

AIRCRAFT ACCIDENT
INVESTIGATION BUREAU
(AAIB), INDIA

MINISTRY OF CIVIL AVIATION
Govt of India





gettyimages
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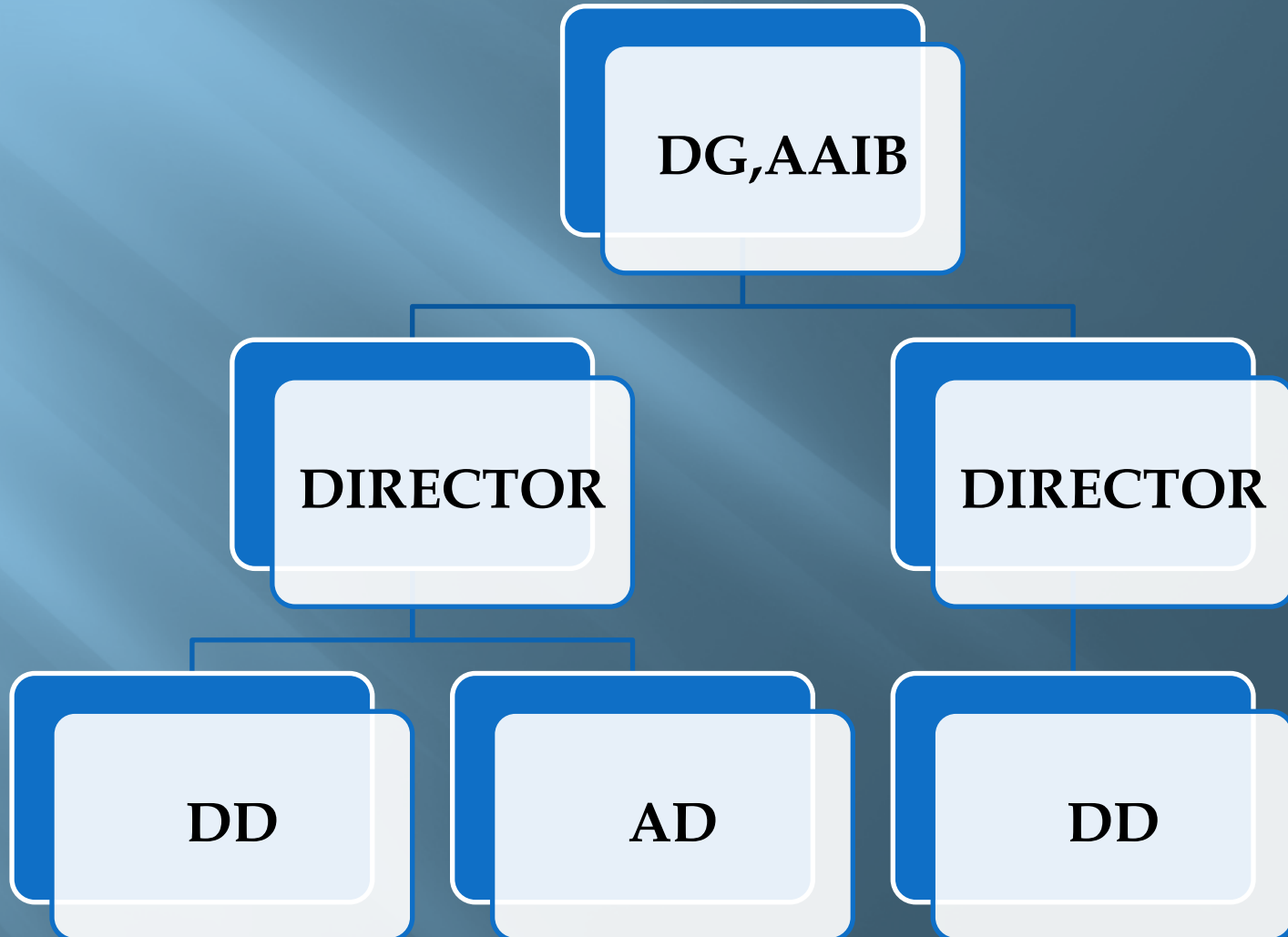


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IGM

- **Introduction**
- **Background**
- **Establishment of AAIB**
- **Functioning of AAIB**
- **Way Forward**
- **Challenges**
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AAIB ORGANISATION



AAIB INDIA

- AAIB India is having full independence in conduct of Investigation.
- Separate from Judicial or administrative proceedings.
- Investigation -in –Charge has full Access and Control on the investigation.

BACKGROUND

- Section 7 of the Aircraft Act 1934 empowers the states to make rules for investigation of accidents arising out of or in the course of the navigation in or over India of any aircraft, or anywhere of aircraft registered in India.
- It further requires that a notice has to be given of any accident or incident in such manner and by such person as may be prescribed.

