

FSTD No EU-B0047

S/N: TRU Simulation + Training/ SN P100EV 001

Embraer Phenom 100EV (EMB-500)

Located at

**Emirates Flight Training Academy
Al Maktoum International Airport (DWC),
Dubai South,
Dubai U.A.E**

FSTD DATA SHEET

A.	Type or variant of aircraft:	Embraer Phenom 100EV (EMB-500)			
B.	FSTD qualification level:	AEROPLANE FTD LEVEL 2			
C.	Primary reference document:	CS-FSTD(A) initial issue			
D.	Visual system:	SimthetiQ, aXion, LED projectors, FOV 200degx50deg, non-collimated			
E.	Motion system:	E2M, 17 inch, 6 DOF			
F.	Engine fit:	Pratt and Whitney PW617F1E			
G.	Instrument fit:	According to aircraft type equipped with Garmin 3000 Prodigy Avionics			
H.	ACAS fit:	TCAS II (ver. 7.1)			
I.	Windshear:	Profiles 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	150 m			yes
Recency					yes
IFR-training / check					yes / n/a
Type rating					Yes (partially)
Proficiency checks					n/a
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 / n/a
GPS					Yes
ETOPS capability					n/a
Other:	Terrain Awareness Warning System (TAWS), RNP APCH limited to: [LNAV, LNAV/VNAV, LPV]				