



CF6 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 CF6 has been manufactured by General Electric (GE) since 1976. FAG Aerospace supplies, amongst other things, the engine bearings for several bearing locations in the CF6, *Figure 1*.



Figure 1: Engine bearing for engine CF6.

Engine variants and applications

The engine CF6 is available in the following variants:

- CF6-50
- CF6-80
- LM2500.

Applications

CF6-50		CF6-80		LM2500
Airbus A300		Airbus	A300	Industrial
Boeing	747	Boeing	A310	Marine
	DC10-30		A330	-
-	-		767	-
-	-	747	-	
-	-	MD-11	-	

Engine bearings

In the engine CF6, there are several approved bearing types for each location, see table.

Overview – Bearing locations and bearing types

Bearing location, bearing type	Part number
#1B	1380M52P01
	1380M52P02
	1459M40P02
	9244M15P03
	9244M15P04
	9312M83P03
	9312M83P04
#2R	1327M96P01
#3R	1962M42P01
	L31708P01
	L31708P02
	1959M19P01
#4B	L43696P01
	1333M87P01
	1333M88P01
	1333M89P01
	1459M42P01
	1665M59P01
	9218M65P01
	9244M51P01
	1959M22P01
	9648M01P10
	9648M01P16
	9648M01P13
	9648M01P14
	91934U104
	L43698P01

Certifications

FAG Aerospace 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.

#4R	1539M66P01
	1539M66P02
	1853M96P01
	1959M21P01
#5R	1327M78P03
	1962M44P01
	1962M45P01
	L31720P01
	1959M23P01
#6R	L43699P01
	9317M51P04
#6R Outer	9317M51P05
#6R Inner	1962M47P01
#7B	1962M46P01
#7R Inner	L43720P01
	L12047P01
#7R Outer	1959M27P01
IGB	1962M48P01
GB Ball	1340M78P01
	1962M49P01
	1962M50P01
GB Roller	1962M58P01
	1962M51P01
	1962M52P01
	1962M54P01
	1962M57P01

B = Ball bearings R = Roller bearings IGB = Internal gear box bearing

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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Not all LM part numbers listed-on competitor positions, contact our Stratford, Ontario location if a part number is missing. The standard turn round time is 18 calendar days between receipt and despatch at FAG Aerospace.

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

