

**CATC/NAAC/ICAO/SUBGROUP OF INSTRUCTIONAL PROGRAMS FOR EXCLUSIVE USE.**  
**April 2025**

**GENERIC TRAINING PROGRAM FOR CIVIL AVIATION SAFETY INSPECTORS (CASI)**

**INITIAL / INDUCTION**

**REFERENCES:** Doc 9734, Part A, C3, Doc 9379, Part I, C2

# MODULE	MODULE	LEARNING OBJECTIVE	# SUB THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	Civil Aviation Authority Overview	Understand and adopt the functions performed by the Civil Aviation Authority, its structure and the importance and contribution to the State.	1.1	Mission and Vision of the Civil Aviation Authority	03:00	Instructor of the Instruction Center
			1.2	History		
			1.3	Functions		
			1.4	Organizational Structure		
			1.5	General Functions of the Divisions/Directorates/Departments of the Civil Aviation Authority		
2	General Aspects of Civil Aviation Safety Inspector Training	Adopt the measures related to the training provided and programmed by the Civil Aviation Authority, as well as the guidelines for accreditation of training.	2.1	Structure and Functions of the Official Training Centre for the Civil Aviation Authority.	06:00	Instructor of the Instruction Center
			2.2	Training Overview		
			2.3	Guidelines for the programming and attention of training.		
			2.4	On-the-Job Training Program (OJT)		
			2.5	Training Record		
3	ICAO International Aeronautical Legislation - International Civil Aviation Organization (ICAO) Overview	Identify the international legislation applicable to the State in the field of civil aviation in each of its sections.	3.1	Chicago Convention	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			3.2	ICAO		
			3.3	Contracting States		
			3.4	ICAO Annexes		
			3.5	Standards and Recommended Practices (SARPs)		
			3.6	Critical Elements		
			3.7	Applicable ICAO Documents		
4	National Aeronautical Legislation	Identify the national legislation of the State in the field of civil aviation in each of its sections.	4.1	State Civil Aviation Primary Legislation	04:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			4.2	Primary State-Specific Operating Regulations legislation		
			4.3	Applicable State Aviation Rules		
			4.4	Directives, Orders, Circulars, Publications, for State Civil Aviation and for the Public		
			4.5	Civil Aviation Safety Inspector Manuals		
			4.6	Civil Aviation Safety Inspector Technical Guides		

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
5	Safety Management System (SMS)	Apply the concepts of the SMS to the roles and responsibilities of the Civil Aviation Safety Inspector	5.1	Introduction and concepts	06:00	Instructor of the Instruction Center
			5.2	Requirements and implementation		
			5.3	Risk Management		
6	State Safety Program (SSP)	Apply the concepts of the SSP to the roles and responsibilities of the Civil Aviation Safety Inspector	6.1	State Operational Safety Policy	04:00	
			6.2	SSP Security Objectives		
			6.3	Risk-Based Security Surveillance Process		
			6.4	Promotion / Dissemination of Operational Safety		
			6.5	SSP Voluntary Reporting System		
7	AVSEC Awareness	Identify the regulations and concepts applicable to Civil Aviation Security.	7.1	Introduction and concepts	04:00	Instructor of the Instruction Center
			7.2	State legislation on AVSEC		
			7.3	Organization		
			7.4	Threats to Civil Aviation		
			7.5	Civil Aviation Security		
			7.6	Responses and actions related to Civil Aviation Security		
			7.7	State Plan for Civil Aviation Security		
8	SAR/Air Accident Investigation	Apply the search, rescue and accident investigation procedures applicable to the Civil Aviation Authority.	8.1	Search and Rescue Overview	08:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			8.2	Accident Investigation Overview		
			8.3	Functions and Responsibilities of the Civil Aviation Authority		
9	Quality and Auditing Systems in the Aeronautical Sector	Apply the general audit guidelines to Quality Management Systems within the functions of the Civil Aviation Safety Inspector	9.1	Overview of Quality Management Systems	08:00	Instructor of the Instruction Center
			9.2	National Requirements for Quality Systems		
			9.3	Audit based on ISO 19011		
			9.4	Audit in the Aeronautical Sector		
10	Human Factors	Identify the potential causes of human error in the personal and professional sphere to apply them within the functions and responsibilities of the Civil Aviation Safety Inspector	10.1	Human Error	08:00	Instructor of the Instruction Center
			10.2	Conceptual models of human factors		
			10.3	Violations of Norms, Policies, Regulations and Manuals		
			10.4	Situational Awareness		
			10.5	Leadership, Attitude, Communication		
			10.6	Burn Out		
			10.7	Decision-making		
			10.8	Teamwork		

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
			10.9	Workload performance		
			10.10	Ergonomics		
11	Personal Ethics, Ethics of the Civil Aviation Safety Inspector, Credentials and Law Enforcement	Adopt and exercise the ethical and professional positions of the Civil Aviation Safety Inspector within their functions and duties.	11.1	Code of Conduct	04:00	Instructor of the Instruction Center
			11.2	Functions and duties of the Civil Aviation Safety Inspector		
			11.3	Civil Aviation Safety Inspector powers and official identification		
			11.4	Law Enforcement/Procedures and Fines		
12	Technical Report Writing	Apply the guidelines to prepare reports that document the inspection, surveillance and certification activities of the inspector	12.1	Technical Communication	05:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			12.2	Technical Report Structure and Format		
			12.3	Information Collection and Organization		
			12.4	Drafting and Drawing Conclusions		
12	Basic Introduction of Information Technology	Apply the general guidelines for the use of parcels and authorized computer programs of the Civil Aviation Authority	12.1	Use of computer and communication equipment (hardware)	04:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			12.2	Use of official parcel (MS Office)		
			12.3	Internet and Cybersecurity		
			12.4	State Website		
			12.5	Official programs of use of the Civil Aviation Authority		
<b>Total Time:</b>					<b>70:00</b>	

**ANNEX I – PERSONNEL LICENSING**  
**ADVANCED – PEL INSPECTOR**

**REFERENCES:** Doc 9734, Part A, C3, Doc 9379, Part I, C2.

# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	ICAO and National International Aeronautical Legislation	Understand the international and national regulatory framework that governs the granting of licenses to aeronautical personnel.	1.1	Annex I - ICAO	08:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			1.2	Doc. 9379		
			1.3	National Regulatory Framework Laws and Regulations		
			1.4	Applicable technical standards and provisions.		

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
			1.5	Civil Aviation Safety Manual PEL Inspector – Licenses		
			1.6	Responsibilities of the Civil Aviation Safety Inspector		
2	Licensing Requirements	Apply the requirements for the granting of the different licenses to aeronautical technical personnel	2.1	Pilot Licenses (Airplane, Helicopter, etc.)	24:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			2.2	Maintenance Personnel Licenses		
			2.3	Air Traffic Controller Licenses		
			2.4	Flight Dispatcher Licenses		
			2.5	Other Licenses (Navigator, Aeronautical Station Operator, etc.)		
			2.6	Age, Experience, Knowledge and Skills Requirements		
			2.7	Medical and Psychological Examinations		
			2.8	National and international confirmations and revalidations		
3	Review and Evaluation Procedures	Apply the procedures for carrying out theoretical and practical exams, as well as for the evaluation of the competence of aeronautical personnel.	3.1	Training Centres for aeronautical technical personnel	16:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			3.2	Theoretical exams (content, format, administration)		
			3.3	Practical Exams (Evaluation of Flight Skills, Maintenance, Dispatch, etc.)		
			3.4	Synthetic Training Simulators and Devices		
			3.5	Evaluation and Grading Criteria		
			3.6	Documentation and Recording of Results		
4	Issuance, Validation, and Renewal of Licenses	Execute the processes for issuance, validation and renewal of licenses to aeronautical personnel.	4.1	Initial Issuance Procedures	08:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			4.2	Foreign License Validation		
			4.3	License Renewal and Revalidation		
			4.4	Endorsements and Authorizations		
			4.5	License Registration and Filing		
			4.6	Security and Fraud Prevention		
5	Surveillance and Compliance	To supervise and verify compliance with the licensing regulations by the Training Centres for aeronautical technical personnel and licence holders.	5.1	Inspections of Training Organizations (ATO, TRTO, etc.)	08:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			5.2	Compliance Audits		
			5.3	Monitoring Licensee Competition		
			5.4	Corrective Actions and Sanctions		
			5.5	Records and Documentation Management		
<b>Total Time:</b>					<b>62:00</b>	

**SPECIALIZED – PEL INSPECTOR**

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REFERENCES: Doc 9734, Part A, C3, Doc 9379, Part I, C2.

