



V2500 Repair Program

Features

We are committed to joint development partnerships with technology leaders in the aviation and aerospace industry. Our customers include world renowned manufacturers of airplanes, aircraft engines, helicopters, space launchers and satellites. International airlines and engine maintenance shops apply our competence in bearing diagnosis and repair.

The engine V2500 has been manufactured since 1983 by International Aero Engines (IAE). FAG Aerospace supplies components, including the engine bearings for several bearing locations in the V2500, *Figure 1*.



Figure 1: Main shaft bearing for engine V2500.

Engine variants and applications

The engine V2500 is available in the following variants:

- V2500-A1
- V2522-A5
- V2524-A5
- V2527-A5
- V2530-A5
- V2533-A5
- V2525-D5
- V2528-D5

It is fitted in several types of aircraft, see table.

Applications

| V2500-A1 | V2522-A5 | V2524-A5 | V2527-A5 |
|-------------|-------------|-------------|---------------|
| Airbus A320 | Airbus A319 | Airbus A319 | Airbus A319 |
| – | – | – | Airbus A320 |
| – | – | – | Airbus A319CJ |

Applications (continued)

| V2530-A5 | V2533-A5 | V2525-D5 | V2528-D5 |
|-------------|-------------|----------|----------|
| Airbus A321 | Airbus A321 | MD-90 | MD-90 |

Engine bearings

FAG Aerospace is certified to repair and service engine bearings #1B, #2R, #4R and #5R.

Only original bearing manufacturers are IAE approved to repair or modify their own part numbers in accordance with applicable Service Bulletins, see table.

Overview - bearing locations and bearing types

| Bearing location, bearing type | Part number |
|--------------------------------|-------------|
| #1B | 5A7968 |
| | 5A7969 |
| #2R | 5R6002 |
| | 5R6003 |
| | 5R6004 |
| | 5R6005 |
| #4R | 2A0003 |
| #5R | 2A2136 |
| | 2A2255 |

Certifications

FAG is a maintenance company with certification from the following civil aviation authorities:

- EASA, Repair Station No. DE.145.0127
- FAA, Repair Station No. F2GY854J
- CAAC, Repair Station No. Fo4900413
- TCCA, Repair Station No. 809-23

Every care has been taken to ensure the information in this publication is correct but no liability can be accepted for any errors of omissions. We reserve the right to make technical changes.

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For further information and contacts:
www.fag.com/bearingrepair www.bardenbearings.com

