

European Union Competent Authority



FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE

Pursuant to Commission Regulation (EU) No 1178/2011 and subject to the conditions specified below, the Ente Nazionale per l'Aviazione Civile, competent Authority of the Italian Republic, Member of European Union, hereby certifies that:

FSTD No. IT-111

**Leonardo S.p.A. - Helicopters AW139
S/N: TA39STSA-FFS-001**

located at

**Leonardo S.p.A. - Helicopters
Via del Confine n° 547, 48015 Cervia (RA) - Italy**

has satisfied the Qualification Requirements prescribed in Part-ORA, subject to the conditions of the attached FSTD specification.

This qualification certificate shall remain valid subject to the FSTD and the holder of the qualification certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.

Date of issue: 22 April 2026

**Bollo assolto in modo virtuale
aut. Direz. Reg. Entrate Lazio
n. 135047/98 del 30/11/1998**

Signed: (this document is digitally signed according to the Italian law D.L.gs 82/2005)

Name: **Ing. Andrea Costantini**

Title: **Flight Operations & Dangerous Goods
Department Director**

A. Type or variant of aircraft:	AW139
B. FSTD qualification level:	FFS Level D
C. Primary reference document	CS-FSTD H initial issue
D. Visual System	Aechelon Technology IG - 8 channel, Direct Projection on spherical dome display, FoV 220 deg. H, 75 deg. V, Barco FS70-4K6 DLP-Laser projectors
E. Motion System	MB-EP-6 electro-pneumatic, 6-DOF, 60 inches stroke
F. Engine fit	PWC PT6C-67C
G. Instrument fit	According to the helicopter type equipped either with 5 tubes-EFIS Honeywell Primus Epic Phase 7.4 or Phase 8.0 avionics suite
H. ACAS fit	TCAS II (SW 7.1)
I. Windshear	Windshear reproduction available
J. Additional capabilities	- NVIS, Central DU w/ Skyforce Digital Map, 4 AXYS AFCS w/SAR Modes, Dual Hoist w/Camera, Cargo Hook w/Camera, Trakka Searchlight, Emergency Floats, OPLS (LIDAR), 2ND GPS W/SBAS, 7000 kg increased GW, EAPS.
K. Restrictions/Limitations	Moving ship airwake is not modelled.

L. Guidance information for training, testing and checking considerations

CAT I	RVR	550	m	DH	200	ft	YES
CAT II	RVR	N/A	m	DH	N/A	ft	N/A
CAT III (lowest minimum)	RVR	N/A	m	DH	N/A	ft	N/A
LVTO	RVR	150 m	m				YES
Recency							YES
IFR training/check							YES / YES
Type rating							YES
Proficiency checks							YES
Autocoupled Approach							YES
Autoland / roll out guidance							N/A / N/A
ACAS I/II							N/A / YES (SW 7.1)
Windshear warning system / predictive windshear							N/A / N/A
WX-radar							YES
HUD / HUGS							N/A
FANS							N/A
GPWS / EGPWS							N/A / YES
GPS							YES
ETOPS Capability							N/A

Other :	- Qualification Visual Scenes: LIRA airport; "Piazzola del Quirinale" confined area; "Piazzola Palazzo Difesa Aeronautica" elevated helipad. - RNP APCH, LNAV: YES LNAV/VNAV: YES LPV: YES AR: N/A
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