



Human Environment and Transport  
Inspectorate  
*Ministry of Infrastructure  
and Water Management*

European Union  
Civil Aviation Authority The Netherlands

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

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 number: NL-249

Device serial number: CAE 116568-1831

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certificate remaining in compliance with the applicable requirements of Part-OR, unless it has been surrendered, superseded, suspended or revoked.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: 17-10-2023

Signed: For the competent authority: the Minister of Infrastructure and Water Management on behalf of, the National Simulator Coordinator The Netherlands

R. de Waard



European Union  
Civil Aviation Authority The Netherlands

**FSTD SPECIFICATIONS NL-249**

A. Type or variant of aircraft:	Embraer EMB-190-E2		
B. FSTD qualification level:	FFS Level D		
C. Primary reference document:	CS-FSTD(A) Issue 2		
D. Visual system:	CAE Tropos 6223XR		
E. Motion system:	E2M 6DOF 62" EMM		
F. Engine fit:	PW1922G / PW1919G		
G. Instrument fit:	EFIS (EPIC)		
H. ACAS fit:	TCAS II Version 7.1		
I. Windshear:	Yes		
J. Additional capabilities:	None		
K. Restrictions or limitations:	None		
<b>L. Guidance information for training, testing and checking considerations</b>			
CAT I	RVR 550 m	DH 200 ft	Yes
CAT II	RVR 300 m	DH 100 ft	Yes
CAT III	RVR 175 m	DH 50 ft	Yes (lowest minimum)
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			No / Yes
Windshear warning system/predictive windshear			Yes / Yes
WX-radar			Yes
HUD/HUGS			Not applicable / Not applicable
FANS			Yes
GPWS/EGPWS			Not applicable / Yes
ETOPS capability			No
RNP APCH LNAV			Yes
RNP APCH LNAV / VNAV			Yes
RNP APCH LPV			Yes
RNP AR APCH			Yes
Other	1) Steep Approach 2) RNP-AR at Y R17/R35 ESMS		Yes

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