#	SPECIALIZED COURSE	LEARNING OBJECTIVE	RECURRENCE	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	Personnel Licensing Officer / System	Reinforce knowledge and skills to specialize the inspector in his or her duties	24 months	40:00	Instructor of the Instruction Center

## ANNEX 6 – OPERATIONS (GROUND)

### ADVANCED – OPS (GROUND)

REFERENCES: Annex 6, Doc 8335 Part I, 5.2 & 6.2 Doc 9734 Part A, C3, Doc. 9284, Doc. 9481

# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	ICAO and National International Aeronautical Legislation	Understand the international and national regulatory framework governing aeronautical operations on the ground.	1.1	Annex 6 - ICAO	08:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			1.2	Doc. 8335, 9284, 9481, 9734		
			1.3	National Regulatory Framework Laws and Regulations		
			1.4	Applicable technical standards and provisions.		
			1.5	Manual del Civil Aviation Safety Inspector de OPS – Ground Operations		
			1.6	Responsibilities of the Civil Aviation Safety Inspector		
2	Ground Operations	Understand the scope and importance of operations, their context with safety and efficiency in airport operations.	2.1	Principles of Safety in Ground Operations	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			2.2	Aircraft Handling (Fixed Wing and Rotary Wing)		
			2.3	Hot Air Balloon Handling and Operation		
			2.4	RPAS management and operation		
			2.5	Complementary services		
3	Aerodromes and Helipads	Understanding the configuration and operation of an airfield	3.1	Configuration of an aerodrome	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			3.2	Heliport Configuration		
			3.3	Infrastructure and physical characteristics		
			3.4	Navigation Systems		
			3.5	Wildlife Control and Management		
4	Traffic Control and Ramp Movement	Understand ground motion control procedures to prevent collisions on the apron and taxiways.	4.1	Ground Traffic Control Procedures	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			4.2	Communications and Phraseology		
			4.3	Signaling and Marking in the Movement Area		
			4.4	Surface Motion Control and Guidance Systems (SMGCS)		
			4.5	Coordination with the Control Tower		
5	Aircraft Performance & Dispatch	Understand the processes involved in aircraft clearance	5.1	Aircraft Performance	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			5.2	Aircraft Dispatch (Flight Plan)		
			5.3	Weather report		
			5.4	Aeronautical notifications		

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
6	Dangerous Goods	Understand the processes involved in transporting dangerous goods	6.1	International and National Regulations for the Transport of Dangerous Goods	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			6.2	Technical provisions for the transport of dangerous goods		
			6.3	Classification, Identification and Handling of Dangerous Goods		
			6.4	Cargo Security		
			6.5	Emergency response processes		
7	Airport Security and AVSEC	Understand and evaluate airport security measures in the movement area to prevent acts of unlawful interference.	7.1	Movement Area Access Control	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			7.2	Surveillance and Patrolling		
			7.3	Vehicle & Equipment Inspection		
			7.4	Emergency Response		
			7.5	Airport Security Plans		
8	Operator Certification	Carry out the processes for the certification of air operators	8.1	Certification Procedures – Civil Authority Safety Inspector Manual	18:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			8.2	AOC Award		
			8.3	Granting of a flight dispatch office permit		
			8.4	Authorisation for the transport of dangerous goods		
			8.5	Special Operations Authorization		
			8.6	Authorisation of operations with RPAS and hot air balloons		
8	Supervision and Surveillance	Conduct effective inspections and verifications of ground operations to verify compliance with regulations	9.1	Inspection and Surveillance Procedures – Civil Authority Safety Inspector Manual	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			9.2	Ramp Inspection		
			9.3	Inspection in Motion Areas		
			9.4	Inspection of operators and service providers		
			9.5	FBO Inspection		
			9.6	Corrective Actions and Sanctions		
			9.7	Records and Documentation Management		
<b>Total Time:</b>					<b>80:00</b>	

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**SPECIALIZED – PAHO (GROUND)**

**REFERENCES:** Annex 6, Doc 8335 Part I, 5.2 & 6.2 Doc 9734 Part A, C3, Doc. 9284, Doc. 9481

#	SPECIALIZED COURSE	LEARNING OBJECTIVE	RECURRENCE	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	EDTO Special Operations	Understanding Special Operations	24 months	40:00	Instructor of the Instruction Center
2	RVSM Special Operations	Understanding Special Operations	24 months	40:00	Instructor of the Instruction Center
3	Special Operations at AWO (CAT II, CAT III)	Understanding Special Operations	24 months	40:00	Instructor of the Instruction Center
4	Special Operations PBN, RNAV, RNP	Understanding Special Operations	24 months	40:00	Instructor of the Instruction Center
5	Type of Aircraft	Understanding the configuration and familiarization of an aircraft	24 months	40:00	Instructor of the Instruction Center

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**ANNEX 6 – OPERATIONS (FLIGHT)**  
**ADVANCED – OPS (FLIGHT)**

**REFERENCES:** Annex 6, Doc 8335 Part I, 5.2 & 6.2 Doc 9734 Part A, C3, Doc. 9284, Doc. 9481

# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	ICAO and National Aeronautical Legislation	Understand the international and national regulatory framework that governs aeronautical operations in flight.	1.1	Annex 6 - ICAO	08:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			1.2	Doc. 8335, 9284, 9481, 9734		
			1.3	National Regulatory Framework Laws and Regulations		
			1.4	Applicable technical standards and provisions.		
			1.5	Manual of the Civil Aviation Safety Inspector of OPS – Flight Operations		
			1.6	Responsibilities of the Civil Aviation Safety Inspector		
2	Air Operators Certification	Understand the process of certifying air operators and assessing their ability to conduct safe operations.	2.1	Manual of the Civil Aviation Safety Inspector of OPS – Flight Operations	18:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			2.2	Requirements for Air Operators Certification (AOC)		
			2.3	Manuals and Operational Documentation		
			2.4	In-flight Certification Inspection and Audit Process		
3	CRM / FRMS	Understand the guidelines of Crew Resources Management applied to flight operations	3.1	Best practices in communication, leadership, and decision-making	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			3.2	Managing Fatigue and Stress in Crew		
			3.3	Evaluating the effectiveness of CRM training		
			3.4	Evaluation of the effectiveness of the FRMS		
4	Air Operations Surveillance	Monitor and evaluate the daily operations of air operators to ensure continuous compliance with regulations.	4.1	Manual of the Civil Aviation Safety Inspector of OPS – Flight Operations	30:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			4.2	Ramp and In-Flight Inspections		
			4.3	In-flight inspection for Fixed Wing Aircraft		
			4.4	In-flight inspection for Rotary Wing Aircraft		
			4.5	Inspection for RPAS Unmanned Aircraft		
			4.6	Inspection for Hot Air Balloons		
			4.7	Flight Data Analysis (FDM)		
			4.8	Crew Fatigue Management Assessment		
			4.9	Supervision of Aircraft Maintenance in Transit		
			4.10	Operational Quality Audits		

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
5	Pilot Deviations	Understand and monitor deviations from flight procedures	5.1	Deviation Notification System	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			5.2	Deviation Analysis and Classification		
			5.3	Deviation Report		
			5.4	Control and monitoring of actions		
6	Dangerous Goods	Understand the processes involved in transporting dangerous goods	6.1	International and National Regulations for the Transport of Dangerous Goods	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			6.2	Technical provisions for the transport of dangerous goods		
			6.3	Classification, Identification and Handling of Dangerous Goods		
			6.4	Cargo Security		
			6.5	Emergency response processes		
7	Supervision and Surveillance	Conduct effective inspections and verifications of in-flight operations to verify compliance with regulations	7.1	Inspection and surveillance procedures – Manual of the Civil Authority Safety Inspector OPS – Flight Operations	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			7.2	Ramp Inspection		
			7.3	In-flight inspection		
			7.4	CRM & FRMS Inspection		
			7.5	Inspection of operators and service providers		
			7.6	Corrective Actions and Sanctions		
			7.7	Records and Documentation Management		
<b>Total Time:</b>					<b>92:00</b>	

