

FSTD DATA SHEET

EU-A0410

FSTD Embraer Phenom 300 (EMB-505)

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 300 (EMB-505)
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 Canada PW535E
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	Optional configurations with or without autothrottle, Terrain Awareness Warning System (TAWS) - Class A, Runway Overrun Awareness and Alerting System (ROAAS), steep approach, Synthetic Visual System (SVS), class 3 electronic flight bag, RNP APCH limited to: [LNAV, LNAV/VNAV, LPV]						

Revision 0, date of issue: 29 July 2025 - EU-A0410_CERT_REV_0_20250729-DS