



Cessna Citation C500/C550/C560 Differences Training

This course has been designed IAW the requirements of CASA Instrument “Prescription of aircraft and ratings”. It covers the differences training required (DTR) for the following variants of the C500/C550/C560 aircraft types;

Manufacturer	Aeroplane Models and variants	Differences Training Required	Type Ratings
Cessna	C500	DTR	C500/C550/C560 SP or C500/C550/C560
	C501		
	C550 (all models excluding Bravo) C551 Series		
	C560V		
	C550 Bravo		
	C560 Ultra		
	C560 Encore		
C560 Encore +			

Upon completion of the Differences Course, students will have the necessary knowledge and skills to demonstrate that they are competent in the operation of the other aircraft type. Completion of the course will satisfy the requirements for an IPC and flight review.

The C500/C550/C560 Differences Training is a 5-day program and is conducted at our Simulator and Flight Training Centre located on the Sunshine Coast in Queensland, Australia utilising Flight Options aircraft or customer supplied aircraft at their location dependent upon which differences training is required.

To be eligible to commence the Differences Training Course, you must hold at least:

- Appropriate Type Rating – C500/C550/C560 endorsement;
- Current Class 1 or 2 Medical

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 Approval # CASA.142 FTO.0017

Course Module

Ground School	20.0 hours
Briefing / Debriefing	3.5 hours
Aircraft	2.0 hours
Instrument Proficiency Check	2.0 hours
TOTAL	5 days

Course Overview

Ground School

This curriculum will provide the necessary understanding of the basic functions of aircraft systems, the use of individual system controls, and the integration of aircraft systems with operational procedures in order to prepare for the flight training curriculum.

- Aircraft General
- Electrical Power Systems
- Lighting
- Master Warning System
- Fuel System
- Powerplant
- Fire Protection
- Pneumatics
- Ice and Rain Protection
- Air-Conditioning
- Pressurisation
- Hydraulic Power Systems
- Landing Gear and Brakes
- Flight Controls
- Oxygen and other systems
- Avionics
- Flight Planning
- Weight and Balance
- Performance

At the end of the ground school, the pilot must demonstrate adequate knowledge to pass a written exam on aircraft systems, flight planning, weight and balance, and performance.

Systems Integration

The objective of this lesson is to ensure the candidate is familiar with and competent with the aircraft pre-flight procedures, cockpit environment, avionics, use of checklists, CRM events, and manoeuvres.

- Aircraft Pre-Flight Walkaround
- Aircraft Servicing
- Aircraft Documentation
- Cockpit familiarisation and procedures
- Cockpit Resource Management Events
- Manoeuvres Review

Aircraft Flight Lesson

The Objective of this lesson is to develop and review pilot proficiency in aircraft operations with selected systems malfunctions utilising normal, abnormal, and emergency procedures in preparation for the Instrument Proficiency Check (IPC).

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