**SPECIALIZED – OPS (FLIGHT)**

**REFERENCES:** Annex 6, Doc 8335 Part I, 5.2 & 6.2 Doc 9734 Part A, C3, Doc. 9284, Doc. 9481

#	SPECIALIZED COURSE	LEARNING OBJECTIVE	RECURRENCE	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	EDTO Special Operations	Understanding Special Operations	24 months	40:00	Instructor of the Instruction Center
2	RVSM Special Operations	Understanding Special Operations	24 months	40:00	Instructor of the Instruction Center
3	Special Operations at AWO (CAT II, CAT III)	Understanding Special Operations	24 months	40:00	Instructor of the Instruction Center

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#	SPECIALIZED COURSE	LEARNING OBJECTIVE	RECURRENCE	PARTIAL DURATION (hh:mm)	INSTRUCTOR
4	Special Operations PBN, RNAV, RNP	Understanding Special Operations	24 months	40:00	Instructor of the Instruction Center
5	Aircraft Type Fixed Wing or Rotary Wing (Type Rating)	Maintaining competition in an aircraft's operations	24 months	Depends on the provider	Instructor of the Instruction Center

**ANNEX 6 – OPERATIONS (CABIN)**  
**ADVANCED – OPS (CABIN)**

**REFERENCES:** Annex 6, Doc 8335 Part I, 5.2 & 6.2 Doc 9734 Part A, C3, Doc. 9284, Doc. 9481

# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	ICAO and National International Aeronautical Legislation	Understand the international and national regulatory framework that governs aeronautical operations in flight.	1.1	Annex 6 - ICAO	08:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			1.2	Doc. 8335, 9284, 9481, 9734		
			1.3	National Regulatory Framework Laws and Regulations		
			1.4	Applicable technical standards and provisions.		
			1.5	Manual del Civil Aviation Safety Inspector de OPS – Cabin Operations		
			1.6	Responsibilities of the Civil Aviation Safety Inspector		
2	Operational Safety in the Cabin	Understand the guidelines of the procedures executed in the cabin to safeguard safety.	2.1	Briefing de Crewmembers	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			2.2	Emergency equipment		
			2.3	Intercom systems		
			2.4	Unauthorized Objects		
3	CRM / FRMS	Understand the guidelines of Crew Resources Management applied to flight operations	3.1	Best practices in communication, leadership, and decision-making	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			3.2	Managing Fatigue and Stress in Crew		
			3.3	Evaluating the effectiveness of CRM training		
			3.4	Evaluation of the effectiveness of the FRMS		
4	Cabin Crew Training and Qualification	Understand the initial, recurrent and transitional training requirements for cabin crew.	4.1	Initial Training Requirements	06:00	Instructor of the Training Center / Instructor designated by the Civil
			4.2	Recurrent and Refresher Training		
			4.3	Transition Training (Aircraft, Procedures)		
			4.4	Crew Resource Management (CRM)		

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
			4.5	Crew Competency Assessment		Aviation Authority
			4.6	Approved Training Programs		
5	Document review	Understand the documentary and certification requirements requested by the Aviation Authority	5.1	Manual del Civil Aviation Safety Inspector de OPS – Cabin Operations	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
5.2	Cabin crew manuals					
5.3	Passenger Support Documents					
5.4	Emergency Procedures					
6	Surveillance of Cabin Operations	Monitor and evaluate cabin crew standard operating procedures in the different phases of flight.	6.1	Manual del Civil Aviation Safety Inspector de OPS – Cabin Operations	24:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			6.2	Pre-Flight Procedures		
			6.3	In-Flight Cabin Procedures		
			6.4	Descent and Landing Procedures		
			6.5	Cabin Communications		
			6.6	Checklists and technical supports		
			6.7	Coordination procedures with Flight Crew		
			6.8	Emergency equipment		
7	Emergency Procedures in the Cabin	Assess cabin crew preparedness and response to emergency situations.	5.1	Evacuation Procedures	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			5.2	Cabin Fires		
			5.3	Depressurization		
			5.4	Emergency Landing		
			5.5	Security Procedures (Bomb Threats, Kidnapping)		
			5.6	First Aid & Medical Care		
6	Dangerous Goods	Understand the processes involved in transporting dangerous goods	6.1	International and National Regulations for the Transport of Dangerous Goods	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			6.2	Technical provisions for the transport of dangerous goods		
			6.3	Classification, Identification and Handling of Dangerous Goods		
			6.4	Cargo Security		
			6.5	Emergency response processes		
7	Supervision and Surveillance	Conduct effective inspections and verifications of in-flight operations to verify compliance with regulations	7.1	Inspection and surveillance procedures – Civil Authority Safety Inspector OPS Manual – Cabin Operations	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			7.2	Aircraft Documentation		
			7.3	Crew Documentation		
			7.4	CRM & FRMS Inspection		
			7.5	Inspection of in-cab operations		
			7.6	Corrective Actions and Sanctions		
			7.7	Records and Documentation Management		

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
<b>Total Time:</b>					<b>80:00</b>	

**SPECIALIZED – OPS (CABIN)**

**REFERENCES:** Annex 6, Doc 8335 Part I, 5.2 & 6.2 Doc 9734 Part A, C3, Doc. 9284, Doc. 9481

#	SPECIALIZED COURSE	LEARNING OBJECTIVE	RECURRENCE	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	Type of Aircraft Fixed Wing	Maintaining competition in an aircraft's operations	24 months	Depends on the provider	Instructor of the Instruction Center

**ANNEX 15 – ANS – MET (METEOROLOGY)**

**ADVANCED – ANS/MET (METEOROLOGY)**

**REFERENCES:** Annex 3, Doc.9328,Doc.9837,Doc.10003

# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	ICAO and National International Aeronautical Legislation	Understand the international and national regulatory framework governing meteorology operations	1.1	Annex 10, Annex 19 - ICAO	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			1.2	Doc. 9328,9837,10003		
			1.3	National Regulatory Framework Laws and Regulations		
			1.4	Applicable technical standards and provisions.		
			1.5	Manual del Civil Aviation Safety Inspector de ANS		
			1.6	Responsibilities of the Civil Aviation Safety Inspector		
			1.7	Principles of Meteorology		
2	Aeronautical Meteorology	Understand the different types of meteorological observations and the requirements for their conduct and reporting.	2.1	Manual del Civil Aviation Safety Inspector de ANS	18:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			2.2	Surface Meteorological Observations (METAR, SPECI)		
			2.3	Meteorological observations at altitude (soundings)		
			2.4	Meteorological Observations by Radar and Satellite		

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
			2.5	Aeronautical Meteorological Instrumentation		
			2.6	Weather Forecasts (area, aerodrome)		
			2.7	Weather forecasts of hazardous phenomena (turbulence, ice, storm, snow, rain, etc.)		
			2.8	Quality and Accuracy of Observations		
3	Documentation and Dissemination of Meteorological Information	Supervise the procedures for the timely and accurate documentation and dissemination of meteorological information.	3.1	Manual del Civil Aviation Safety Inspector de ANS	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			3.2	Weather Charts		
			3.3	Weather Messages (METAR Codes, TAF, etc.)		
			3.4	Aeronautical Fixed Service (AFS)		
			3.5	Weather Information for Flight Planning		
			3.6	Weather Information for Ground Operations		
4	Meteorological Services for Air Navigation	Understand how weather information supports the safety and efficiency of air navigation.	4.1	Manual del Civil Aviation Safety Inspector de ANS	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			4.2	Impact of Weather Phenomena on Flight Operations		
			4.3	Weather Information for Air Traffic Management (ATM) and PBN		
			4.4	Weather Warning Systems		
			4.5	Weather Advice to Pilots		
			4.6	Weather Offices & Stations		
5	Quality Management Systems (QMS) in Aeronautical Meteorology	Understand the importance and requirements of quality management systems in the provision of meteorological services.	5.1	Manual del Civil Aviation Safety Inspector de ANS	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			5.2	Principles of Quality Management and ISO Standard		
			5.3	Structure and implementation of the Quality Management System in Aeronautical Meteorology		
			5.4	Quality Management System Processes in Aeronautical Meteorology		
6	Supervision and surveillance of the Aeronautical Meteorology services	Conduct effective inspections and audits of AIS services to verify regulatory compliance.	6.1	Manual of the Civil Aviation Safety Inspector of OPS – Airworthiness	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			6.2	Planning, preparation and execution		
			6.3	Review and validation of Aeronautical Meteorology systems		
			6.4	Failures in Meteorology Systems		
			6.5	Corrective Actions and Sanctions		
			6.6	Records and Documentation Management		
			6.7	Corrective Actions and Sanctions		
<b>Total Time:</b>					<b>78:00</b>	

