



FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE

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

FSTD No EU-SE120B

S/N: CAE / 023

Boeing 737-500

Located at

**Institute Of Air Transport Ltd., Sofia Flight Training
Airport Sofia, Institute Of Air Transport Ltd, North Building
1540 Sofia
Bulgaria**

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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

Date of issue: 26.02.2018

**Hans BIRKHOLM
ATO & AeMC Section Manager**

Note:
The following numbers are listed on the certificate:
EASA current Project Number: 0010031121 - 001

FSTD QUALIFICATION CERTIFICATE: EU-SE120B

FSTD SPECIFICATIONS

| | | | | | | |
|---|--|--|----|--------|-----|-----------|
| A. | Type or variant of aircraft: | Boeing 737-500 | | | | |
| B. | FSTD qualification level: | AEROPLANE FFS LEVEL CG | | | | |
| C. | Primary reference document: | FAA AC120-40A. Visual system: CS-FSTD(A) initial issue | | | | |
| D. | Visual system: | CAE, Tropos 6221XR, LCoS projectors, FOV 180degx40deg | | | | |
| E. | Motion system: | CAE, 60 inch, hydraulic, 6 DOF | | | | |
| F. | Engine fit: | CFM56-3C1 (20K and 18.5K) | | | | |
| G. | Instrument fit: | According to aircraft type | | | | |
| H. | ACAS fit: | TCAS II (ver. 7.1) | | | | |
| I. | Windshear: | Profiles available | | | | |
| 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 | yes | |
| CAT II | RVR | 300 m | DH | 100 ft | yes | |
| CAT III (lowest minimum) | RVR | 200 m | DH | 50 ft | 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 / 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 |
| GPS | | | | | | n/a |
| ETOPS capability | | | | | | n/a |
| Other: | Smoke, RNP APCH limited to: [LNAV, LNAV/VNAV] | | | | | |

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