BACKGROUND

- As per the Act and in conformity with Article 26 of the Convention on International Civil Aviation, the Air Safety Directorate of DGCA was earlier (prior to 2012) carrying out the duties and responsibilities regarding investigation of aircraft accident and incidents. This was governed by the Aircraft Rules 1937.

ESTABLISHMENT OF AAIB, INDIA

The Government decided to establish a Bureau independent of the DGCA India

- In accordance with the International Civil Aviation Organization (ICAO) SARPs and to provide independence of investigation function from the regulatory function.
- Accordingly, the Aircraft (Investigation of Accidents and Incidents) ***Rules 2012*** were ***notified on 5th July 2012*** through a gazette notification.

ESTABLISHMENT OF AAIB, INDIA

- In accordance with these Rules and for the purposes of carrying out investigation into accidents, serious incidents and incidents the Central Government has set up a Bureau in the Ministry of Civil Aviation on 30th July 2012, known as the Aircraft Accident Investigation Bureau (AAIB) of India.

FUNCTIONING OF AAIB

As provided in the Rules 2017

- ▣ In accordance with ICAO Annex 13, Aircraft (Investigation of Accidents and Incidents) Rules were **amended in 2017** and as per the current rules the AAIB works as an attached office of the Ministry of Civil Aviation. Separate budget has been allotted for AAIB. Investigation work is being carried out as per amended Aircraft (Investigation of Accidents and Incidents) Rules 2017 as AAIB has got immediate and unrestricted access to all relevant evidence without seeking prior consent from judicial bodies or other Government authorities.
- ▣ It has been made amply clear that the sole objective of investigation is accident prevention.

FUNCTIONING OF AAIB.....

AAIB is required to carry out India's obligation towards ICAO as per Annex 13 and shall discharge various functions including:-

- ▣ Obtaining preliminary report under from any person or persons on occurrences.
- ▣ Classification of occurrence and setting up investigation and in case of formal investigation, assisting the Central Government.
- ▣ to facilitate the investigation and administrative work of the investigation whenever necessary;

FUNCTIONING OF AAIB.....

- ▣ processing of the reports of investigation received by the Aircraft Accident Investigation Bureau, which includes acceptance of report by DG, AAIB and making it public by DG, AAIB in a manner it deems fit, forwarding of the final report, made public by the Central Government under sub-rule (2) of rule 14 or by Aircraft Accident Investigation Bureau, to the States and to ICAO if the mass of the aircraft involved in accident or incident is more than 5,700 kg.

FUNCTIONING OF AAIB.....

- ▣ to formulate safety recommendation on the basis of safety studies, including induction of new technology to enhance safety, conducted from time to time;
- ▣ to establish and maintain an accident and serious incident database for effective analysis of information on actual or potential safety deficiencies;

FUNCTIONING OF AAIB.....

- ▣ to process obligations of the Central Government under Annex 13 to the Convention relating to International Civil Aviation signed at Chicago on the 7th day of December, 1944 as amended from time to time;
- ▣ to forward the recommendations made in investigation reports and safety studies to DG, CA and other regulatory authorities for their follow up and to obtain compliance of the same.

WAY FORWARD

- ▣ Assisting friendly nations in Aircraft Accident Investigations.
- ▣ Development of Experts.
- ▣ Complete Financial Independence.

CHALLENGES

- ▣ Staff Appointment
- ▣ Pool of Expert
- ▣ Training of officers of AAIB
- ▣ Tool kits procurement
- ▣ Labs / Testing Facility
- ▣ Hanger / Storage Room

ACHIEVEMENTS

- ▣ Currently, all Investigators of AAIB, India are fully trained and Qualified to work independently.
- ▣ The Officers are been provided recurrent training to maintain/upgrade the competency level and also for updating their awareness to relevant regulations / developments and latest investigation techniques etc.
- ▣ All investigators equipped with Tool Kits, etc
- ▣ Procedure Manual for Investigation.

EFFECTIVE IMPLEMENTATION (EI) OF APPLICABLE STANDARDS BY INDIA (Last Audit -2018)

	INDIA	GLOBAL AV
Legislation	90.48%	75.12%
Organisation	61.54%	72.01%
Licencing	25.26%	74.95%
Operations	83.21%	71.61%
Airworthiness	89.66%	80.38%
Accident Investigation	67%	57.49%
Air Navigation Services	73.68%	67.58%
Aerodromes	76.03%	62.52%

RECOGNITION BY ICAO COUNCIL

▣ India was honoured by ICAO Council President Mr Olumuyiwa Bernard Aliu during 40th Special Session of the Council (Sep 04 – Oct 04, 2019), who presented the *prestigious Council President Certificate-*

“ In recognition of (its) progress in resolving its Safety Oversight Deficiencies and Improving the EI of applicable ICAO SARPs.”

QUESTIONS