MULTI ENGINE CLASS RATING
OPEN THE DOOR TO A BIGGER WORLD OF FLIGHT TRAINING

LEARN TO FLY

EXPAND YOUR FLYING CAPABILITIES

A Multi-Engine Class Rating allows you to expand your flying capabilities to twin-engine aircraft, which is **an essential step if you're looking at a professional career in aviation.**

Flying a "twin" offers the added safety of a second engine, should one suffer any issues in flight. It also allows you to consider flights over significantly longer distances.

The training syllabus covers operation in normal Visual Flight Rules (VFR) flying conditions, as well as engine failure procedures and asymmetric flight techniques. To start this course you will need to hold either a **Private Pilot Licence (PPL)** or **Commercial Pilot Licence (CPL)**.

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CHOOSE BETWEEN MODERN AND TRADITIONAL MULTI-ENGINE AIRCRAFT

Learn To Fly Melbourne is **the only Victorian flight school to offer this course in the state-of-the-art Diamond DA42 Twin Star aircraft.** This modern and cutting-edge aircraft is one of the world's best light twins, with features including a Garmin G1000 glass cockpit, and is described by pilots as a pleasure to fly.
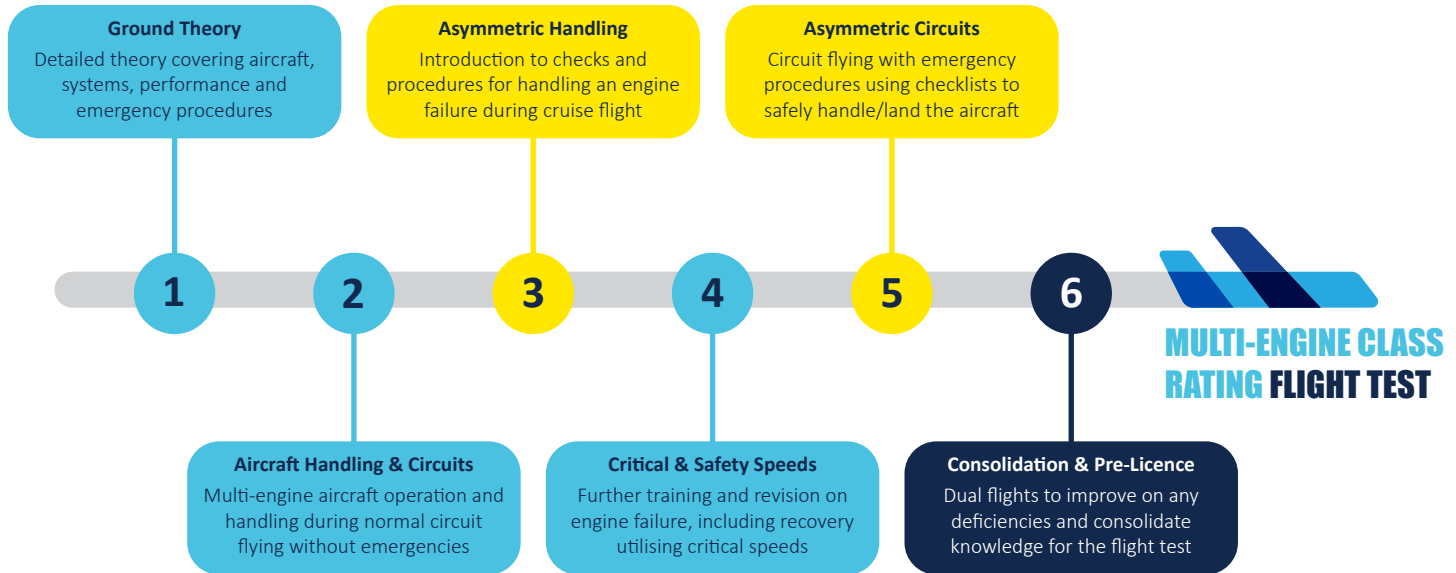
For those looking to train in a more traditional aircraft, we also have the popular Piper PA44 Seminole available. Many of our students opt to gain some experience with both.

