

UK Civil Aviation Authority FSTD Datasheet

FSTD Number: **CA-833**
 Serial Number: CAE 123734-1950



Gulfstream GVI (G650)
 Located at
CAE STS Limited
Innovation Drive
Burgess Hill
West Sussex
RH15 9TW

A.	Type or variant of aircraft:	Gulfstream GVI (G650)
B.	FSTD qualification level	Aeroplane FFS Level D
C.	Primary reference document	(UK) CS-FSTD(A) Issue 2
D.	Visual system:	CAE / Tropos 6023 / 3 projectors / Day-Dawn-Dusk-Night Barco FL35 / LED projectors / 200deg x 40deg / Collimated
E.	Motion system:	EMM E2M / 60 inch / Electric / 6 DOF
F.	Engine fit:	Rolls Royce KG BR700-725A1-12
G.	Instrument fit:	According to aircraft type equipped with Honeywell Primus Epic Suite load 36.2
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		yes
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						yes / yes
WX radar						yes
HUD / HUGS						yes / yes
FANS						yes
GPWS / EGPWS						n/a / yes
ETOPS capability						n/a
GPS						yes
Other:	RNP APCH limited to: [LNAV, LNAV/VNAV, LPV and AR], Steep Approach, Enhanced Vision System (EVS) , Smoke, Controller-Pilot Data-Link Communications (CPDLC), Autobrake (ASC 055)					