



Ministry of Ports, Shipping and Aviation

AIRCRAFT ACCIDENT INVESTIGATORS

The Ministry of Ports, Shipping and Aviation is looking for energetic enthusiastic and self-motivated personnel who have sound qualifications and extensive experience in the field of Aircraft Accident/Incidents Investigation in civil aviation to establish a pool of aircraft Accident/Incident Investigators as an interim mechanism for a period of 2 years extendable.

Every applicant:

- Should be a citizen of Sri Lanka
- should not be less than 45 years and more than 70 years of age
- Should be physically and mentally fit to discharge duties
- Shall not be a current employee of the Civil Aviation Authority of Sri Lanka

Other factors:

- The Post will be on assignment basis and temporary.
- Preference will be given to those who have experience in aircraft accident/incident investigation or similar industry experience (Flight Operation/ Air Traffic Control/ Meteorology/ Power Plant/ Aircraft System/ Aircraft structure/ Cabin Operation etc)

Interested Professionals are invited to visit following web sites for further details and specimen application form.

www.portmin.gov.lk

www.caa.lk

www.airport.lk

SECRETARY,

**Ministry of Ports, Shipping and Aviation
No. 19, Chaithya Road,
Colombo 01**

Establishment of Pool of Aircraft Accident Investigators (Interim Mechanism)

1. Application Procedure:

- The **Standard Application form** can be downloaded from the Ministry web site at <http://portmin.gov.lk/>
- Applicants are required to send copies of documentary evidence for qualifications and experience to prove the eligibility for the applied post.
- Only the applications sent on the **Standard Application forms** will be entertained.
- Applicants who serve any of the Departments/Statutory Board/Public Corporations/ Fully Government Corporations should apply through the Head of the Organization.
- Duly completed applications should reach this office on or before 14th December 2022 under registered post or can be forwarded by e-mail.
- Incomplete applications will be rejected without intimation.
- Applications received after the closing date will not be considered.
- Applications should be addressed to the **Secretary, Ministry of Ports, Shipping and Aviation** and the title shall be marked as “Aircraft Accident Investigator” on the top left hand corner of the envelope.
- Shall not be a current employee of the Civil Aviation Authority of Sri Lanka.

- Only the candidates satisfying the eligibility criteria will be called for interviews/ tests.

Persons having required qualifications and relevant experience as mentioned below are invited to apply as an Aircraft Accident Investigator into a pool which is to be appointed and established by the Ministry Ports, Shipping and Aviation.

- 1) **Flight operations** – At least 10 years of experience after obtaining Airline Transport Pilot License with 10,000 total number of flying hrs, and experience as a pilot-in-command during the last six years in commercial operation (in flight crew training or the safety aspects of commercial airline flight operations).

Successful completion of aircraft accident investigation course will be an added advantage.

1. Knowledge of international, domestic, scheduled and commercial flight operations.
2. Knowledge of approved commercial piloting techniques and commercial pilot training and check programs.
3. Knowledge on Aviation Rules & Regulations and aviation accident investigation practices, techniques, procedures and safety management.
4. Ability to write detailed and comprehensive technical reports.

- 2) **Air Traffic Control** - At least 10 years of experience in a civilian air traffic facility as an Air Traffic Controller with all ATC ratings.

Successful completion of aircraft accident investigation course will be an added advantage.

The following knowledge, skills or abilities are essential to the successful performance of the duties described;

2. Knowledge of air traffic control regulations, practices and procedures.
3. Knowledge of en route or terminal radar systems and radar data recording capabilities.
4. Knowledge on Aviation Rules & Regulations and aviation accident investigation practices, techniques, procedures and safety management.
5. Knowledge of aircraft dispatching and airport operations.

3) **Meteorology** - a Bachelor of Science or higher degree with a major field of study in meteorology, Atmospheric Physics, Physical Science, Statistics, Chemistry, Physical climatology, advanced thermodynamics and computer science and with five years of experience as a Forecaster or Meteorologist in a Government Department /Public Enterprise or in a reputed Mercantile Establishment engaged in Meteorology in similar discipline.

Successful completion of aircraft accident investigation course will be an added advantage.

The following knowledge, skills or abilities are essential to the successful performance of the duties described;

1. Knowledge of aviation weather forecasting including collecting, interpreting and disseminating aviation weather information.
2. Knowledge of aviation weather hazards.
3. Ability to develop and manage technical meteorological studies.
4. Ability to write detailed and comprehensive technical reports.
5. Ability to write meteorological computer programs.
6. Knowledge of aircraft dispatching, airport requirements and air traffic control practices and procedures.
7. Ability to use computer-based weather data and analysis systems.

4) **Power Plant**

➤ A Bachelor's or higher degree from an accredited college or university on aerospace, aeronautical or mechanical engineering having at least five year of experience.

OR

➤ an aircraft maintenance license holder with 10 years of power plant experience.

Successful completion of aircraft accident investigation course will be an added advantage.

