

FSTD DATA SHEET

EU-UKCA508

FSTD Embraer Phenom 100 (EMB-500)

S/N: CAE – 2W08-746

Located at

CAE STS Ltd.

CAE Las Vegas
6550 S Bruce Street
89119 Las Vegas, Nv
USA

A.	Type or variant of aircraft	Embraer Phenom 100 (EMB-500)
B.	FSTD qualification level	AEROPLANE FFS LEVEL D
C.	Primary reference document	JAR-FSTD A initial issue and refer to section J. & K.
D.	Visual system	CAE, Tropos 6000XR, DLP-LED projectors, FOV 180degx40deg
E.	Motion system	CAE, 42 inch, electric, 6 DOF
F.	Engine fit	Pratt & Whitney Canada PW617F-E
G.	Instrument fit	According to aircraft type equipped with Garmin Prodigy Flight Deck 100 (Load L6X)
H.	ACAS fit	TCAS II (ver. 7.1)
I.	Windshear	Profiles available
J.	Additional capabilities	UPRT, high altitude cruise approach-to-stall event, icing according to CS-FSTD(A) issue 2
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				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	Terrain Avoidance and Warning System class B (TAWS-B), spoiler control system installation, RNP APCH limited to: [LNAV, LNAV/VNAV, LPV]										

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