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**SPECIALIZED – ANS / MET (METEOROLOGY)**

REFERENCES: Annex 3, Doc.9328,Doc.9837,Doc.10003

#	SPECIALIZED COURSE	LEARNING OBJECTIVE	RECURRENCE	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	SWIM System	Understanding SWIM Systems	24 months	40:00	Instructor of the Instruction Center
2	Induction AWOS System	Understanding the implementation of AWOS Systems	24 months	40:00	Instructor of the Instruction Center
3	MET Quality Management	Understanding Quality Systems at MET	24 months	40:00	Instructor of the Instruction Center
4	Interpretation of Satellite Images	Understanding PBN Implementation	24 months	40:00	Instructor of the Instruction Center

**ANNEX 15 – ANS – CNS (COMMUNICATIONS, NAVIGATION, AND SURVEILLANCE)**

**ADVANCED – CNS (COMMUNICATIONS, NAVIGATION, AND SURVEILLANCE)**

REFERENCES: Annex 10, Annex 19, Doc. 8126, Doc. 8733, Doc. 9750, Doc. 9889, Doc. 10066.

# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	ICAO and National International Aeronautical Legislation	Understand the international and national regulatory framework governing communication, navigation, and surveillance.	1.1	Annex 10, Annex 11 - ICAO	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			1.2	Doc. 9689, 9871, 8259, 9731, 9739, 9849, 9924		
			1.3	National Regulatory Framework Laws and Regulations		
			1.4	Applicable technical standards and provisions.		
			1.5	Manual del Civil Aviation Safety Inspector de ANS		
			1.6	Responsibilities of the Civil Aviation Safety Inspector		
			1.7	Principles of Air Navigation		
2	Communication Systems	Understand the different communication systems used in the ATM and their operation requirements.	2.1	Manual del Civil Aviation Safety Inspector de ANS	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			2.2	Ground-to-Air Communications (VHF, HF, Satellite)		
			2.3	Ground-to-ground communications (ATN and data networks)		
			2.4	Air-to-Ground Communications (Data Link, CPDLC)		
			2.5	Radio aids		
			2.6	Power Systems for Communications Equipment		

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB- THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
			2.7	Contingency and emergency plans		
			2.8	Documentation and authorizations applicable to Communication Systems		
3	Navigation Systems	Understand the different navigation systems used in aviation and their requirements for accuracy and completeness.	3.1	Manual del Civil Aviation Safety Inspector de ANS	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			3.2	VOR, DME, NDB, ILS systems		
			3.3	GNSS Satellite Navigation Systems (GPS, GLONASS, Power Systems)		
			3.4	Performance-Based Navigation (PBN)		
			3.5	RNAV, RNAV Navigation		
			3.6	Power Systems for Navigation Equipment		
			3.7	Contingency and emergency plans		
			3.8	Documentation and authorisations applicable to Navigation Systems		
4	Surveillance Systems	Understand the different surveillance systems used in the ATM and their coverage and accuracy requirements.	4.1	Manual del Civil Aviation Safety Inspector de ANS	18:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			4.2	Primary Radar		
			4.3	SSR Secondary Radar (A/C, S)		
			4.4	Automatic Dependent Broadcasting Surveillance (ADS-B and ADS-C)		
			4.5	Multilateral Surveillance Systems (MLAT)		
			4.6	Surveillance Data Processing and Visualization Systems		
			4.7	Power Systems for Navigation Equipment		
			4.8	Contingency and emergency plans		
4.9	Documentation and authorizations applicable to Communication Systems					
5	Interoperability and Management of CNS Systems	Evaluate the interoperability of CNS systems and the procedures for their management and maintenance.	5.1	Manual del Civil Aviation Safety Inspector de ANS	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			5.2	Interoperability and Configuration of CNS Systems		
			5.3	Preventive and corrective maintenance of the systems		
			5.4	Failure management and systemic contingency plans		
6	Supervision and surveillance of CNS services	Conduct effective inspections and audits of AIS services to verify regulatory compliance.	6.1	Manual of the Civil Aviation Safety Inspector of OPS – Airworthiness	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			6.2	Planning, preparation and execution		
			6.3	Review and validation of CNS systems		
			6.4	Failures in CNS systems		
			6.5	Corrective Actions and Sanctions		
			6.6	Records and Documentation Management		
			6.7	Corrective Actions and Sanctions		
<b>Total Time:</b>					<b>78:00</b>	

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**GENERIC TRAINING PROGRAM - CIVIL AVIATION SAFETY INSPECTORS:  
APPELLANT – ANS / CNS (COMMUNICATIONS, NAVIGATION, AND SURVEILLANCE)**

**REFERENCES:** Annex 10, Annex 19, Doc. 8126, Doc. 8733, Doc. 9750, Doc. 9889, Doc. 10066.

# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	Amendments and Updates of ICAO and National International Aeronautical Legislation	Stay up-to-date on the latest trends and developments in CNS regulation	1.1	Amendments to ICAO and National Regulations	10:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			1.2	New Technologies and Equipment and their Impact on CNS, Networks and Satellite Communication		
			1.3	Policy Updates		
			1.4	International Harmonization		
2	Management and Maintenance of Communication Systems	Update inspectors' knowledge of communication system technology and maintenance	2.1	Manual del Civil Aviation Safety Inspector de ANS	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			2.2	Configuration and infrastructure		
			2.3	Types of maintenance		
			2.4	Maintenance Management		
			2.5	Documentation and authorizations applicable to Communication Systems		
3	Management and Maintenance of Navigation Systems	Updating inspectors' knowledge of navigation system technology and maintenance	3.1	Manual del Civil Aviation Safety Inspector de ANS	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			3.2	Configuration and infrastructure		
			3.3	Types of maintenance		
			3.4	Maintenance Management		

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
4	Management and Maintenance of Surveillance Systems	Updating inspectors' knowledge of surveillance system technology and maintenance	4.1	Manual del Civil Aviation Safety Inspector de ANS	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			4.2	Configuration and infrastructure		
			4.3	Types of maintenance		
			4.4	Maintenance Management		
			4.5	Documentation and authorizations applicable to Communication Systems		
5	Advanced Satellite and Navigation Systems and Your Security	Dive deeper into satellite-based navigation systems and recent systems	5.1	Updating GNSS Systems	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			5.2	Implementation of Performance-Based Navigation (PBN)		
			5.3	ADS-B and Surveillance		
			5.4	SWIM (System Wide Information Management)		
			5.5	Cybersecurity in CNS/ATM Systems		
7	Surveillance and Compliance	Stay up-to-date on surveillance processes	7.1	Inspections and Audits of CNS processes	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			7.2	Monitoring the maintenance of CNS systems		
			7.3	Issuance of reports and follow-up to audits.		
<b>Total Time:</b>					<b>40:00</b>	

**GENERIC TRAINING PROGRAM - CIVIL AVIATION SAFETY INSPECTORS:**  
**SPECIALIZED – ANS/CNS (COMMUNICATIONS, NAVIGATION, AND SURVEILLANCE)**

