANSP being secure. Air Navigation Security identifies, assesses, controls, manages and contains all threats, whether espionage, crime, terrorism or any other related misdemeanor which may constitute as a risk to the ANSP Operations, Capital or Earnings.













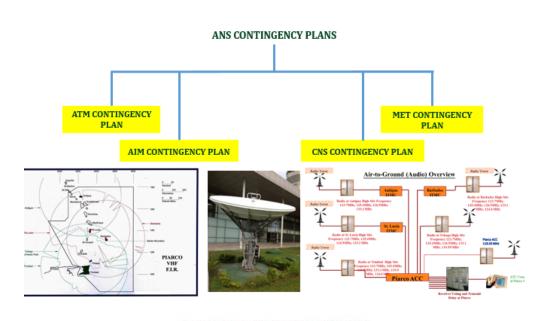


HUMAN RESOURCE

AIR NAVIGATION SECURITY

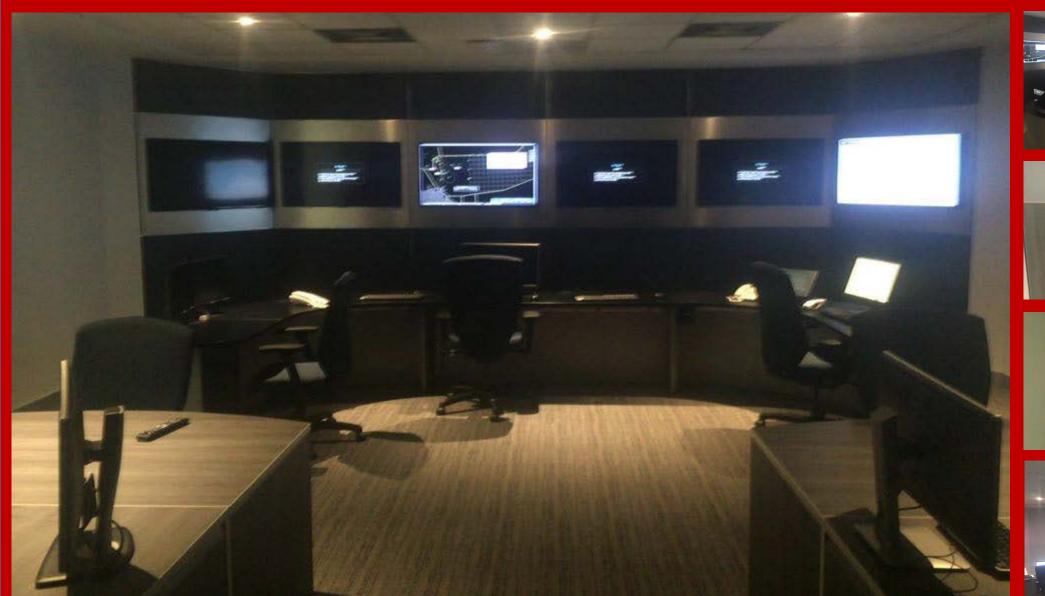








A-SAR & AN-SEC OPERATIONS CENTRE











THANK YOU

THEBRID