Build-up of Regional Cooperation in Air Accident Investigation



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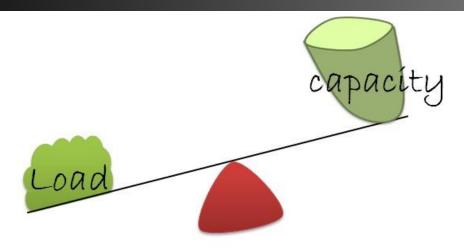
Introduction



- States are obliged to investigate Aviation accidents;
- Safety enhancements in aviation resulted from accident investigations;
- Not all states have the capability to conduct an effective investigation due to lack of resources;
- USOAP Audit results show a lag in the AIG area;
- Varying capabilities complement each other.

What is Critical









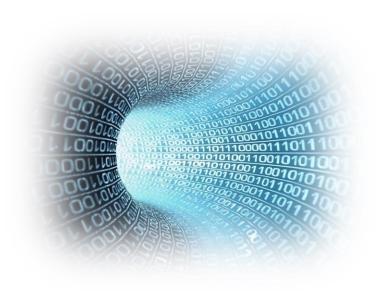
To provide the investigation process with the resources required to complete an effective and accurate investigation

Resources









+ DATA



+ TOOLS

Independent Investigation Function

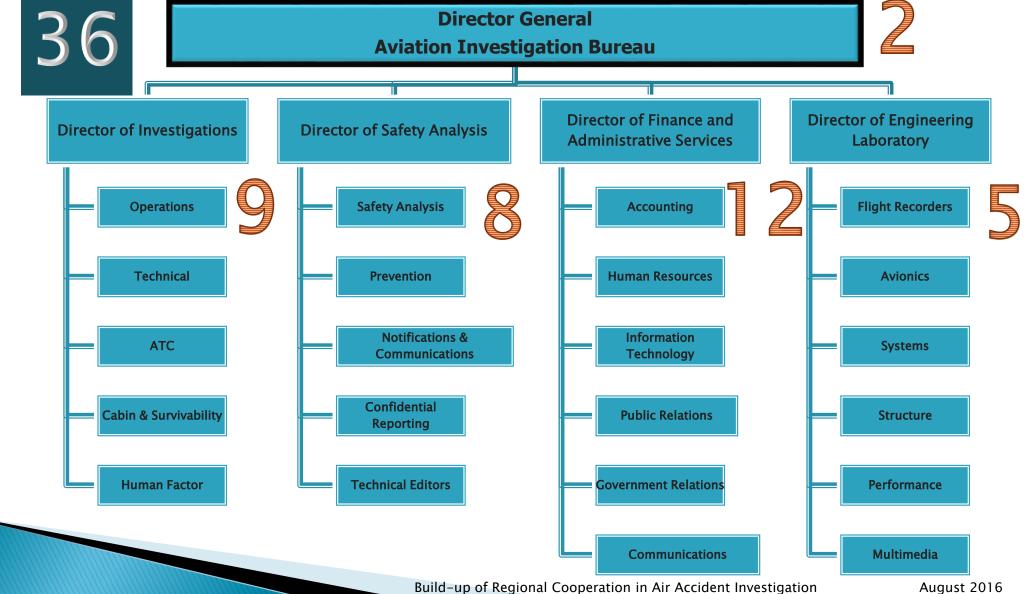
Skills





- Knowledge
- Experience
- Training
- International/regional networking
- Hands on





Tools & Equipment



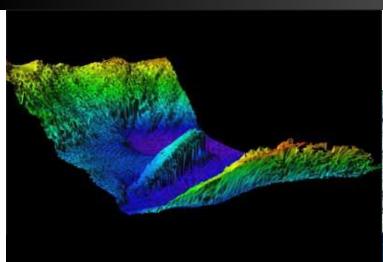






Site: Water Search & Recovery











Site: Land Search & Recovery







http://app.ntsb.gov/investigations/fulltext/AAB1301/Wreckage_AAB1301.jpg

Wreckage Handling







- Sample collection and preservation
- Transportation to designated area
- Sample preparation for inspection
- Wreckage storage
- Wreckage return to owner





Material Analysis Lab



Metal Analysis Laboratory and material identification.





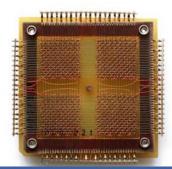
Avionics Lab





Avionics & System laboratory







FDR/CVR Lab





The Flight Recorder Laboratory







Important Note on Cooperation



Cooperation in this respect does not mean that governments should give up their sovereignty, authority or responsibilities. However, participation in a regional arrangement may present an effective and efficient means for a State to achieve the desired level of accident and incident investigation.

(Doc 9946/RAIO 2.4.8)

Objectives



- Enhance regional AIG implementation;
- Utilization of regional resources;
- Development of standardized procedures;
- Enhance provision of specialized training;
- Broaden experience of investigators; and
- > to promote the use of best practices concerning accident prevention and sharing of safety information.

What's Accomplished?



DGCA-MID/1 meeting 2011

· cooperate towards establishment of RAIO

ACAC/I CAO Seminar 2012

draft strategy for RAIO;

DGCA-MID/2 2013 · endorsed the draft strategy and agreed on phased approach

DGCA-MID/3 2015

urged states to provide feedback on in implementation of phased approach stage A;

RASG-MID RSC/4 Dec 2015

· Revised strategy to focus on enhancement of regional cooperation prior to consideration of RAIO;

Revised strategy disseminated to states for review, expected feedback March 2016.

The initiative





- Define scope of cooperation and collaboration
- -Develop a detailed implementation plan (DPI)
- Develop database of available resources amongst interested states
- Develop mechanisms and procedures for interstate support
- -Draft a multi lateral cooperation agreement
- Develop regional Accident/Incident data analysis





-Expression of interest by regional states;

-Establish working group (WG) represented by interested states in the region;

Invitation















Agenda



Workshop

May 2017 in KSA – ICAO/MID & ACAC

- -To endorse the revised Regional RAIO strategy;
- -Develop terms of reference for WG and define deliverables
- -Structure WG functioning

Expectation from the Forum



- To be informed of the initiative;
- Encourage your State Investigative Authority to participate in the effort; and
- Support the Initiative.

Thank You