**REFERENCES:** Annex 10, Annex 19, Doc. 8126, Doc. 8733, Doc. 9750, Doc. 9889, Doc. 10066.

#	SPECIALIZED COURSE	LEARNING OBJECTIVE	RECURRENCE	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	SWIM System	Understanding SWIM Systems	24 months	40:00	Instructor of the Instruction Center

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#	SPECIALIZED COURSE	LEARNING OBJECTIVE	RECURRENCE	PARTIAL DURATION (hh:mm)	INSTRUCTOR
2	Quality Management in CNS Systems	Understanding of the implementation of Quality Management Systems in CNS systems	24 months	40:00	Instructor of the Instruction Center
3	Global Navigation Satellite System (GNSS) Course	Understanding GNSS Navigation Operations	24 months	40:00	Instructor of the Instruction Center
4	Performance-Based Navigation (PBN)	Understanding PBN Implementation	24 months	40:00	Instructor of the Instruction Center

**ANNEX 15 – ANS – AIS (AERONAUTICAL INFORMATION SERVICES)**

**ADVANCED – ANS / AIS – AERONAUTICAL INFORMATION SERVICES**

REFERENCES: Annex 15, Annex 19, Annex 4, Doc. 8126, Doc. 8733, Doc. 8697, Doc. 9750, Doc. 9889, Doc. 10066.

# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	ICAO and National International Aeronautical Legislation	Understand the international and national regulatory framework governing aeronautical information services	1.1	Annex 15, Annex 19, Annex 4 - ICAO	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			1.2	Doc. 8126, 8733, 8697, 9750, 9889, 10066		
			1.3	National Regulatory Framework Laws and Regulations		
			1.4	Applicable technical standards and provisions.		
			1.5	Manual del Civil Aviation Safety Inspector de ANS		
			1.6	Responsibilities of the Civil Aviation Safety Inspector		
			1.7	Principles of Air Navigation		
2	Aeronautical Publications	Understand the different types of aeronautical publications and their content and format requirements.	2.1	Manual del Civil Aviation Safety Inspector de ANS	12:00	Instructor of the Training Center / Instructor designated by the Civil
			2.2	Aeronautical Information Release (AIP)		
			2.3	Amendments and Supplements to the AIP		

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
			2.4	Aeronautical Information Circulars (AIC)		Aviation Authority
			2.5	Notification to Airmen (NOTAM)		
			2.6	Aeronautical Charts		
3	Verification and Validation of Aeronautical Information	Evaluate the procedures for the collection, verification and validation of aeronautical information.	3.1	Manual del Civil Aviation Safety Inspector de ANS	18:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			3.2	Sources of Aeronautical Information		
			3.3	AIS Equipment & Systems		
			3.4	Infrastructure and Data for AIS Systems		
			3.5	Data Collection		
			3.6	Verification of Data Accuracy and Integrity		
			3.7	Data Quality Management		
			3.8	Coordination between Data Providers and AIS		
4	Aeronautical Data Management (AMDB)	Understand the importance and requirements of aeronautical data management systems.	4.1	Aeronautical Data Management Systems	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			4.2	Structure and Content of AMDB Databases		
			4.3	AIS Data Integration with Other Systems		
			4.4	Data security		
5	Publication and Distribution	Supervise the procedures for the publication and timely distribution of aeronautical information.	5.1	Manual del Civil Aviation Safety Inspector de ANS	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			5.2	Publication of the AIP and amendments		
			5.3	NODAM		
			5.4	AIC and Aeronautical Charts		
			5.5	Distribution Media (Physical and Digital)		
			5.6	AIS Access Permissions and Availability		
			5.7	Confidentiality and sanctions		
6	Aeronautical Chart Specifications	Acquire a detailed knowledge of the technical specifications established in Annex 4 of the ICAO for the preparation of the different types of aeronautical charts.	6.1	Manual del Civil Aviation Safety Inspector de ANS	16:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			6.2	General design principles and symbology of aeronautical charts		
			6.3	Chart Types (Aerodromes, Obstacles, Area, Route, Approach, Departures, Arrival, Planning, Position, VFR)		
			6.4	Quality of Aeronautical Chart Information		
			6.5	Collection, verification and publication of Aeronautical Charts		
			6.6	Verification of the correct application of technical specifications in the design and production of letters.		
7		Conduct effective inspections and audits of	7.1	Manual del Civil Aviation Safety Inspector de ANS	12:00	Instructor of the Training

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
	Monitoring and monitoring of AIS services	AIS services to verify regulatory compliance.	7.2	Planning, preparation and execution		Center / Instructor designated by the Civil Aviation Authority
			7.3	Review and validation of publications and Letters		
			7.4	Review of agreements between AIS service provider and operators		
			7.5	AIS Amendments and Bulletins and Letters		
			7.6	Failures in AIS systems and information and Letters		
			7.7	Corrective Actions and Sanctions		
			7.8	Records and Documentation Management		
<b>Total Time:</b>					<b>94:00</b>	

**GENERIC TRAINING PROGRAM - CIVIL AVIATION SAFETY INSPECTORS:**

**APPELLANT – ANS / AIS – AERONAUTICAL INFORMATION SERVICES**

**REFERENCES:** Annex 15, Annex 19, Doc. 8126, Doc. 8733, Doc. 9750, Doc. 9889, Doc. 10066.

# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	Amendments and Updates of ICAO and National International Aeronautical Legislation	Stay up-to-date on the latest trends and developments in AIS and Aeronautical Charts regulation	1.1	Amendments to ICAO and National Regulations	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			1.2	New Technologies and Equipment and their Impact on AIS and Aeronautical Charts		
			1.3	Policy Updates		
			1.4	International Harmonization		
2	Aeronautical Information Management	Deepen the concepts and implementation of the Digital Aeronautical Information Service	2.1	Manual del Civil Aviation Safety Inspector de ANS	10:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			2.2	AIS Transition		
			2.3	Models and Data Exchange and Aeronautical Charts		
			2.4	AIS Data Security and Letters		

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
			2.5	Quality of AIS Information and Letters		
			2.6	Structure and Content of AMDB Databases		
3	Publication and Distribution	Review and update inspectors' knowledge of the distribution of aeronautical data management systems.	3.1	Manual del Civil Aviation Safety Inspector de ANS	10:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			3.2	Information Specification Versions		
			3.3	Distribution Media		
			3.4	Permissions, availability of access to AIS and Charters, their penalties		
				Integration and Coherence in Aeronautical Charts		
4	Quality Management Systems in AIS	Stay up-to-date on quality systems in AIS services	4.1	Manual del Civil Aviation Safety Inspector de ANS	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			4.2	Overview of Quality Management Systems		
			4.3	Structure of the Quality Management System in AIS Services		
			4.4	AIS Operational Processes		
			4.5	Evaluation of AIS systems		
7	Surveillance and Compliance	Stay up-to-date on surveillance processes	7.1	Inspections and Audits of AIS and Aeronautical Chart processes	04:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			7.2	Issuance of reports and follow-up to audits.		
<b>Total Time:</b>					<b>42:00</b>	

**GENERIC TRAINING PROGRAM - CIVIL AVIATION SAFETY INSPECTORS:**  
**SPECIALIZED – ANS / AIS – AERONAUTICAL INFORMATION SERVICES**

**REFERENCES:** Annex 15, Annex 19, Doc. 8126, Doc. 8733, Doc. 9750, Doc. 9889, Doc. 10066.

#	SPECIALIZED COURSE	LEARNING OBJECTIVE	RECURRENCE	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	SWIM System	Understanding SWIM Systems	24 months	40:00	Instructor of the Instruction Center
2	AIS Quality Management	Understanding of the implementation of Quality Management Systems in AIS systems	24 months	40:00	Instructor of the Instruction Center

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#	SPECIALIZED COURSE	LEARNING OBJECTIVE	RECURRENCE	PARTIAL DURATION (hh:mm)	INSTRUCTOR
3	Global Navigation Satellite System (GNSS) Course	Understanding GNSS Navigation Operations	24 months	40:00	Instructor of the Instruction Center
4	CNS Systems	Understanding CNS Systems	24 months	40:00	Instructor of the Instruction Center
5	Aeronautical Cartography	Understanding Aeronautical Chart Making	24 months	40:00	Instructor of the Instruction Center

