



APPROVED FLIGHT MANUAL SUPPLEMENT

FMS 25.20.05 R4

Airbus Helicopters AS350 Series

Dual Seat Installation

This supplement must be inserted into the supplements section of the basic Flight Manual when the NTech modification MB 25.20.05 (Dual front seat) has been installed.

The information contained herein supplements or supersedes the basic Flight Manual in those areas described. For limitations, procedures, and performance information not contained in this supplement, consult the basic Flight Manual.

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Ben Vos

Date: 14 FEB 2020

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List of Effective Pages

| Pages | Revision | Approved by | Date |
|-------|----------|---------------------------|------------|
| 1-2 | 4 | B. Vos <i>[Signature]</i> | 14-02-2020 |
| 3-5 | 3 | Richard Andrews | 31-07-2015 |

1. GENERAL

Modification MB 25.20.05 installs a dual seat and associated fixed provisions in place of the LH pilot seat in the rotorcraft cabin to provide for the accommodation of an additional passenger. The installation consists of a seat assembly, floor attachments and under floor reinforcement.

2. LIMITATIONS

2.1. Maximum Dual Seat Passenger Weight

The maximum combined weight of passengers secured to the installed dual seat must not exceed 154 kg.

2.2. Placards

The following placard is installed on the left side of the Dual Seat Installation in clear view of installing Flight Crew / Engineers and embarking Passengers.

**MB 25.20.05
DUAL FRONT SEAT
MAX COMBINED PAX
WEIGHT:
154 KG**

3. EMERGENCY PROCEDURES

No change.

4. NORMAL PROCEDURES

4.1. Pre-Flight Inspection

- Inspect seat belts for condition and security.
- Inspect the feet of the dual seat for condition and security.
- Ensure all six seat track attachment fittings are secure and locked into the seat track.

4.2. Installation and Removal

The dual seat may be removed and installed as a complete assembly including seat belts.

Remove the seat by lifting the barrel fittings at each foot of the seat assembly up out of the seat tracks and sliding the whole seat forward or aft to free the feet from the track lips.

Prior to installing the seat assembly inspect the seat assembly and seat belts for condition. If any damage or deterioration is found, consult the rotorcraft maintenance provider/LAME for guidance regarding the serviceability of the assembly. Ensure the seat assembly is serviceable before installing it into the rotorcraft.

Install the dual seat by locating the seat in position on the tracks. Then push down to lift the barrel fittings and slide forward to position the feet pads underneath the lips of the seat track. Check each foot. Slide or rotate the barrel fitting as required to allow it to drop down into the locked position in the seat track.

5. PERFORMANCE

No Change.

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6. WEIGHT AND BALANCE

It is the responsibility of the pilot in command to ensure that the rotorcraft weight and balance limitations are not exceeded throughout the flight.

| Seat Weight (kg) | STA (m) | BL (m) |
|-------------------------|----------------|---------------|
| 8.16 | 1.55 | -0.41 |

Add passenger weights as follows:

| Passenger | STA (m) | BL (m) |
|------------------|----------------|---------------|
| Inward Pax Seat | 1.55 | -0.20 |
| Outward Pax Seat | 1.55 | -0.62 |