



Human Environment and Transport  
Inspectorate  
*Ministry of Infrastructure  
and Water Management*

European Union  
Civil Aviation Authority The Netherlands

## **FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE**

Pursuant to Commission Regulation (EU) No *1178/2011* and subject to the conditions specified below, the Civil Aviation Authority The Netherlands hereby certifies that

FSTD number: NL-179

Device serial number: CAE 2T13-711

Located at: Koninklijke Luchtvaart Maatschappij N.V.

Building 203  
Schiphol-Oost  
The Netherlands

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

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certificate remaining in compliance with the applicable requirements of Part-OR, unless it has been surrendered, superseded, suspended or revoked.

Date of issue:  
Signed:

August 06, 2019

For the competent authority: the Minister of Infrastructure and Water Management on behalf of, the National Simulator Coordinator The Netherlands

Ir. S.R.A. van Dijck



European Union  
Civil Aviation Authority The Netherlands

**FSTD SPECIFICATIONS NL-179**

A. Type or variant of aircraft:	Boeing 737-800W		
B. FSTD qualification level:	Level D		
C. Primary reference document:	JAR-STD 1A Amendment 3 and refer to section J. & K.		
D. Visual system:	CAE TROPOS 6000 / Sony LCOS		
E. Motion system:	MOOG CAE EMM (Electrical Mechanical Motion), 6 DOF		
F. Engine fit:	CFM 56 7B24-7B26-7B27		
G. Instrument fit:	EFIS		
H. ACAS fit:	TCAS II		
I. Windshear:	Yes		
J. Additional capabilities:	UPRT / High altitude stall event / Icing / Full Stall acc. to CS-FSTD(A) Issue 2		
K. Restrictions or limitations:	None		
<b>L. Guidance information for training, testing and checking considerations</b>			
CAT I	RVR 550 m	DH 200 ft	Yes
CAT II	RVR 300 m	DH 100 ft	Yes
CAT III	RVR 200 m	DH 50 ft	Yes (lowest minimum)
LVTO	RVR 125 m		Yes
Recency			Yes
IFR-training/check			Yes / Yes
Type rating			Yes
Proficiency checks			Yes
Autocoupled approach			Yes
Autoland/roll out guidance			Yes / N/A
ACAS I/II			N/A / Yes
Windshear warning system/predictive windshear			Yes / Yes
WX-radar			Yes
HUD/HUGS			N/A / N/A
FANS			N/A
GPWS/EGPWS			N/A / Yes
ETOPS capability			No
RNP APCH LNAV			Yes
RNP APCH LNAV / VNAV			Yes
RNP APCH LPV			N/A
RNP AR APCH			Yes
Other			None

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