## ANNEX 8 – AIR

### ADVANCED – AIR (AIRWORTHINESS)

**REFERENCES:** Annex 6, Part I, App. 5, 4 Part III, App. 1, 4, Annex 19, App. 1, 4.1 GM, Doc 8335, Doc 9683 Part 1, C6, Doc 9734 Part A, C3, Doc 9760 Part II, 4.5.5 & 4.5.6, Doc 9824 5.7

# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	ICAO and National Aeronautical Legislation	Understand the international and national regulatory framework governing airworthiness	1.1	Annex 8, Annex 19 - ICAO	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			1.2	Doc. 8335, 9683, 9734, 9760, 9824		
			1.3	National Regulatory Framework Laws and Regulations		
			1.4	Applicable technical standards and provisions.		
			1.5	Manual of the Civil Aviation Safety Inspector of OPS – Airworthiness		
			1.6	Responsibilities of the Civil Aviation Safety Inspector		
			1.7	Principles of Airworthiness		
2	Documentary certification	Understanding Airworthiness Document Certification Requirements	2.1	Maintenance manuals	06:00	
			2.2	Maintenance and reliability programs		
			2.3	Minimum Equipment List (MEL)		
3	Aircraft Certification	Understand the type certification and production process for aircraft and components.	3.1	Manual of the Civil Aviation Safety Inspector of OPS – Airworthiness	24:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			3.2	Type Certification (TC)		
			3.3	Production Certification (PC)		
			3.4	Certification of Components and Equipment		
			3.5	Design and Performance Requirements		

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
			3.6	Airworthiness Standards		
			3.7	Inspection and Approval Process		
4	Air Operator and Services Certification	Understand the Air Operator and Services Certification Process	4.1	Manual of the Civil Aviation Safety Inspector of OPS – Airworthiness	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			4.2	Documentary requirements		
			4.3	Analysis and validation		
			4.4	Issuance of certification		
5	Aircraft Maintenance Programs	Supervise and evaluate aircraft maintenance programs and procedures.	5.1	Manual of the Civil Aviation Safety Inspector of OPS – Airworthiness	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			5.2	Approval of Maintenance Programs		
			5.3	Approval of Maintenance Manuals		
			5.4	Maintenance Records		
			5.5	Authorization of Maintenance Organizations		
			5.6	Inspections and Release for Service		
			5.7	Reliability Control		
6	Modifications and Repairs	Evaluate and approve modifications and repairs made to aircraft.	5.1	Manual of the Civil Aviation Safety Inspector of OPS – Airworthiness	12:00	
			5.2	Major and Minor Modifications		
			5.3	Approvals for Modifications and Repairs		
			5.4	Supplementary Type Certificates		
			5.5	Structural Integrity Assessment		
			5.6	Composite materials		
			5.7	Non-Destructive Testing		
			5.8	Post-Modification/Repair Inspections		
7	Supervision and Surveillance	Conduct effective inspections and verifications of in-flight operations to verify compliance with regulations	7.1	Manual of the Civil Aviation Safety Inspector of OPS – Airworthiness	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			7.2	Certificate of Airworthiness (CoA)		
			7.3	Periodic Inspections		
			7.4	Airworthiness Directives (AD)		
			7.5	Service Bulletins (SB)		
			7.6	Structure, Systems, and Engine Inspections		
			7.7	Corrective Actions and Sanctions		
			7.8	Records and Documentation Management		
<b>Total Time:</b>					<b>90:00</b>	

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**GENERIC TRAINING PROGRAM - CIVIL AVIATION SAFETY INSPECTORS:  
APPELLANT – AIR (AIRWORTHINESS)**

**REFERENCES:** Annex 6, Part I, App. 5, 4 Part III, App. 1, 4, Annex 19, App. 1, 4.1 GM, Doc 8335, Doc 9683 Part 1, C6, Doc 9734 Part A, C3, Doc 9760 Part II, 4.5.5 & 4.5.6, Doc 9824 5.7

# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	Amendments and Updates of ICAO and National International Aeronautical Legislation	Stay up-to-date on the latest trends and developments in airworthiness regulation	1.1	Amendments to ICAO and National Regulations	08:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			1.2	New Technologies and Equipment and their Impact on Airworthiness		
			1.3	Policy Updates		
			1.4	International Harmonization		
2	Certifications	Stay up-to-date on processes for operator and aircraft certification	2.1	Manual of the Civil Aviation Safety Inspector of OPS – Airworthiness	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			2.2	Operator's manuals		
			2.3	Maintenance and reliability programs		
			2.4	Minimum Equipment List (MEL)		
			2.5	Type Certifications		
			2.6	Inspection and Approval Process		
3	Reliability-Centered Maintenance (RCM)	Stay up-to-date on the principles and application of Reliability-Centered Maintenance to optimize maintenance programs.	3.1	Review of RCM principles	10:00	Instructor of the Training Center / Instructor designated by the Civil
			3.2	2.2 Application of RCM to aircraft systems and components		
			3.3	2.3 Evaluation of the effectiveness of maintenance programmes		

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
			3.4	2.4 Component Life Management		Aviation Authority
4	Structural Integrity of Modifications and Repairs	Strengthen understanding of the principles of structural integrity management and structural failure prevention.	4.1	Non-Destructive Testing and Inspection Technologies	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			4.2	Fracture mechanics and fatigue of materials		
			4.3	Stress and strain analysis methods		
			4.4	Structural Integrity Inspection Programs		
			4.5	Structural damage assessment and repairs		
5	Aircraft Technologies	Introduce inspectors to the latest trends and developments in aircraft design and technology	5.1	New materials and manufacturing processes	08:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			5.2	Advances in avionics and flight control systems		
			5.3	Unmanned Aircraft (UAS) and Their Impact on Airworthiness		
			5.4	Sustainability and energy efficiency in aircraft		
7	Surveillance and Compliance	Stay up-to-date on surveillance processes	7.1	Inspections and Audits of Airworthiness processes	04:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			7.2	Issuance of reports and follow-up to audits.		
<b>Total Time:</b>					<b>44:00</b>	

**GENERIC TRAINING PROGRAM - CIVIL AVIATION SAFETY INSPECTORS:  
SPECIALIZED – PAHO (GROUND)**

**REFERENCES:** Annex 6, Part I, App. 5, 4 Part III, App. 1, 4, Annex 19, App. 1, 4.1 GM, Doc 8335, Doc 9683 Part 1, C6, Doc 9734 Part A, C3, Doc 9760 Part II, 4.5.5 & 4.5.6, Doc 9824 5.7

#	SPECIALIZED COURSE	LEARNING OBJECTIVE	RECURRENCE	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	EDTO Special Operations	Understanding Special Operations	24 months	40:00	Instructor of the Instruction Center
2	RVSM Special Operations	Understanding Special Operations	24 months	40:00	Instructor of the Instruction Center

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#	SPECIALIZED COURSE	LEARNING OBJECTIVE	RECURRENCE	PARTIAL DURATION (hh:mm)	INSTRUCTOR
3	Special Operations at AWO (CAT II, CAT III)	Understanding Special Operations	24 months	40:00	Instructor of the Instruction Center
4	Special Operations PBN, RNAV, RNP	Understanding Special Operations	24 months	40:00	Instructor of the Instruction Center
5	Type of Aircraft Fixed Wing or Rotary Wing	Understanding an Aircraft Configuration	24 months	Depends on the provider	Instructor of the Instruction Center
6	Aircraft Maintenance Reliability	Understanding Special Operations	24 months	40:00	Instructor of the Instruction Center
7	Non-Destructive Testing (NDT)	Understanding Special Operations	24 months	40:00	Instructor of the Instruction Center
8	Airworthiness Supervision / Part 3	Understanding Part 3	24 months	40:00	Instructor of the Instruction Center
9	Aircraft Systems - Avionics	Understanding the Avionics Configuration	24 months	40:00	Instructor of the Instruction Center

