



Australian Government
Civil Aviation Safety Authority

Civil Aviation Safety Regulations 1998 – Part 60
Regulation 60.035

FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE

Number: CASA.FSTDQC-AUS-AUS 80 Revision: 3

AUS 80

This is to certify that

ROYAL FLYING DOCTOR SERVICE OF AUSTRALIA CENTRAL OPERATIONS

ARN: 806283 ACN: 141 354 734

PILATUS PC12 47E

Serial No: J102114

located at 1 Tower Road, ADELAIDE AIRPORT, SA 5950

is qualified as a FAA Level 5 Flight Training Device in accordance with Subpart 60.B of the
Civil Aviation Safety Regulations 1998.

The device specifications including identifying details, types and models of aircraft that are
simulated and the capability of the device are described in this certificate.

This certificate is not transferable and continues in force until 28 February 2026.

Joseph Anthony Rule
Branch Manager Flight Standards
National Ops & Standards

Delegate of the Civil Aviation Safety Authority

14 February 2025

Civil Aviation Safety Authority

Flight Simulation Training Device Specification

AUS 80

a)	Type/Variant of Aircraft	PILATUS PC12 47E
b)	Flight Simulator Qualification Basis	FAR Part 60 Change 2
c)	Visual System	Lockheed Martin Prepar 3D (24 ° x 18° FOV) LCD TV
d)	Motion System	Nil
e)	Engine Fit	PT6A -67P
f)	Flight Management System Fit	Honeywell Apex avionics suite
g)	TCAS Fit	Nil
h)	Additional capabilities	Nil
i)	Guidance Information: Training, testing, and checking considerations	

Part 1 - Instrument proficiency checks

1. For 61.695(6) and 61.880(6) – The following instrument approach operations using Instrument approach procedures specified in Part 2 of this schedule. At least 1 instrument approach operation must be demonstrated in an aircraft or approved flight simulator for the relevant aircraft as defined under 61.695(9) and 61.880(9)
 - a. 2D instrument approach operations
 - b. 3D instrument approach operations
 - c. Azimuth lateral guidance
 - d. Course Deviation Indicator (CDI) lateral guidance

Part 2 - Type of instrument approach procedures

1. For 61.640(3), 61.680(4) and 61.860(5) the following kind of instrument approach procedures can be demonstrated;
 - a. NDB
 - b. VOR
 - c. RNP APCH LNAV
 - d. ILS/LOC

Single Engine Aeroplane Class Rating -common and type activities

Areas of Operation

- Pre-flight Procedures
 - Preflight Inspection (Cockpit Only)
 - Powerplant start
 - Pre-take-off checks
- Take-off and Departure phase
 - Departure Procedure
- In-flight Manoeuvres
 - Steep Turns
 - Specific Flight Characteristics incorporated into the user's CASA approved flight training program
- Instrument Procedures
 - Standard Terminal Arrival / Flight Management System Procedures for Arrivals
 - Holding
 - Precision Instrument Approach (All Engines Operating)
 - Non-precision Instrument Approach (All Engines Operating)
 - Missed Approach (Normal)
- Normal and Abnormal Procedures
 - Powerplant
 - Fuel System
 - Electrical System
 - Hydraulic System
 - Environmental and Pressurisation Systems
 - Fire Detection and Extinguisher Systems
 - Navigation and Avionics Systems
 - Automatic Flight Control System, Electronic Flight Instrument System, and Related Subsystems
 - Flight Control System
 - Anti-ice and De-ice systems
 - Aircraft and Personal Emergency Equipment
 - Landing Gear
- Emergency Procedures
 - Emergency Descent
 - Rapid Decompression

- Emergency Evacuation
- Post flight Procedures
 - After landing Procedures
 - Parking and Securing
- PC12/474 Procedure Training
 - Type specific procedures

j) **Limitations**

The device may only be used in accordance with an operations manual or exposition of the holder of a relevant Part 138 Aerial Work Certificate, Part 141 Certificate, Part 142 Certificate, Part 142 Air Operator's Certificate, or Part 119 Air Operator's Certificate.