



*Civil Aviation Safety Regulations 1998 – Part 60
Regulation 60.035*

FLIGHT SIMULATOR QUALIFICATION CERTIFICATE

Instrument No: CASA.FSTD.0522. Revision No:10
AUS-65

This is to certify that
Thales Australia
AW139 Flight Simulator
Serial No.1000

Located at Thales Lifelight Simulation Centre Brisbane

is qualified as a Level D Flight Simulator 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 30 September 2025.

Joseph Anthony Rule
Branch Manager Flight Standards

27 September 2024

Civil Aviation Safety Authority

Flight Simulator Specification

AUS 65

- a) **Type/Variant of Aircraft** Leonardo Helicopter AW139
- b) **Flight Simulator Qualification Basis** CS-FSTD(H)
- c) **Visual System** Thales DLP-Barco F-35
235 x 80 Deg FOV
- d) **Motion System** Thales Hexaline Electric 6 DOF
- e) **Engine Fit** Pratt & Whitney PT6C-67C
- f) **Flight Management System Fit** Honeywell Dual
- g) **TCAS Fit** Version II
- h) **Guidance Information: Training, testing, and checking considerations**

CAT I	RVR	550m	DH200ft	Y
LVTO	RVR	150 m		Y
Precision Approaches (ILS)				Y
Non-Precision Approaches (LOC, VOR, NDB, DME)				Y
Non-Precision Approaches (RNP APCH-LNAV)				Y
Non-Precision Approaches (RNP APCH-LNAV/VNAV)				Y
Recency				Y
IFR Training/Checks				Y / Y
Type Rating				Y
Proficiency Checks				Y
Recurrent Training/Checks				Y / Y
Autocoupled Approach				Y
TCAS II				Y
Windshear Warning System / Predictive Windshear				N/A
WX-Radar				Y

TAWS/EGPWS		Y/Y
GPS		Y
Other	Helicopter Slope Landing	Y
	NVG - compatible lighting / visual system	Y
	Helicopter Category A Take-off	Y
	External Load Operations/Winch	Y/Y
	Pinnacle Approach to Landing	Y
	Rig Landing/Ship Landing	Y/Y
	Ditching	Y
OFF Airport Sites:		
<ul style="list-style-type: none"> • Elevated helipad (HMAR) Marseille, including 5 insets for specific training. • Marseille High detailed area, High Mountain, Medium Mountain, Maritime area, and Valley • Barracoota Gas Rig • Confined areas/Unprepared landing sites “IAW” Operators specified high fidelity training sites 		
High-Definition Hospital Areas: -		
<ul style="list-style-type: none"> • Royal Brisbane Hospital, Gold Coast University Hospital, Toowoomba Base Hospital, Alfred (YAFD), Royal Children (YRHO), Royal Melbourne (YRMH) • Operations with MTOM up to 7000kg available according to RFM 139G0290X002 Supplement No. 90 for aircraft with kit P/N 4G0000F00311 installed. 		

i) **Restrictions / Limitations**
Nil.