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**ANNEX 15**

**ADVANCED – ANS / ATS (AIR TRAFFIC SERVICES)**

REFERENCES: Annex 2, Annex 11, Doc. 4444, Doc.9426, Doc.9613, Doc. 9859

# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	ICAO and National Aeronautical Legislation	Understand the international and national regulatory framework governing air traffic services	1.1	Annex 2, Annex 11 - ICAO	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			1.2	Doc. 4444, 9426, 9613, 9859		
			1.3	National Regulatory Framework Laws and Regulations		
			1.4	Applicable technical standards and provisions.		
			1.5	Manual del Civil Aviation Safety Inspector de ATS		
			1.6	Responsibilities of the Civil Aviation Safety Inspector		
			1.7	Principles of Air Traffic Services		
2	Air Traffic Services (ATS) Verification	Develop the skills necessary to plan, execute and document effective inspections of air traffic agencies and service providers, ensuring compliance with regulations.	2.1	Manual del Civil Aviation Safety Inspector de ANS	24:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			2.2	Airspace classification and its implication in ATS services.		
			2.3	Air Traffic Control (ATC) Service: aerodrome, approach and area control procedures.		
			2.4	Flight Information Service (FIS).		
			2.5	Coordination between ATS units and with other services (meteorology, communications, etc.).		
			2.6	Emergency and contingency procedures in the ATS.		
			2.7	Surveillance processes		
			2.8	ATS Compliance Assessment		
3	Operational Safety Management (SMS) in ATS	Understand the principles and implementation of Safety Management Systems (MSS) in air traffic service provider organizations, and the role of the inspector in their supervision.	3.1	Manual del Civil Aviation Safety Inspector de ANS	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			3.2	ICAO Requirements for SMS in ATS (Doc 9859).		
			3.3	Operational safety risk management: identification, analysis and mitigation. In ATS services		
			3.4	Operational Safety Assurance		
			3.5	Verification of SMS systems in the ATS		
4	Quality Management Systems (QMS) in Air Traffic Services	Understand the importance and requirements of quality management systems in the provision of air traffic services	4.1	Manual del Civil Aviation Safety Inspector de ANS	06:00	Instructor of the Training Center / Instructor designated by the Civil
			4.2	Principles of Quality Management and ISO Standard		
			4.3	Structure and implementation of the Quality Management System in Aeronautical Meteorology		

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
			4.4	Quality Management System Processes at ATS		Aviation Authority
5	Supervision and surveillance of Air Traffic services	Conduct effective inspections and audits of ATS services to verify regulatory compliance.	5.1	Manual of the Civil Aviation Safety Inspector of OPS – Airworthiness	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			5.2	Planning, preparation and execution		
			5.3	Review and validation of Aeronautical Meteorology systems		
			5.4	Failures in Meteorology Systems		
			5.5	Corrective Actions and Sanctions		
			5.6	Records and Documentation Management		
			5.7	Corrective Actions and Sanctions		
<b>Total Time:</b>					<b>66:00</b>	

**ADVANCED – ANS / PANS-OPS (PROCEDURES FOR AIR NAVIGATION SERVICES – AIRCRAFT OPERATIONS)**

REFERENCES: Annex 11, Doc. 8168, Doc. 9613, Doc. 9905, Doc. 9906

# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	ICAO and National International Aeronautical Legislation	Understand the international and national regulatory framework governing meteorology operations	1.1	Annex 11 - ICAO	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			1.2	Doc. 8168, 9613, 9905, 9906		
			1.3	National Regulatory Framework Laws and Regulations		
			1.4	Applicable technical standards and provisions.		
			1.5	Manual del Civil Aviation Safety Inspector de ANS		
			1.6	Responsibilities of the Civil Aviation Safety Inspector		
			1.7	Principles of PANS-PAHO		
2	PANS-OPS Flight Procedures Verification	Understand the standard flight procedures described in the PANS-OPS, including general criteria and specific approach, departure and waiting procedures for surveillance.	2.1	Manual del Civil Aviation Safety Inspector de ANS	24:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			2.2	Development of Non-Precision Approximations (NPA) procedures: VOR, NDB, LOC, SRA.		
			2.3	Development of Vertical Guided Approaches (APV) PROCEDURES: BARO-VNAV, APV/SBAS.		
			2.4	Development of Precision Approximations (PA) PROCEDURES: ILS, MLS, GLS.		
			2.5	Development of procedures with continuous vertical guidance (CDFA).		

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
			2.6	Preparation of Instrument Exit Procedures (SID).		
			2.7	Preparation of Standard Arrival Procedures (STAR).		
			2.8	Waiting procedures and frustrated approach.		
			2.9	Surveillance processes		
			2.10	Assessment of PANS-OPS Compliance		
3	Obstacles and their treatment in PANS-PAHO	Understand the criteria for the construction of obstacles and the establishment of obstacle limitation surfaces (OLS), as well as the methods for evaluating and treating obstacles that penetrate such surfaces, according to Volume II of the PANS-PAHO.	3.1	Manual del Civil Aviation Safety Inspector de ANS	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			3.2	Obstacle Limitation Surface (OLS) at Aerodromes		
			3.3	Evaluation of obstacles for approaches and exits.		
			3.4	Calculation of obstacle margins.		
			3.5	Impact of obstacles in PANS-OPS procedures.		
4	Quality Management Systems (QMS) in the PANS-PAHO	Understand the importance and requirements of quality management systems in the development of PANS-OPS	4.1	Manual del Civil Aviation Safety Inspector de ANS	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			4.2	Principles of Quality Management and ISO Standard		
			4.3	Structure and implementation of the Quality Management System in PANS-OPS		
			4.4	Quality Management System Processes in PANS-OPS		
5	Supervision and surveillance of Air Traffic services	Conduct effective inspections and audits of ATS services to verify regulatory compliance.	5.1	Manual of the Civil Aviation Safety Inspector of OPS – Airworthiness	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			5.2	Planning, preparation and execution		
			5.3	Review and validation of PANS-OPS procedures		
			5.4	Reliability Failures of PANS-OPS Procedures		
			5.5	Corrective Actions and Sanctions		
			5.6	Records and Documentation Management		
			5.7	Corrective Actions and Sanctions		
<b>Total Time:</b>					<b>60:00</b>	

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**GENERIC TRAINING PROGRAM - CIVIL AVIATION SAFETY INSPECTORS:  
APPELLANT – ANS / PANS-OPS (PROCEDURES FOR AIR NAVIGATION SERVICES – AIRCRAFT OPERATIONS)**

**REFERENCES:** Annex 11, Doc. 8168, Doc. 9613, Doc. 9905, Doc. 9906

# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	Amendments and Updates of ICAO and National International Aeronautical Legislation	To strengthen inspection skills specific to the PANS-OPS field and to present new methodologies and approaches for more effective supervision of the design and implementation of flight procedures and obstacle management.	1.1	Amendments to ICAO and National Regulations	10:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			1.2	Technologies and Equipment and their Impact on PANS-OPS		
			1.3	Best Practices in PANS-OPS		
			1.4	Risk-based and performance-based inspection approaches in the field of flight procedures.		
			1.5	Policy Updates		
			1.6	International Harmonization		
2	Procedure developments and obstacle management	Familiarize inspectors with the latest technological, operational, and conceptual trends in flight procedure design and obstacle management globally.	2.1	Advances in the application of Performance-Based Air Traffic Management (PBN) and its integration with PANS-OPS.	08:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			2.2	GNSS-based procedures (GBAS, SBAS) and their implications in PANS-OPS design.		
			2.3	Safety and efficiency of procedures		
			2.4	Procedures for new aircraft categories and operations.		

