

FSTD DATA SHEET

EU-A0411

FSTD Embraer Phenom 100EV (EMB-500)

S/N: CAE – 128754

Located at

CAE STS Ltd.

CAE Simuflite, Inc.
2929 West Airfield Drive
75261 DFW Airport, Texas
USA

A.	Type or variant of aircraft	Embraer Phenom 100EV (EMB-500)
B.	FSTD qualification level	AEROPLANE FFS LEVEL D
C.	Primary reference document	CS-FSTD(A) issue 2
D.	Visual system	CAE, Tropos 6031, DLP-LED projectors, FOV 200degx43deg
E.	Motion system	Moog, 60 inch, electric, 6 DOF
F.	Engine fit	Pratt & Whitney PW617F1-E
G.	Instrument fit	According to aircraft type equipped with Embraer Prodigy Flight Deck 300
H.	ACAS fit	TCAS II (ver. 7.1)
I.	Windshear	Profiles available
J.	Additional capabilities	Full/Post stall
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			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 / yes
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 Awareness Warning System (TAWS) - Class A, Runway Overrun Awareness and Alerting System (ROAAS), Synthetic Vision System (SVS), class 3 electronic flight bag, RNP APCH limited to: [LNAV, LNAV/VNAV, LPV]						

Revision 0, date of issue: 31 July 2025 - EU-A0411_CERT_REV_0_20250731-DS