

UK Civil Aviation Authority FSTD Datasheet

FSTD Number: **CA-730**
 Serial Number: CAE 2WAC-821



Embraer EMB505 (Phenom 300)
 Located at
CAE STS Limited
2929 West Airfield Drive
75261 DFW Airport
Texas
USA

A.	Type or variant of aircraft:	Embraer EMB505 (Phenom 300)
B.	FSTD qualification level	Aeroplane FFS Level D
C.	Primary reference document	CS-FSTD(A) Initial Issue and refer to section J. & K.
D.	Visual system:	CAE / Tropos 6000XR / 3 projectors / Day-Dawn-Dusk-Night Barco FL35 / DLP - LED projectors / 180deg x 40deg / Collimated
E.	Motion system:	CAE / 42 inch / Electric / 6 DOF
F.	Engine fit:	Pratt & Whitney Canada PW535E
G.	Instrument fit:	According to aircraft type equipped with Garmin Prodigy
H.	ACAS fit:	ACAS II, ver 7.1
I.	Windshear:	Profiles available
J.	Additional Capabilities:	UPRT, icing and high altitude cruise approach-to-stall event according to (UK) 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 / checks						yes / yes
Type-rating						yes
Proficiency checks						yes
Auto-coupled 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:	RNP APCH limited to: [LNAV, LNAV/VNAV and LPV], Synthetic Vision System (SVS), Steep Approach					