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
7	Surveillance and Compliance	Stay up-to-date on surveillance processes	7.1	Inspections and Audits of PANS-OPS service processes	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			7.2	Monitoring the maintenance of PANS-OPS systems		
			7.3	Issuance of reports and follow-up to audits.		
<b>Total Time:</b>					<b>30:00</b>	

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**SPECIALIZED – ANS / PANS-OPS (PROCEDURES FOR AIR NAVIGATION SERVICES – AIRCRAFT OPERATIONS)**

**REFERENCES:** Annex 11, Doc. 8168, Doc. 9613, Doc. 9905, Doc. 9906

#	SPECIALIZED COURSE	LEARNING OBJECTIVE	RECURRENCE	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	Performance-Based Air Traffic Management (PBN) for Inspectors	Understanding PBN Procedures	24 months	40:00	Instructor of the Instruction Center
3	Airspace planning	Understanding Airspace Planning	24 months	30:00	Instructor of the Instruction Center

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**GENERIC TRAINING PROGRAM - CIVIL AVIATION SAFETY INSPECTORS:  
ADVANCED – AE (AIRDROMES)**

REFERENCES: Annex 14, Doc. 9184, Doc. 9734, Doc. Tel. 9774

# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	ICAO and National International Aeronautical Legislation	Understand the international and national regulatory framework governing airfield operations	1.1	Annex 14 - ICAO	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			1.2	Doc. 9184, 9734, 9774		
			1.3	National Regulatory Framework Laws and Regulations		
			1.4	Applicable technical standards and provisions.		
			1.5	Manual del Civil Aviation Safety Inspector de Airdrome		
			1.6	Responsibilities of the Civil Aviation Safety Inspector		
			1.7	Aerodrome Principles		
2	Aerodrome Design and Planning (Volume I and II of Annex 14)	Acquire a detailed knowledge of the aerodrome design and planning criteria set out in ICAO Annex 14, Volumes I and II.	2.1	Manual del Civil Aviation Safety Inspector de Airdrome	18:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			2.2	Aerodrome classification		
			2.3	Physical characteristics of the runways (length, width, slope, resistance, surface, taxiways, strips)		
			2.4	Obstacle-free areas (OLS) and declared distances		
			2.5	Electrical and utility configuration		
			2.6	Maintenance		
			2.7	Heliport Classification		
			2.8	Contacts and approaches		
			2.9	Visual navigation aid systems for heliports.		
			2.10	Visual navigation aid systems for heliports.		
			2.11	Aerodrome and heliport design surveillance		
3	Aerodrome Operations	Understand the operational and maintenance requirements of aerodromes set out in ICAO Annex 14.	3.1	Manual del Civil Aviation Safety Inspector de Airdrome	06:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			3.2	Visual navigation aid systems		
			3.3	Obstacle control.		
			3.4	Rescue and Fire Fighting Services (SSEI). Wildlife management and control		
			3.5	Emergency plan		
				Safety management systems (SMS) in aerodromes.		
4	Aerodrome Operating Permits (Certification)	Understand the operational requirements	4.1	Manual del Civil Aviation Safety Inspector de Airdrome	12:00	Instructor of the Training

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
		for airfield operating permit management	4.2	Aerodrome Manuals		Center / Instructor designated by the Civil Aviation Authority
			4.3	Exceptions		
			4.4	Issuance and renewal of the operating certificate/license		
5	Aerodrome Supervision and Surveillance	Develop the skills necessary to plan, execute and document effective inspections of aerodromes and heliports, ensuring compliance with ICAO regulations and national regulations.	5.1	Manual del Civil Aviation Safety Inspector de Airdrome	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			5.2	Planning, preparation and execution		
			5.3	Review and validation of compliance with Annex 14 and national regulations		
			5.4	Failures in design, planning, and operation of airfields		
			5.5	Corrective Actions and Sanctions		
			5.6	Records and Documentation Management		
			5.7	Corrective Actions and Sanctions		
<b>Total Time:</b>					<b>60:00</b>	

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**APPELLANT – AE (AIRDROMES)**

REFERENCES: Annex 14, Doc. 9184, Doc. 9734, Doc. Tel. 9774

# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	Amendments and Updates of ICAO and National International Aeronautical Legislation	Know and understand the latest amendments, additions and modifications to ICAO Annex 14 (Airfields) and related national regulations.	1.1	Amendments to ICAO and National Regulations	10:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			1.2	New Technologies and Equipment and their Impact on Aerodromes		
			1.3	Best practices in aerodrome design and operation		
			1.4	Risk-based and performance-based inspection approaches in the aerodrome field		
			1.5	Policy Updates		
			1.6	International Harmonization		
2	Aerodrome Operations	Review and update knowledge about operation, emergency and contingency procedures at aerodromes, and the role of the inspector in their supervision and evaluation.	2.1	Visual navigation aid systems	08:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			2.2	Obstacle control.		
			2.3	Rescue and Fire Fighting Services (SSEI).		
			2.4	Wildlife management and control		
			2.5	Evaluation of the effectiveness of aerodrome contingency plans.		
7	Surveillance and Compliance	Stay up-to-date on surveillance processes	7.1	Emergency plan	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			7.2	Monitoring the implementation of aerodrome systems, operation and maintenance		
			7.3	Issuance of reports and follow-up to audits.		
<b>Total Time:</b>					<b>30:00</b>	

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REFERENCES: Annex 14, Doc. 9184, Doc. 9734, Doc. Tel. 9774

#	SPECIALIZED COURSE	LEARNING OBJECTIVE	RECURRENCE	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	Aerodrome Certification	Understanding PBN Procedures	24 months	40:00	Instructor of the Instruction Center
3	Worldwide Notice of Terms and Conditions Format Track (GRF)	Understanding Airspace Planning	Single Occasion	40:00	Instructor of the Instruction Center
4	Operational Safety Risk Management	Understanding Risk Management in Airport Operations	24 months	40:00	Instructor of the Instruction Center
5	Wildlife Control and Avian Danger	Understanding Wildlife Control Management	24 months	40:00	Instructor of the Instruction Center

**GENERIC TRAINING PROGRAM - CIVIL AVIATION SAFETY INSPECTORS:**  
**APPELLANT – ANS / ATS (AIR TRAFFIC SERVICES)**

REFERENCES: Annex 2, Annex 11, Doc. 4444, Doc.9426, Doc.9613, Doc. 9859

# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	Amendments and Updates of ICAO and National International Aeronautical Legislation	Stay up-to-date on the latest trends and developments in ATS regulation	1.1	Amendments to ICAO and National Regulations	10:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			1.2	Overview of Technologies and Equipment and their Impact on ATS Systems		
			1.3	Best Practices in ATS Services		
			1.4	Policy Updates		
			1.5	International Harmonization		
2	Tracking ATS service developments	Familiarize inspectors with the latest technological, operational and conceptual trends in the provision of air traffic services globally.	2.1	Manual del Civil Aviation Safety Inspector de ANS	12:00	Instructor of the Training Center / Instructor designated by the Civil
			2.2	PBN Processes		
			2.3	Approximation Processes		

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# MODULE	MODULE	LEARNING OBJECTIVE	# SUB-THEME	SUBTOPICS	PARTIAL DURATION (hh:mm)	INSTRUCTOR
			2.4	Integration of unmanned systems (UAS/drones) in airspace and their impact on ATS.		Aviation Authority
			2.5	Cybersecurity in ATS systems.		
7	Surveillance and Compliance	Stay up-to-date on surveillance processes	7.1	Inspections and Audits of ATS service processes	12:00	Instructor of the Training Center / Instructor designated by the Civil Aviation Authority
			7.2	Monitoring the maintenance of ATS systems		
			7.3	Issuance of reports and follow-up to audits.		
<b>Total Time:</b>					<b>28:00</b>	

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SPECIALIZED – ANS / ATS (AIR TRAFFIC SERVICES)**

**REFERENCES:** Annex 2, Annex 11, Doc. 4444, Doc.9426, Doc.9613, Doc. 9859

#	SPECIALIZED COURSE	LEARNING OBJECTIVE	RECURRENCE	PARTIAL DURATION (hh:mm)	INSTRUCTOR
1	Performance-Based Air Traffic Management (PBN) for Inspectors:	Understanding PBN Procedures	24 months	40:00	Instructor of the Instruction Center
2	Automatic Dependent Surveillance Systems - Broadcasting (ADS-B) and their Supervision	Understanding the implementation of ADS-B Systems	24 months	40:00	Instructor of the Instruction Center
3	Quality Management in Air Traffic Services	Understanding Quality Systems in ATS	24 months	30:00	Instructor of the Instruction Center