

FSTD DATA SHEET

EU-A0433

FSTD Leonardo AW139

S/N: Leonardo S.p.A. - Helicopters – S390000X00100A / 001

Located at

Gulf Helicopters Company

Al Areesh Street
Ras Abu Aboud Road
PO Box 811
Doha
State of Qatar

A.	Type or variant of aircraft	Leonardo AW139
B.	FSTD qualification level	HELICOPTER FFS LEVEL D
C.	Primary reference document	CS-FSTD(H) initial issue
D.	Visual system	Aechelon Technology, DLP-laser projectors, FOV 220degx75deg, non-collimated
E.	Motion system	Moog, 60 inch, electric-pneumatic, 6 DOF, 3 DOF vibration platform
F.	Engine fit	Pratt & Whitney Canada PT6C-67C
G.	Instrument fit	According to rotorcraft type equipped with Honeywell Primus EPIC phase 7.4 / or 8.0
H.	ACAS fit	TCAS II
I.	Windshear	Profiles available
J.	Additional capabilities	None
K.	Restrictions or limitations	Sound system is not compliant with the requirements of FFS level D/CS-FSTD(H) initial issue

L.	Guidance information for training, testing and checking considerations						
CAT I	RVR	550	m	DH	200	ft	yes
CAT II	RVR	300	m	DH	100	ft	n/a
CAT III (lowest minimum)	RVR		m	DH		ft	n/a
LVTO	RVR	150	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
Windshear warning system / predictive windshear							n/a / n/a
WX-radar							yes
HUD / HUGS							n/a / n/a
FANS							n/a
GPWS / EGPWS							n/a / yes
ETOPS capability							n/a
GPS							yes
Other	Night Vision Imaging System (NVIS), emergency floats, Obstacle Proximity Lidar System (OPLS), 2 nd GPS W/SBAS, Northern-Airborne-Technology (NAT) NPX-138, 7000kg increased gross weight, high intensity strobe light, WXR RDR-7000, Active Vibration Control System (AVCS), tail camera, RNP APCH limited to: [LNAV, LNAV/VNAV, LPV]						

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