

European Union

United Kingdom Civil Aviation Authority



**FLIGHT SIMULATION TRAINING DEVICE
QUALIFICATION CERTIFICATE**

Pursuant to Commission Regulation (EU) No. 1178/2011 as amended, Annex VI and subject to the conditions specified below, the United Kingdom Civil Aviation Authority hereby certifies that

FSTD Number: CA-495

Serial Number: CAE 2WBK-897

Learjet 45 (Learjet 45 series, LR-45)

Located at:

CAE STS Limited

Innovation Drive

Burgess Hill

West Sussex

RH15 9TW

has satisfied the qualification requirements prescribed in Part-ORA, subject to the conditions of the attached FSTD specifications.

This qualification certificate shall remain valid subject to the FSTD and the holder of the qualification certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.

For the United Kingdom Civil Aviation Authority,

Initial Issue 21 March 2012

Issue 12 09 December 2019



Signed:

Mr A Bell

Head of FSTD Standards & Flight Test Engineers

United Kingdom Civil Aviation Authority

FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE: CA-495

FSTD SPECIFICATIONS:

A.	Type or variant of aircraft:	Learjet 45 (Learjet 45 series, LR-45)
B.	FSTD qualification level	Aeroplane FFS Level D
C.	Primary reference document	JAR-FSTD A Original Issue, August 2008 CS-FSTD (A) Initial Issue, July 2012 - Visual System CS-FSTD (A) Issue 02, May 2018 for UPRT, Icing, High Altitude Stall Event
D.	Visual system:	CAE / Tropos 6022XR / 3 projectors / Day-Dawn-Dusk-Night Sony GH10-1 / LCoS projectors / 180deg x 40deg / Collimated
E.	Motion system:	CAE / 42 inch / Electric / 6 DOF
F.	Engine fit:	Honeywell TFE731-20
G.	Instrument fit:	According to aircraft type
H.	ACAS fit:	ACAS II, ver 7.1
I.	Windshear:	yes
J.	Additional Capabilities:	UPRT, Icing, High Altitude Stall Event in accordance with CS-FSTD (A) Issue 2, May 2018
K.	Restrictions or limitations	Nil

L.	Guidance information for training, testing and checking considerations				
CAT I	RVR	550m	DH	200ft	yes
CAT II	RVR	300m	DH	100ft	n/a
CAT III (lowest minimum)	RVR		DH		n/a
LVTO	RVR	125m			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 / 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 LNAV, RNP APCH LNAV/VNAV, RNP APCH LPV, Steep Approach				

For the United Kingdom Civil Aviation Authority,

Initial Issue 21 March 2012

Issue 12 09 December 2019

Signed: 
Mr A Bell
Head of FSTD Standards & Flight Test Engineers

