FSTD DATA SHEET

EU-C0029

FSTD Generic Single-Engine Piston Aeroplane

S/N: Diamond Simulation – DSIM-DA40NG-001F17

Located at

Qatar Aeronautical Academy

Ras Abu Abboud Road
4050 Doha
State of Qatar

A.	Type or variant of aircraft	Generic Single Engine Piston Aeroplane (representative of DA-40, Maximum Take Off Weight-MTOW 1280 kg, non-retractable undercarriage)
B.	FSTD qualification level	AEROPLANE FNPT LEVEL II
C.	Primary reference document	CS-FSTD(A) initial issue
D.	Visual system	Diamond Aircraft Industries, Global Canvas, DLP projectors, FOV 200degx35deg, non-collimated
E.	Motion system	None
F.	Engine fit	Generic 168 hp piston engine, variable pitch propeller
G.	Instrument fit	Garmin 1000 Electronic Flight Instrument System (EFIS) instrumentation
H.	ACAS fit	None
I.	Windshear	No profile available
J.	Additional capabilities	None
K.	Restrictions or limitations	None

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	125	m				n/a
Recency								n/a
IFR-training / check								yes / yes
Type rating								n/a
Proficiency checks								n/a
Autocoupled approach								yes
Autoland / roll out guidance								n/a / n/a
ACAS I / II								n/a / n/a
Windshear warning system / predictive windshear								n/a / n/a
WX-radar								n/a
HUD / HUGS								n/a / n/a
FANS								n/a
GPWS / EGPWS								n/a / n/a
ETOPS capability								n/a
GPS								yes
Other	RNP APCH limited to: [LNAV, LNAV/VNAV, LPV], ATIS Global Reporting Format (GRF) runway condition reporting not supported							

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