



Federal Public Service  
Mobility and Transport  
Belgian Civil Aviation Authority

**BELGIAN CIVIL AVIATION AUTHORITY  
EUROPEAN UNION**

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

### **REFERENCE:**

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

**FSTD BE-FNPT 021  
FNPT II**

located at  
Ben-Air Flight Academy  
Luchthavenlei 1/33  
2100 Antwerpen - Belgium

Company registration number: 0420.916.553

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.

Date of issue: **27/11/2017**

Issued by The Belgian Civil Aviation Authority



For the Director General, by delegation:

Philippe D'HOMME  
ADVISOR GENERAL

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**FSTD QUALIFICATION CERTIFICATE BE-FNPT 021**

**FSTD SPECIFICATIONS**

<b>A. Type/Variant of Aircraft:</b>	Generic MEP, retractable gear and constant speed propeller (Representative of PA44, MTOW 3800 lbs)
<b>B. FSTD Qualification Level:</b>	FNPT II
<b>C. Primary reference document:</b>	CS-FSTD(A) Initial issue 4 July 2012
<b>D. Visual System:</b>	Alsim, 3 Channel Panoramic projection system, HDVS, 208°x40° FoV, Non collimated
<b>E. Motion System:</b>	None
<b>F. Engine Fit:</b>	Generic MEP 2x180HP @2700RPM, Three levers power quadrant (throttle, prop and mixture)
<b>G. Instrument Fit:</b>	Alsim integrated display and control system (flat panels) Analogic engine instrumentation – EFIS PFD ND - 2 x Garmin GTN650
<b>H. ACAS Fit:</b>	TCAS II close to 7.0
<b>I. Windshear:</b>	Nihil
<b>J. Additional Capabilities:</b>	Nihil
<b>K. Restrictions / Limitations:</b>	Nihil

A. Guidance information for training, testing and checking considerations			
CAT I	RVR 550m (500m for H)	DH 200ft	Yes
CAT II	RVR 300m	DH 100ft	No
CAT III (lowest minimum)	RVR 125m	DH 50ft	No
LVTO	RVR 150m	DH ft	No
Recency			No
IFR-training/skill test (as applicable in accordance with Part-FCL)			Yes/Yes
Type rating			No
Proficiency checks (as applicable in accordance with Part-FCL)			Yes
Autocoupled approach			Yes
Autoland/Roll out guidance			No/No
ACAS I / II			No/Yes (7.0)
Windshear warning system/predictive windshear			No/No
WX-Radar			Yes
HUD/HUGS			No/No
FANS			No
GPWS/EGPWS			No/No
ETOPS capability			No
RNP APCH LNAV			Yes
RNP APCH LNAV/VNAV			Yes
RNP APCH LPV			Yes
RNP AR APCH			No
Other			No

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