

FSTD No EU-UKCA508

S/N: CAE / 2W08-746

Embraer Phenom 100 (EMB-500)

Located at

CAE STS Ltd.
2929 W. Airfield Dr.
P.O Box 619119
75261 DFW Airport, Texas
USA

FSTD DATA SHEET

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
GPS						yes
ETOPS capability						n/a
Other:	TAWS-B, Spoiler Control System Installation, RNP APCH limited to: [LNAV, LNAV/VNAV, LPV]					