

FSTD DATA SHEET

EU-A0360

FSTD Embraer Phenom 300 (EMB-505)

S/N: CAE – 128262

Located at

CAE STS Ltd.

Innovation Drive
Burgess Hill RH15 9TW
United Kingdom

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, electro mechanical, 6 DOF
F.	Engine fit	Pratt & Whitney Canada PW535E
G.	Instrument fit	According to aircraft type equipped with Garmin 3000 Prodigy (load 29.04)
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				yes / 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	Surface Movement Guidance and Control Systems (SMGCS), steep approach, RNP APCH limited to: [LNAV, LNAV/VNAV, LPV], auto throttle as per AFM supplement 8 (rev.24, 11.03.2024), runway condition reporting in the ATIS is not in accordance with the Global Reporting Format (GRF)			

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