

# UK Civil Aviation Authority FSTD Datasheet

FSTD Number: **CA-655R**  
 Serial Number: CAE 112715-1577



**EMB-500 (Phenom 100)**  
 Located at  
**CAE STS Limited**  
**Innovation Drive**  
**Burgess Hill**  
**West Sussex**  
**RH15 9TW**

A.	Type or variant of aircraft:	EMB-500 (Phenom 100)
B.	FSTD qualification level	Aeroplane FFS Level D
C.	Primary reference document	(UK) CS-FSTD(A) Issue 2
D.	Visual system:	CAE / Tropos 6220 / 3 projectors / Day-Dawn-Dusk-Night Barco FL35 / DLP - LED projectors / 200deg x 40deg / Collimated
E.	Motion system:	E2M / 60 inch / Electric / 6 DOF
F.	Engine fit:	Pratt & Whitney Canada PW617F1-E
G.	Instrument fit:	According to Aircraft Type fitted with Garmin 3000 avionics
H.	ACAS fit:	ACAS 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	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]				