



**FLIGHT SIMULATION TRAINING DEVICE  
QUALIFICATION CERTIFICATE**

Pursuant to Commission Regulation (EU) No 1178/2011 as amended and as retained (and amended in UK domestic law) under the European Union (Withdrawal) Act 2018 and subject to the conditions specified below, the Civil Aviation Authority hereby certifies that

FSTD Number: **LH-834**  
Serial Number: AgustaWestland Serial No.: 001

**Leonardo AW109SP**

Located at:

**Lufthansa Aviation Training Switzerland AG**

**Balz-Zimmermannstrasse 38  
8302 Kloten  
Switzerland**

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.

For the United Kingdom Civil Aviation Authority,  
Initial Issue      11 November 2021

Signed:   
Mr A Bell  
Principal FSTD Technical Inspector



CAA

**FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE: LH-834  
FSTD SPECIFICATIONS:**

|    |                              |  |
|----|------------------------------|--|
| A. | Type or variant of aircraft: | Leonardo AW109SP   |
| B. | FSTD qualification level     | Helicopter FFS Level B   |
| C. | Primary reference document   | JAR-FSTD H initial issue   |
| D. | Visual system:               | Rockwell Collins / EP 80 / 7 projectors / Day-Dawn-Dusk-Night<br>Barco SIM 7 / LCoS projectors / 220deg x 60deg / Not Collimated |
| E. | Motion system:               | Moog E-Cue 660-8000i / 60 inch / Electro Pneumatic / 6 DOF + 1 DOF<br>Seat Shakers   |
| F. | Engine fit:                  | PWC PW207C   |
| G. | Instrument fit:              | Chelton IDU 450 Display  |
| H. | ACAS fit:                    | ACAS I   |
| I. | Windshear:                   | No profile available   |
| J. | Additional Capabilities:     | None   |
| K. | Restrictions or limitations  | None   |

|                                    |   |       |    |        |           |
|------------------------------------|---|-------|----|--------|-----------|
| L.                                 | Guidance information for training, testing and checking considerations  |       |    |        |           |
| CAT I                              | RVR   | 500 m | DH | 200 ft | yes       |
| CAT II                             | RVR   | 300 m | DH | 100 ft | n/a       |
| CAT III (lowest minimum)           | RVR   | m     | DH | ft     | n/a       |
| LVTO                               | RVR   | 150 m |    |        | yes       |
| Recency                            |   |       |    |        | yes       |
| IFR training / checks              |   |       |    |        | yes / yes |
| Type-rating                        |   |       |    |        | yes       |
| Proficiency checks                 |   |       |    |        | yes       |
| Auto-coupled approach              |   |       |    |        | yes       |
| ACAS I / II                        |   |       |    |        | yes / n/a |
| WX radar                           |   |       |    |        | n/a       |
| GPWS / EGPWS                       |   |       |    |        | yes / n/a |
| Airborne Radar Approach (ARA)      |   |       |    |        | n/a       |
| Night Vision Imaging System (NVIS) |   |       |    |        | yes       |
| Ditching                           |   |       |    |        | n/a       |
| Ship Landing                       |   |       |    |        | n/a       |
| Rig Landing                        |   |       |    |        | yes       |
| Elevated Platform Landing          |   |       |    |        | yes       |
| GPS                                |   |       |    |        | yes       |
| Other:                             | RNP APCH limited to: [LNAV, LNAV/VNAV, LPV and AR], ECS (External Cargo Sling), HHO (Helicopter Hoist Operation), Helicopter Departure in Fog (HDF) according to national regulations, HEMS Scenarios: Mountain, Urban Area and Highway |       |    |        |           |

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