



**INTERNATIONAL CIVIL AVIATION ORGANIZATION**

*A United Nations Specialized Agency*

# **COSCAP-SEA**

## **AIRCRAFT ACCIDENT/INCIDENT INVESTIGATION AUTHORITY WORKSHOP**

**Module 1.4**

**Accident and incident investigation guidance  
material**

## Manual of Aircraft Accident and Incident Investigation (Doc 9756)

- Part I - Organization and Planning (2015, Amended 2018)
- Part II - Procedures and Checklists (2012)
- Part III - Investigation (2011)
- Part IV - Reporting (2014)



## Manual on Accident and Incident Investigation Policies and Procedures (Doc 9962, 2ndEd, 2019); Now include

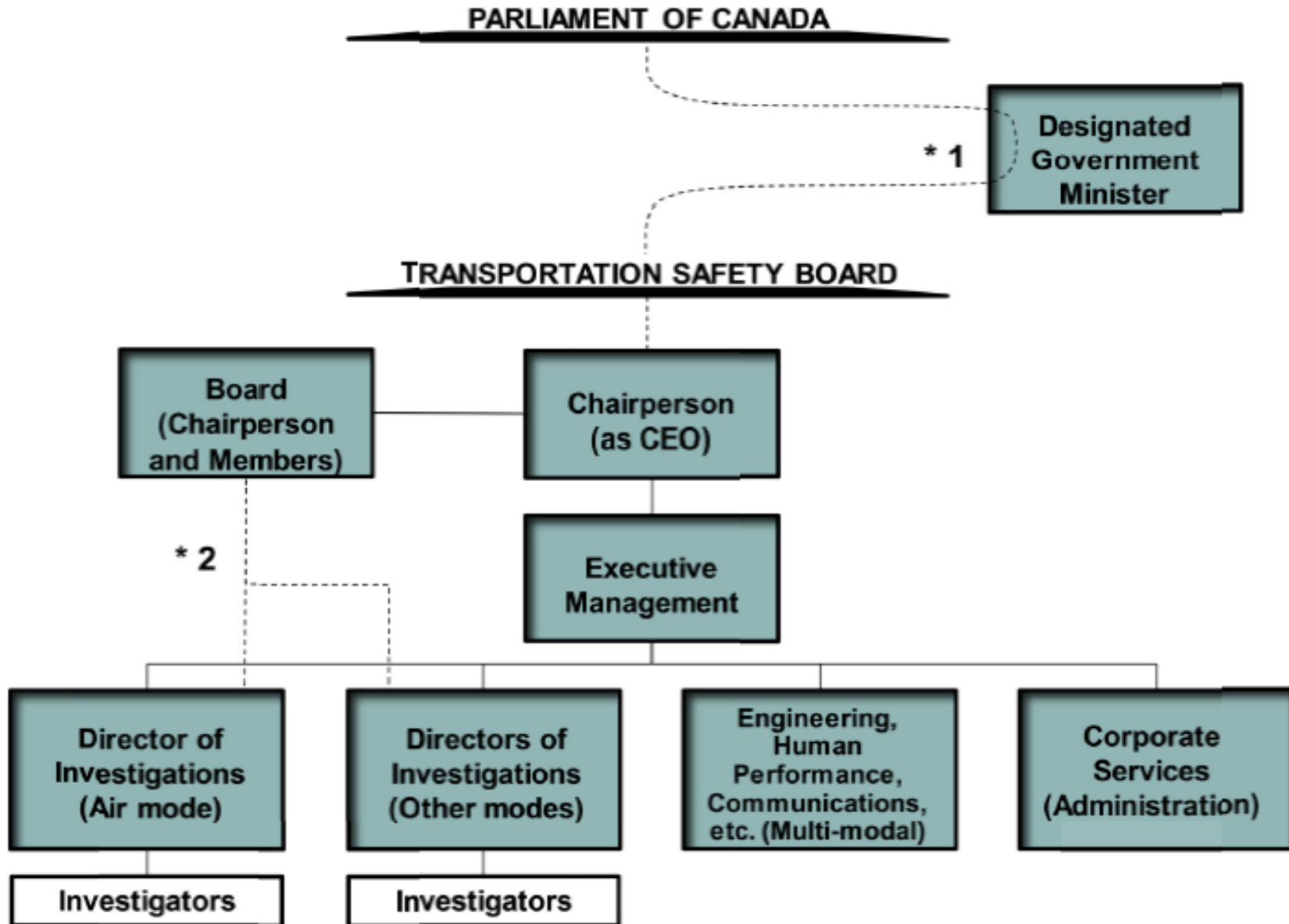
- Model Aircraft Accident and Incident Investigation (AIG) Act
- Model Aircraft Accident and Incident Investigation (AIG) Regulations

Also available at:

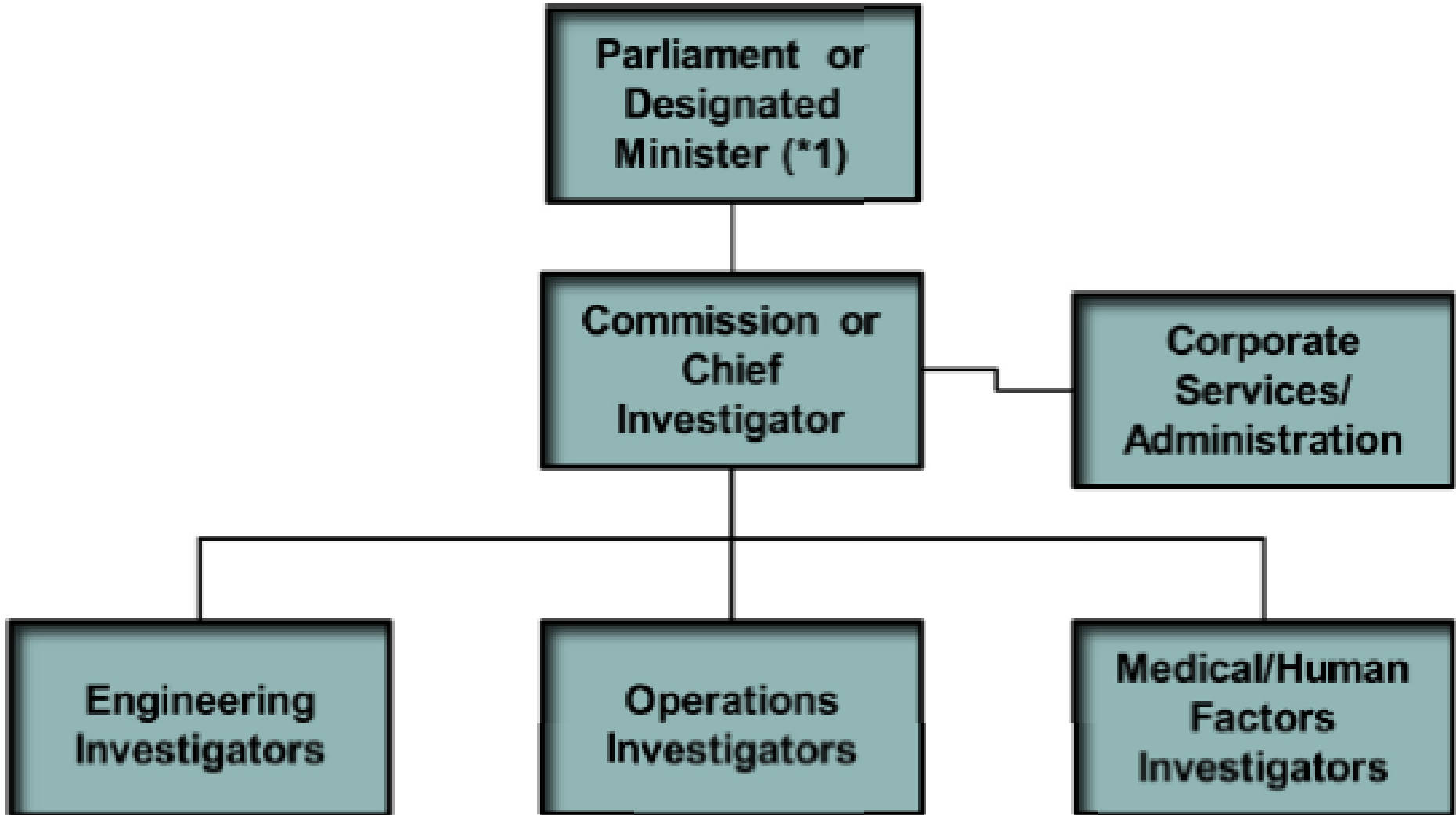
<http://www.icao.int/safety/Implementation/Pages/Resources.aspx>

**Independence** refers to an accident investigation authority that is functionally separate from State aviation authorities and other entities that could interfere with the conduct or objectivity of investigations so that the associated causes and contributing factors are properly and adequately identified.

# AIG Guidance Material



# AIG Guidance Material



- In some States there might be a need for the accident investigation commission to be composed of members seconded from the civil aviation authority. It is essential that such a commission report directly to a ministerial level of government so that the findings and safety recommendations of the investigation are not diluted during passage through regular administrative channels.
- This is not an ideal arrangement.

**New in Doc 9756, Part IV** soon to be published:

- Final Reports publicly available and reasonable timeframe;
- Damage to aircraft;
- Safety recommendations of global concern;
- Guidance on written preliminary reports;
- Additional guidance on ADREP reporting.

- **Manual on Protection of Safety Information (Doc 10053, 2016)**
  - Protection of Accident and Incident Investigation Records
- **Manual on the Investigation of Cabin Safety Aspects in Accidents and Incidents (Doc 10062, 2017)**

- Manual on Regional Accident and Incident Investigation Organization (Doc 9946, 2011)
- ICAO Policy on Aircraft Accident Victims and their Families (Doc 9998, 2013)
  - Manual on Assistance to Aircraft Accident Victims and their families (Doc 9973, 2013)

- Training Guidelines for Aircraft Accident Investigators (Circ 298) – AIG Panel tasked to review
- Hazards at Aircraft Accident Sites (Cir 315, 2008) ----- Current considerations:
  - Ballistic parachute systems
  - Investigations in extreme and challenging environments
- AIG Panel reviewed

# Other related Guidance Material



- Manual on Location of Aircraft in Distress and Flight Recorder Data Recovery (Doc 10054, 2019)
- Flight Recorder System Maintenance Manual (Doc 10104, 2020) - due to be available on ICAONet

# What is being developed?



- Manual on investigation of Unmanned Aircraft Systems
- Manual on Flight Crew-Machine Interface Recordings



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THANK YOU