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Swiss Confederation

Federal Office of Civil Aviation FOCA

# Flight Simulation Training Device Qualification Certificate

Pursuant to Commission Regulation (EU) No 1178/2011 and subject to the conditions specified below, the Federal Office of Civil Aviation of Switzerland hereby certifies that

**FSTD No CH-163**

**AgustaWestland AW109SP**

**Serial No. 001**

located at

**Lufthansa Aviation Training Switzerland AG**


**CH-8302 Kloten**

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.

Date of issue: 13 October 2020

  
Roland Steiner  
Head of  
Safety Division - Flight Operations

  
Rolf Baumann  
Inspector  
Training Organisations and Light Aircraft  
Operations



## FSTD Qualification Certificate CH-163

### FSTD Specifications

A. Type or variant of aircraft:	AgustaWestland AW109SP
B. FSTD qualification level:	FFS Level B according to No 1178/2011
C. Primary reference document:	JAR-FSTD H (Initial Issue, 1 May 2008)
D. Visual system:	AgustaWestland, 7 Channel Projection, FOV 220°x 60°
E. Motion system:	Moog, E-Cue 660-8000i, 6 DOF, electro-pneumatic and Seat Shakers 1 DOF
F. Engine fit:	Pratt&Whitney PW207C
G. Instrument fit:	Primary: Chelton, IDU 450 Display, EFIS Engine: AgustaWestland, EDU, Ametek 109-0900-76-2A04
H. ACAS fit:	ACAS I
I. Windshear:	None
J. Additional capabilities:	ECS, HHO and NVIS. Helicopter Departure in Fog (HDF) according national regulations. Hospital Lucerne, Insel Hospital Bern. HEMS Scenarios: Mountain, Urban Area and Highway. Oil rig.
K. Restrictions or limitations:	None


### L. Guidance information for training, testing and checking considerations

CAT I	RVR	500m	DH	200ft	Yes
CAT II	RVR	-	DH	-	No
CAT III (lowest minimum)	RVR	-	DH	-	No
LVTO	RVR	150m			Yes
Recency					Yes
IFR-training / check					Yes / Yes
Type rating					No
Proficiency checks					No
Autocoupled approach					Yes
Autoland / roll out guidance					No / No
ACAS I / II					Yes / No
Windshear warning system / predictive windshear					No / No
WX-radar					No
HUD / HUGS					No / No
FANS					No
GPWS / EGPWS					Yes / No
ETOPS capability					No
GPS					Yes

Other:	Proficiency checks possible in combination with a valid FTD Level 3 certificate CH-208 RNP Approach: LNAV, LNAV/VNAV, LPV and AR
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