

CAAS – LACAC Onsite Programme:
Aircraft Accident Investigation Techniques
4 – 8 September 2017 • Buenos Aires, Argentina



LACAC

This course provides you with an understanding of aircraft accident investigation techniques and equips you with the knowledge and skills to participate in and support formal investigations.

WHAT YOU WILL LEARN

Upon completion of this course, you will be able to:

- Understand aircraft accident investigation techniques
- Participate and support in formal investigations

WHAT IS COVERED

- **ICAO Annex 13**
 - International requirements
 - Rights and responsibilities of States involved
- **Preparation to Conduct an Investigation**
 - National laws and procedures
 - Investigation equipment
 - Communications equipment
 - Transportation to accident site
 - Protective clothing
 - Accident site safety
- **On-site Investigation Tasks**
 - Coordination with other agencies
 - Sources of evidence
 - Documenting the accident site
 - Wreckage recovery from the sea
- **Use of Critical Data in Investigation**
 - Flight data recorder
 - Cockpit voice recorder
 - Radar data
- **Technical Investigation**
 - Structures, power plants and systems
 - Maintenance records
 - Aerodynamics
 - Mid-air collisions
 - In-flight break-ups
- **Operations Investigation**
 - Flight path
 - Crew history, duty times and competency
- **Human Factors**
 - SHEL model
 - Reason model
 - Types of errors and examples
 - Techniques for investigating human factors
- **Survival Factors**
 - Crashworthiness
 - Pathology

- **Interviewing Techniques**
- **Writing the Final Report**
 - Drafting
 - Factual Information
 - Analysis and conclusions
 - Safety Recommendations
- **Case Studies**
 - Major aircraft accidents
 - Light aircraft accidents
 - Incident investigation

WHO SHOULD ATTEND

This course is beneficial to personnel involved in accident investigations from accident investigation agencies, civil aviation administrations, airport authorities, air navigation service providers, airline safety personnel, military accident investigators and related aviation organisations.

DURATION

5 days

REGISTRATION

Please submit completed registration forms to:

Secretary
Latin American Civil Aviation Commission
Victor Andrés Belaúnde 147
Edificio Real Cuatro-Centro Empresarial Real
San Isidro Apartado, Postal 27032
Lima, Peru
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TRAINING VENUE

JIAAC Headquarters