



Human Environment and Transport
Inspectorate
*Ministry of Infrastructure and the
Environment*

European Union
Civil Aviation Authority The Netherlands

FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE

Reference: NL-179

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 NL-179

Located at Koninklijke Luchtvaart Maatschappij N.V.
Building 203, 1117 EH 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certificate remaining in compliance with the applicable requirements of Part-OR, unless it has been surrendered, superseded, suspended or revoked.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: February 20, 2018

Signed: For the competent authority: the Minister of Infrastructure and Water management on behalf,
National Simulator Coordinator.

Ir. S.R.A. van Dijck



European Union
Civil Aviation Authority The Netherlands

FSTD QUALIFICATION CERTIFICATE: NL-179

FSTD SPECIFICATIONS

A. Type or variant of aircraft: Boeing 737-800W
Device serial number - CAE 2T13-711
B. FSTD qualification level: Level D
C. Primary reference document: JAR-STD 1A amm. 3
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: None
K. Restrictions or limitations: None

L. Guidance information for training, testing and checking considerations

| | | | | | | | |
|---|-----|-----|---|----|-----|----|--------------------------------|
| CAT I | RVR | 550 | m | DH | 200 | ft | |
| CAT II | RVR | 300 | m | DH | 100 | ft | |
| CAT III | RVR | 200 | m | DH | 50 | ft | |
| (lowest minimum) | | | | | | | |
| LVTO | RVR | 125 | m | | | | |
| Recency | | | | | | | Yes |
| IFR-training/check | | | | | | | Yes / Yes |
| Type rating | | | | | | | Yes |
| Proficiency checks | | | | | | | Yes |
| Autocoupled approach | | | | | | | Yes |
| Autoland/roll out guidance | | | | | | | Yes / No |
| ACAS I/II | | | | | | | No / Yes |
| Windshear warning system/predictive windshear | | | | | | | Yes / Yes |
| WX-radar | | | | | | | Yes |
| HUD/HUGS | | | | | | | No / No |
| FANS | | | | | | | No |
| GPWS/EGPWS | | | | | | | No / Yes |
| ETOPS capability | | | | | | | No |
| GPS | | | | | | | Yes |
| Other | | | | | | | RNP APCH LNAV - LNAV/VNAV - AR |

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