

## FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE

Pursuant to Commission Regulation (EU) No 1178/2011 and subject to the conditions specified below, the European Union Aviation Safety Agency hereby certifies that

**FSTD No EU-FR157**

S/N: Mechtronix / 00002118

**Boeing 737-800W**

Located at

**IFTC Uçuş Eğitim Hizmetleri ve Ticaret A.Ş.  
Istanbul Atatürk Havalimanı Serbest Bölgesi L Blok No:1  
34149 Yeşilköy  
Istanbul  
Turkey**

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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 European Union Aviation Safety Agency,**

**Date of issue: 15.10.2019**



**Flavio DE NARDIS**  
**Flight Crew Training Oversight Section Manager**

Note:  
The following numbers are listed on the certificate:  
EASA current Project Number: 0010017153 - 001

**FSTD QUALIFICATION CERTIFICATE: EU-FR157**  
**FSTD SPECIFICATIONS**

|   |  |   |   |    |     |    |           |
|---|--|---|---|----|-----|----|-----------|
| A.  | Type or variant of aircraft:   | Boeing 737-800W   |   |    |     |    |           |
| B.  | FSTD qualification level:  | AEROPLANE FFS LEVEL D   |   |    |     |    |           |
| C.  | Primary reference document:  | CS-FSTD(A) initial issue and refer to section J. & K.                                 |   |    |     |    |           |
| D.  | Visual system:   | SimthetiQ, X2, DLP-LED projectors, FOV 180degx40deg                                   |   |    |     |    |           |
| E.  | Motion system:   | Moog FCS, 36 inch, electric pneumatic, 6 DOF  |   |    |     |    |           |
| F.  | Engine fit:  | CFM56-7B27  |   |    |     |    |           |
| G.  | Instrument fit:  | According to aircraft type Boeing block point 3.0                                     |   |    |     |    |           |
| H.  | ACAS fit:  | TCAS II (ver. 7.1)  |   |    |     |    |           |
| I.  | Windshear:   | Profiles available  |   |    |     |    |           |
| J.  | Additional capabilities:   | UPRT / High altitude stall event / Icing / Full Stall according to 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  | 75  | m | DH | no  |    | yes       |
| 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 / yes |
| 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 |
| GPS   |  |   |   |    |     |    | yes       |
| ETOPS capability                                |  |   |   |    |     |    | yes       |
| Other:  | Smoke, RNP APCH limited to: [LNAV, LNAV/VNAV, AR]                      |   |   |    |     |    |           |

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