



## Cessna Citation C510 Recurrent Training

The Mustang C510 Recurrent Training Program is designed for pilots that regularly fly the aircraft and are required to complete a recurrent training program.

The objective of the Simulator Recurrent Training is to provide a structured program based on evidence-based training principles planning training elements that are regularly practiced. It is divided into three components:

- Aircraft systems and performance review;
- Two simulator training exercises each covering a section of the training; and
- An Instrument Proficiency Check (IPC).

The Mustang C510 Recurrent Training Program is a 5-day program and is conducted at our Simulator and Flight Training Centre located on the Sunshine Coast in Queensland, Australia. Pilots will have access to a full motion Level D C510 simulator on site to complete their training.

To be eligible to commence a Mustang C510 Recurrent Training course, you must hold at least:

- C510 Type Rating
- Current Aviation Medical

[www.flightoptions.com.au](http://www.flightoptions.com.au)

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# Course Module

Ground School	16.0 hours
Briefing / Debriefing	4.5 hours
Simulator (pilot flying)	4.0 hours
Proficiency Check	2.0 hours
<b>TOTAL</b>	<b>5 days</b>

## 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.

### Simulator Sessions

The simulator training program will involve both normal and abnormal scenario based training to be completed to a competency level expected at each stage of the recurrent process. There will be two simulator sessions, with each simulator session taking approximately 4 hours (2 hours for single pilot) with an additional hour and a half for briefing.

- Normal / Abnormal Operations (FFS)
- Pre-Test (FFS)

At the end of the simulator sessions, the pilot will be required to complete an Instrument Proficiency Check (IPC) to a competent standard prior to being issued a course completion certificate and IPC endorsement on their CASA license (as applicable).

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