



**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 Indipendenza 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 LKTA0910                              |
| 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.