



NATIONAL CIVIL AVIATION  
AGENCY - BRAZIL

**Full Flight Simulator Qualification Certificate FFS-A139-002-V/16**

On behalf of the National Civil Aviation Agency – Brazil (ANAC),  
it is hereby certified that

**Agusta Westland AB139/AW139 Full Flight Simulator**  
**ANAC Id FFS-A139-002 (IT#032)**

located at

Rotorsim

Via Independência 2, I-21018  
Sesto Calende, (VA) – Italy

has satisfied the Qualification Requirements prescribed in **JAR STD-1  
H** and **RBAC-121 – Appendix H**, subject to the conditions of the  
attached Specification as **Full Flight Simulator Level FFS D**.

This Certificate is not transferable and, unless sooner  
suspended or revoked, shall continue in effect until

**June 30, 2017**

This Certificate must be available for viewing whenever there is  
training of Brazilian crew taking place, or whenever requested.

**ISSUE PLACE AND DATE: Rio de Janeiro, August 02, 2016.**

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**Audir Mendes de Assunção Filho**  
Training Organizations Certification Manager



**Especificações do Simulador de Voo FFS-A139-002-V/16  
( Full Flight Simulator FFS-A139-002-V/16 Specifications )**

**A) Type / Variant of Aircraft**

Agusta Westland AB139/AW139

**B) FSTD Qualification Level**

FFS D

**C) Visual System**

CAE, LCoS based 5 channels, Medalion-S 220 deg H, 60 deg V, 2 LCD displays for Chin Windows

**D) Motion System**

CAE Series 660, 6DOF with 3DOF Vibration Platform

**E) Engine Fit**

Pratt & Whitney PT6C-67C

**F) Instrument Fit**

Avionics firmware EPIC Load 4.8 (4 axis AFCS) FMS firmware NZ 7.01- Flight Controls fit; two SAGEM SM-7500 - Instrumentation fit PFD, MCDU, ADF e DME Honeywell - NVG ready

**G) Evaluated Approaches**

G1	Precision Approaches	ILS CAT I (200ft/500m)
G2	Non-Precision Approaches	Disponível / Available
G3	Circling Approaches	Não Disponível / Not Available

**H) Additional Capabilities / Authorizations**

H1	Windshear	Disponível / Available - No warning system
H2	Traffic Collision Avoidance System	TCAS I KTA0910
H3	Ground Proximity Warning System	EGPWS MK-XXII
H4	Head Up Display	Não Disponível / Not Available
H5	Electronic Flight Bag	Não Disponível / Not Available
H6	Reduced Visibility Operations	Disponível / Available

**I) Aerodromes Available**

I1	Brazilian Aerodromes	Não Disponível / Not Available
I2	Foreign Aerodromes	LIRF / LSZH / KTEB

**J) Restrictions / Limitations**

Ver restrições e limitações no Relatório de Avaliação em anexo. /  
See restrictions and limitations in the attached Evaluation Report.