



PT6A 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 PT6A is manufactured by Pratt & Whitney Canada (UTC). FAG Aerospace supplies bearings for several bearings locations in the PT6A, *Figure 1*.



Figure 1: #6 Ball bearing for PT6A engine.

Engine variants and applications

The engine PT6A is available in more than 69 models. Please check IPC for applicability to the model.

Applications

Members of the PT6A family currently power aircraft in service with more than 6,500 operators in more than 170 countries.

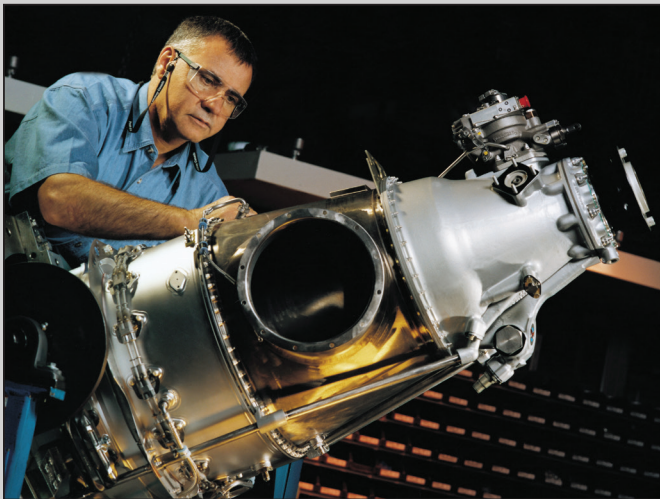


Figure 2: PT6A engine. Photo courtesy of Pratt & Whitney Canada.

Certifications

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

- EASA
- FAA
- CAAC
- TCCA

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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Engine bearings

In the engine PT6A there are several approved bearing types for each location, see table.

Overview – Bearing locations and bearing types

Bearing location, bearing type	Part number
Gear box assembly flanged roller bearing	3010674
	3037278
	3032209
	3028005
	3031724
	3101636-01
	3112367-01
	3112368-01
	3112369-01
	3073908-01
	30071747
	3036488
	303620
#6-B	3028008
	303624
	3101795-01
	3102227-01
	3109584-01
	3072721-01
	3032647
	3100619-01
#5-R	3102465-01
	3107500-01
	3023379
#6-B	3032649
	3100624-01
	3101647-01
	3023378
	3032648
#7-R	3100632-01
	3101634-01
	3107504-01
	3006146
	3028004
	3031717
#2/3R	3032208
	3073900-01
	3102455-01

B = Ball bearings R = Roller bearings

Standard turnaround times are as follows:

- L1 - 7 days
- L2 - 14 days
- L4 - 21 days

For further information and contacts:
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