

# UK Civil Aviation Authority FSTD Datasheet

FSTD Number: **CC-663**  
 Serial Number: **CAE 2RCL-471**



**Embraer ERJ-190**  
 Located at  
**CAE STS Limited**  
**CAE Centre, London Gatwick**  
**Diamond Point**  
**Fleming Way**  
**Crawley**  
**West Sussex**  
**RH10 9DP**

A.	Type or variant of aircraft:	Embraer ERJ-190
B.	FSTD qualification level	Aeroplane FFS Level D
C.	Primary reference document	JAR-STD 1A Amendment 3 and refer to section J. & K.
D.	Visual system:	CAE / Tropos 6000XR / 3 projectors / Day-Dawn-Dusk-Night Sony GH10 / LCoS projectors / 180deg x 40deg / Collimated
E.	Motion system:	CAE 600 Series / 60 inch / Hydraulic / 6 DOF
F.	Engine fit:	GE CF34-10E6
G.	Instrument fit:	According to aircraft type fitted with Honeywell Primus EPIC L25.2
H.	ACAS fit:	ACAS II, ver 7.1
I.	Windshear:	Profiles available
J.	Additional Capabilities:	UPRT, icing, high altitude cruise stall event and full/post stall 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		yes
CAT III (lowest minimum)	RVR	200 m	DH	50ft ft		yes
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						yes / n/a
ACAS I / II						n/a / yes
Windshear warning system / predictive windshear						yes / n/a
WX radar						yes
HUD / HUGS						yes / yes
FANS						n/a
GPWS / EGPWS						n/a / yes
ETOPS capability						n/a
GPS						yes
Other:	RNP APCH limited to: [LNAV and LNAV/VNAV], Steep Approach					