The following knowledge, skills or abilities are essential to the successful performance of the duties described;

1. Knowledge of aircraft power plants and their associated systems.
2. Knowledge of aircraft turbine engine certification, manufacturing and/or maintenance standards and practices.
3. Knowledge of aviation engineering theory and practice as evidenced by advanced or multiple engineering degrees or extensive aviation engineering experience.
4. Knowledge of certification or manufacturing of large aircraft turbine power plant and related systems.
5. Knowledge of maintenance and inspection standards, practices and procedures applicable to aircraft turbine power plants and related systems used in transport

6. Knowledge of the commercial airline industry as evidenced by certification and work experience as a Commercial or Airline Transport Pilot, Flight Engineer, and/or Airframe and Power Plant Mechanic.
7. Ability to conduct accident/incident investigations or failure analysis of turbine aircraft engines and related aircraft systems.
8. Knowledge and skill in technical writing and making oral presentations especially as they relate to aircraft accident investigation and failure analysis.
9. Knowledge on Aviation Rules & Regulations and aviation accident investigation practices, techniques, procedures and safety management.

5) Aircraft system

- A bachelor's or higher degree in Mechanical or Electrical covered in Aeronautical engineering or Aerospace Engineering from an accredited college or university and having five years of experience in aircraft systems,

OR

- An aircraft maintenance license engineer (having valid AML) with 10 years of experience in relevant discipline (mechanical or electrical).

Successful completion of aircraft accident investigation course will be an added advantage.

The following knowledge, skills or abilities are important to the successful performance of the duties described;

1. Knowledge of the engineering aspects of electrical, hydraulic, mechanical, pneumatic, or avionic systems on large aircraft.
2. Knowledge of large aircraft certification, manufacturing and/or maintenance standards and practices.
3. Knowledge of aviation engineering theory and practice as evidenced by advanced or multiple engineering degrees or extensive aviation engineering experience.
4. Knowledge of maintenance standards, practices and procedures for aircraft systems used in transport category or comparable aircraft.
5. Ability to conduct accident/incident investigations or failure analysis of aircraft electrical, hydraulic, mechanical, pneumatic, and avionics systems.
6. Knowledge and skill in technical writing and making oral presentations especially as they relate to aircraft accident investigation and failure analysis.
7. Knowledge on Aviation Rules & Regulations and aviation accident investigation practices, techniques, procedures and safety management.

6) Aircraft structure -

- A bachelor's or higher degree in Mechanical, Aeronautical Engineering or Aerospace Engineering from an accredited college or university with five years' experience in aircraft structures,

OR

- An aircraft maintenance licence engineer (valid AML) with 10 years of experience in aircraft structures.

Successful completion of aircraft accident investigation course will be an added advantage.

The following knowledge, skills or abilities are important to the successful performance of the duties described;

1. Knowledge of the design of aircraft structures, structural mechanics, and the properties of various materials used in aircraft construction.
2. Knowledge of large aircraft certification, manufacturing and/or maintenance standards and practices.
3. Knowledge of aviation engineering theory and practice as evidenced by advanced or multiple engineering degrees or extensive aviation engineering experience.
4. Knowledge of maintenance standards, practices and procedures for aircraft structures.
5. Ability to conduct aircraft accident/incident investigations or failure analysis of aircraft structures.
6. Knowledge and skill in technical writing and making oral presentations relate to aircraft accident investigation and failure analysis.
7. Ability to effectively lead teams composed of technical personnel drawn from different organizations in accomplishing desired goals.
8. Knowledge on Aviation Rules & Regulations and aviation accident investigation practices, techniques, procedures and safety management.

7) Human Factors

- Aviation Medicine Specialist/Examiner

OR

- Experienced Aviation Forensic Pathologist

Qualifications –

- a. MBBS or equivalent qualification with more than 5 years' experience in Clinical medicine
- b. Diploma or Post Graduate Certificate in Aviation Medicine
- c. Certificate in Human Factors

Experience –

- a. Five years or more experience in practicing Aviation medicine

Successful completion of aircraft accident investigation course will be an added advantage.

The following knowledge, skills or abilities are important to the successful performance of the duties described;

1. Ability to write detailed and comprehensive technical reports.
2. Knowledge on Aviation Rules & Regulations and aviation accident investigation practices, techniques, procedures and safety management.

8) Cabin Operations

A holder of Cabin crew certificate which is recognized by the International Civil Aviation Organization and at least ten years (10) experience as a Cabin Crew Member of a Commercial

- Five (05) years' experience as a purser OR;
- Five (05) years' experience as Cabin Crew Safety Instructor.

Successful completion of aircraft accident investigation course will be an added advantage.

The following knowledge, skills or abilities are important to the successful performance of the duties described;

1. Knowledge on Aviation Rules & Regulations and aviation accident investigation practices, techniques, procedures and safety management.

Ability to write detailed an

Applications:

Duly completed applications should be forwarded with educational, professional qualifications and experience with contact details of two non-related referees should be sent under registered post to reach **Secretary, Ministry of Ports, Shipping and Aviation, No. 19, Chaithya Road, Colombo 01**. Within **10 working days** of this advertisement, indicating the post applied for on the title shall be marked as "Aircraft Accident Investigator" on the top left-hand corner of the envelope. **Self-certified Copies of certificates to be attached to the application.** Applicants who are in government/semi government sector should forward their applications through Heads of Departments. **The Standard Application form and other detail related to each post** can be downloaded from the Ministry and its institution's web sites @

<http://portmin.gov.lk/>, <https://www.airport.lk>, <https://www.caa.lk>, <https://www.srilankan.com>

Short listed applicants based on qualifications and experience will be called for an interview/ test.

**The SECRETARY,
Ministry of Ports, Shipping and Aviation
No. 19, Chaithya Road,
Colombo 01**

Tel: 011-2439352/ 011-2435161 (200/225) (3505/3504)

Email : secretary@portmin.gov.lk