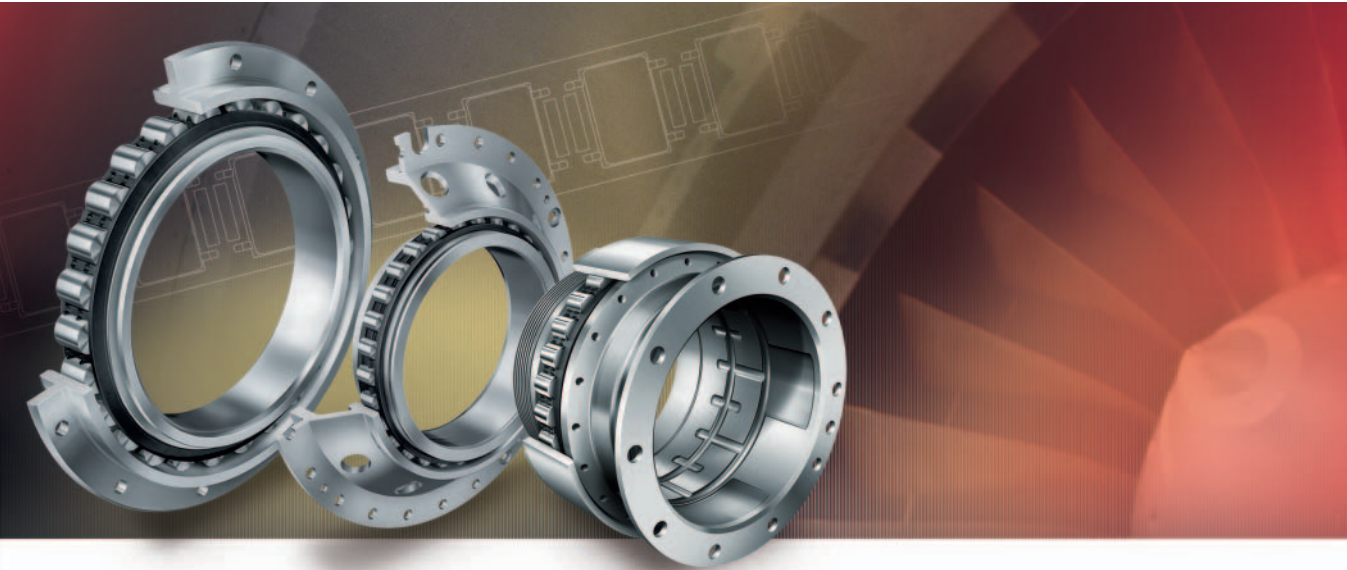


FAG



CFM56 Repair Program

FAG Aerospace

SCHAEFFLER

CFM56 Repair program

Features

We are committed to joint development partnerships with technology leaders in the aviation and aerospace industry. Our customers are 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 CFM56 has been manufactured since 1982 by CFM International (CFMI). FAG Aerospace supplies, amongst other things, the engine bearing for bearing position #4 in CFM56, *Figure 1*.



Figure 1
Engine bearing position #4
in CFM56

Engine variants and applications

The engine CFM56 is available in the following variants:

- CFM56-2 (since 1982)
- CFM56-3 (since 1984)
- CFM56-5A (since 1988)
- CFM56-5B (since mid 1990)
- CFM56-5C (since 1993)
- CFM56-7B (since 1994)

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

Applications

CFM56-2		CFM56-3	CFM56-5A
Boeing 707	E-3	Boeing 737-300	Airbus A320
KC-135R	KE-3	Boeing 737-400	–
–	E-6	Boeing 737-500	–

Applications (continued)

CFM56-5B	CFM56-5C	CFM56-7B	
Airbus A318	Airbus A340-200	Boeing 737-600	C-40
Airbus A319	Airbus A340-300	Boeing 737-700	P-8A
Airbus A320	–	Boeing 737-800	AET&C
Airbus A321	–	Boeing 737-900	–
–	–	Boeing 737-900ER	–
–	–	Boeing 737-BBJ	–

FAG bearing identification

FAG Aerospace is certified to repair and service engine bearings #2R, #3R and #4.

Only original bearing manufacturers are CFMI-approved to repair or modify their own part numbers in accordance with the applicable Service Bulletins, see tables.

Engine bearing #2R

Bearing location	Part number	Engine
#2R	337-108-351-0	-3
		-5A
		-5B
		-5C
	340-257-101-0	-7B

Continuing approval is in place for engine bearing #3R:

Engine bearing #3R

Bearing location	Part number	Engine
#3R	1364M91P05	-5A
		-5B
		-5C
		-7B

In order to improve identification of bearing types, an interchange list of the old and new part numbers is provided:

Engine bearing #4

Bearing location	Part number	
	Old:	New:
#4	335-352-301-0	335-352-304-0
	335-352-302-0	335-352-305-0
	335-352-303-0	-

References for engines and Service Bulletins

Engine	Service Bulletin #4
-2	72-0914
-2A	72-0517
-2B	72-0659
-2C	72-0914
-3	72-0988
-3B	72-0988
-3C	72-0988
-5A	72-0659
-5B	72-0452
-5C	72-0490
-7B	72-0400

The standard turn around time is 18 calendar days between receipt and despatch at FAG.

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. F04900413
- TCCA, Repair Station No. 809-23.

For further information



www.schaeffler.de/aerospace/repair

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Every care has been taken to ensure the correctness of the information contained in this publication but no liability can be accepted for any errors or omissions.

We reserve the right to make technical changes.

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