

European Union

Finnish Transport and Communications Agency (Traficom)

**FLIGHT SIMULATION TRAINING DEVICE (FSTD)
QUALIFICATION CERTIFICATE FI-1A-006A**

Pursuant to Commission Regulation (EU) No 1178/2011 and subject to the conditions specified below, the Finnish Transport and Communications Agency (Traficom) hereby certifies that

| | |
|---------------------------|--|
| FSTD level | Full Flight Simulator, Level CG |
| Simulated A/C type | Beechcraft Super King Air 300 |
| FSTD manufacturer | FlightSafety International |
| Serial number | Serial 5803 |

| | |
|------------|---|
| Located at | Finnish Aviation Academy Ilmailuopistontie 184 FI-28540 Pori FINLAND |
|------------|---|

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

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.

| | |
|---------------------------------|--|
| Date of issue | 9 Dec 2020 |
| Signature on behalf of Traficom |  |
| Clarification of the signature | Olli Hänninen |
| Title | Senior Inspector, Flight Simulators |



FLIGHT SIMULATION TRAINING DEVICE (FSTD)

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| | |
|--------------------------------|--|
| A) Type or variant of aircraft | Beechcraft Super King Air 300 |
| B) FSTD qualification level | Full Flight Simulator, Level CG |
| C) Primary reference document | FAA AC120-40A, Phase II, refer also to item J |
| D) Visual system | VITAL IV, night visual image, 3 channels, 4 windows, field of view vertical 36° and horizontal 82° per pilot |
| E) Motion system | 6 degrees of freedom, hydraulic |
| F) Engine fit | Pratt & Whitney PT6A-60A |
| G) Instrument fit | <ul style="list-style-type: none"> • EFIS: Collins EFIS-85B (5-tube version) • 2 x AP and FD: Collins FCS-65 • Air Data System: Collins ADS-80 • NAV/COM: Collins Pro Line II • ADF: Collins ADF-60 • 2 x RMI (2 pointers on each) • Garmin GNS530W |
| H) ACAS fit | N/A |
| I) Windshear | Windshear profiles are available |
| J) Additional capabilities | <ul style="list-style-type: none"> • UPRT, approach to stall, high altitude stall event and icing in accordance with CS-FSTD(A) issue 2 • RNAV (GNSS) approach to LNAV minima and LNAV/VNAV minima (APV SBAS), see Finnish Aviation Academy's list of validated approaches • B-RNAV (RNAV 5), P-RNAV (RNAV-1) |
| K) Restrictions or limitations | NAV and APR modes of Flight Director / Autopilot not to be used with GPS as the navigation source. |

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Clarification of the signature

Olli Hänninen

Title

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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 | N/A |
| CAT III (lowest minimum) | | | N/A |
| LVTO | RVR 150 m | | Yes |
| Recency | | | Yes |
| IFR-training / IFR-checks | | | Yes / Yes |
| Type rating | | | Yes |
| Proficiency checks | | | Yes |
| Autocoupled approach | | | Yes, note restriction (item K) |
| Autoland / Roll out guidance | | | N/A / N/A |
| ACAS I / II | | | N/A / N/A |
| Windshear warning system / predictive windshear | | | N/A / N/A |
| WX-radar | | | N/A |
| HUD / HUGS | | | N/A / N/A |
| FANS | | | N/A |
| GPWS / EGPWS | | | N/A / N/A |
| ETOPS capability | | | N/A |
| GPS | | | Yes |
| Other | | | N/A |

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