

CAE e-Learning Pilot GOS

www.caelearning.com



As part of our suite of e-Learning courses, CAE offers a wide range of general operating subjects (GOS) to cover aeronautical knowledge that is not addressed in type-specific training. Whether delivered for initial, transition or recurrent training, these courses aim at increasing flight safety by broadening and refreshing pilots' knowledge about their environment and by ensuring that throughout the course, the focus remains on the operational aspects of the subject.

Advanced CRM-TEM – Initial

This course describes the different elements of CRM-TEM and their role in ensuring safe flying conditions.

Advanced CRM-TEM – Recurrent

This lesson identifies the different elements of CRM-TEM and describes the major elements in importance to flight safety.

Advanced Jet Upset Recovery

This course delivers crucial information from the airplane upset recovery training aid. (URTA) – Rev 2.

Airports and Runways

These lessons introduce the norms and standards used at airports as well as practices that can enhance the safety and efficiency of airport operations.

Automated Dependant Surveillance Broadcast (ADS-B)

This module explains the concepts, systems and safety benefits of ADS-B.

Basic Aerodynamics

This module covers topics such as lift, weight, thrust and drag.

Charts, Maps and Airspace

This course is designed to provide pilots with information needed to operate safely on airport surfaces.

Clear Air Turbulence (CAT)

This module introduces you to particular weather and aerodynamics problems.

Cold Weather Operations

This module familiarizes you with the challenges presented during winter flying.

Controlled Flight into Terrain (CFIT)

This course helps you understand the causes of CFIT accidents and familiarizes you with flight crew techniques designed to avoid them.

CRM-TEM Crew Resource Management and Threat and Error Management

This module discusses TEM countermeasures, practical TEM and departure and approach briefings.

Dangerous Goods – Initial

This course explains the DGR Manual and the regulations that govern the transportation of dangerous goods by air.

Dangerous Goods – Recurrent

This course will refresh you on your role in accepting and handling dangerous goods and responding to emergencies and incidents.

Earth Orientation

Topics related to earth's movement, time standards, time zones, maps and charts, natural and man made earth surfaces.

Extended Range with Twin Engine Aircraft Operations (ETOPS)

This module covers regulations, procedures and safety considerations that should be performed during ETOPS operations.



For information about other CAE e-Learning Courses, visit: <http://www.caelearning.com/>



High Altitude Operations Package

This course is designed to meet the training requirements for operations during high-altitude/high-speed flight.

High Altitude Physiology

This module examines how environmental and health Factors can affect a pilot's performance. Explains specific Effects of various conditions on vision and consciousness.

High Altitude Weather

This module introduces pilots to challenges related to high altitude flying, jet streams, mountain waves and volcanic ash.

High Altitude, High Speed Aerodynamics

This lesson introduces some basic aerodynamic principles and high speed problems.

Jet Upset Recovery

This module describes procedures for recovery from upset situations.

Land and Hold Short Operations (LAHSO)

This module introduces you to criteria and safety considerations needed to perform LAHSO.

Low Visibility Operations (LVO)

This course explores low visibility operations, its concepts and procedures.

Minimum Equipment List and Configuration Deviation List (MEL-CDL)

This module will help you determine when, and under what conditions you can fly an aircraft with inoperative or missing equipment.

Minimum Navigation Performance Specifications (MNPS)

This module familiarizes you with documentation, route Systems, communication and contingency procedures that are associated with MNPS.

Polar Routes

This module covers the regulations and considerations that you should be aware of before flying polar routes.

Pre-Flight Planning

This module covers the various aspects of planning required for safe and efficient conduct of any flight.

Radios and Communications

This course explains the principles of good communication amongst crew members and with the ground.

Reduced Vertical Separation Minimum (RVSM)

This course covers RVSM principle, checklist, rules of communication and contingency procedures.

Required Navigation Performance (RNP)

This module familiarizes you with the design and architecture of the RNP system.

Required Navigation Performance – Precision Area Navigation (RNP-PRNAV)

This course is designed to meet the training requirements for operating in a RNAV environment. Topics include RNAV and SAAAR approaches.

Required Navigation Performance, Area Navigation (RNP RNAV)

This module will familiarize you with the expanded RNP specification which allows RNP to be used for Additional phases of flight and ground operations.

Surface Movement Guidance and Control Systems (SMGCS)

This module explains the general procedures and indicators for a SMGCS operation at night or in low visibility conditions.

Traffic Alert and Collision Avoidance System (TCAS) II Version 7

This course explains the functionality, controllers and displays of the traffic alert and collision avoidance system.

VFR Navigational Plotting and Dead Reckoning

This module provides the theoretical basis for VFR Navigation and Dead-Reckoning. VFR flight planning and navigation skills.

Weather Theory

This module explains the fundamentals of weather theory, and the risks that weather can pose.