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TRAINING PROCESS
& COURSE SYLLABUS

MULTI-ENGINE CLASS RATING
TRAINING PROCESS

1

Ground Theory
Detailed theory covering aircraft, systems, performance and emergency procedures

2

Aircraft Handling & Circuits
Multi-engine aircraft operation and handling during normal circuit flying without emergencies

3

Asymmetric Handling
Introduction to checks and procedures for handling an engine failure during cruise flight

4

Critical & Safety Speeds
Further training and revision on engine failure, including recovery utilising critical speeds

5

Asymmetric Circuits
Circuit flying with emergency procedures using checklists to safely handle/land the aircraft

6

Consolidation & Pre-Licence
Dual flights to improve on any deficiencies and consolidate knowledge for the flight test

MULTI-ENGINE CLASS RATING FLIGHT TEST

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MULTI-ENGINE CLASS RATING - COURSE SYLLABUS

Ground Theory

Detailed introduction to the aircraft, normal operation of systems and malfunctions, performance and limitations, load and balance and servicing, and emergency procedures.

General Handling & Circuits

In these lessons you will conduct pre-flight inspections and learn how to fly a twin engine aircraft, looking at how the aircraft handles in normal flight with no failures or emergencies.

Introduction to Asymmetric Flight

In this lesson we will conduct engine failures during cruise flight, and look at how the aircraft handles, as well as introduce the checks needed to deal with emergency situations like this.

Critical & Safety Speeds

We will further revise engine failure during flight, utilising the check procedures learnt in the previous lesson, with particular focus on the critical speeds required to recover from this situation.

Asymmetric Circuits

We now introduce emergency situations and procedures into circuit flying and practice handling and landing the aircraft safely by using the checks we have learnt.

Consolidation & Flight Test

You will conduct consolidation flights with your instructor to identify and rectify any deficiencies prior to the flight test. The flight test is a 1.5 hour solo flight covering all aspects of the syllabus.

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MULTI-ENGINE CLASS RATING
COURSE DURATION

FULL TIME 2-3 WEEKS
Flying and studying 4-5 days per week

PART TIME 6-8 WEEKS
Flying and studying 1-2 days per week

*Average duration based on past students. Course duration will depend entirely on individual student time committment.

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AIRCRAFT SELECTION

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DA42
Diamond Aircraft

Continental CD-135 Engine x 2

FADEC single lever power controls

Garmin G1000 Avionics

Maximum Take-Off Weight (MTOW) 2000kgs

Cruising Speed 150kts @ 60% Power

4 Seater

PA44 SEMINOLE
Piper

2 × Lycoming O-360-E1A6 Engines

Garmin G430 Avionics + Analogue Instruments

Maximum Take-Off Weight (MTOW) 1700kgs

Cruising Speed 162kts @ 70% Power

4 Seater

FLIGHT PACKAGE & AIRCRAFT OPTIONS

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MULTI-ENGINE CLASS RATING
FLIGHT PACKAGE

Package	Piper Seminole	Diamond DA42
Practical Flight Training (Dual)	6.5 Hours	6.5 Hours
Ground School & Briefings	6 Hours	6 Hours
Multi-Engine Class Rating Flight Test Solo Hire	1.5 Hours	1.5 Hours
Flight Test Fee	✓	✓
Multi-Engine Class Rating	✓	✓
COST (Option 1 - Upfront Payment)	$6,795	$8,395
COST (Option 2 - SplitIt Interest Free Instalments)	$2,265 x 3 Monthly Instalments	$2,799 x 3 Monthly Instalments

splitit

Prices are in AUD and are subject to change. You will be charged based on the current pricing schedule at the time of booking. Current as at December 2023. **SplitIt** allows you to split your costs over multiple interest free monthly instalments. Visit www.learntofly.edu.au/splitit for full details.

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MULTI-ENGINE CLASS RATING
PAY AS YOU FLY PRICING

	Piper Seminole	Dual & Supervised Solo $695/hr Private Hire for Flight Test $595/hr
	Diamond DA42	Dual & Supervised Solo $895/hr Private Hire for Flight Test $795/hr
	Ground School & Briefings	$125/hr
	Flight Test Fee	$770

Pay As You Fly rates do not include the purchase of required items including simulation hours, course theory materials, exams, flight tests, uniform and logbooks, or access to the Learn To Fly online student portal. Please email **hello@learntofly.edu.au** for any cost-related enquiries. Prices are in AUD and are subject to change. You will be charged based on the current pricing schedule at the time of booking. Current as at December 2023.

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OUR GRADUATE: SKY MAYUKHACHOT

"The Multi-Engine Class Rating course is like opening a door to a bigger world of flight training, introducing more advanced aircraft and operations. It's also one of the qualifications that airlines look for. Learn To Fly has amazing and experienced instructors, and you can complete the course in either a Diamond DA42 or Piper Seminole aircraft." – Sky Mayukhachot from Thailand

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Scan QR code to subscribe, follow or schedule a meeting

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