

Engine – IP Compressor Rotor – Replace

1. Planning Information

A. Effectivity:

This document applies to the following Williams International turbofan engines:

<u>ENGINE MODEL NUMBER</u>	<u>ENGINE PART NUMBER</u>	<u>ENGINE SERIAL NUMBERS</u>
FJ44-4A	73200-200	211002, 211004 – 211051, 211053 – 211064, 211066 – 211109, 211111 – 211154, 211157 – 211222, 211224 – 211274, 211276 – 211377, 211379 – 211403, 211406 – 211503, 211506 – 211512, 211514 – 211593, 211595, 211597
FJ44-4A-32	127000-200	277001 – 277008, 277025, 277026, 277031 – 277038

B. Reason:

To replace the IP compressor rotor with the latest design on the above-listed engines.

C. Compliance:

This service document is **RECOMMENDED** and should be complied with no later than the next Major Periodic Inspection (MPI) or as directed by Williams International.

Revision 5 – Updated the Manpower. This revision has no effect on engines previously in compliance with this service document. Engines previously in compliance with this service document are compliant with this revision and do not need to perform this revision.

D. Coverage:

When performed per the compliance directive above and by a Williams International authorized Line Maintenance Elite service facility or as directed by Williams International:

PROPRIETARY INFORMATION

All information and technical data disclosed herein are the property of Williams International and are not to be duplicated or disclosed to others for any purpose without the written consent of Williams International, Pontiac, MI.

- Materials identified in this service document and ordered through Williams International will be covered for engines on TAP.
- For engines not on a maintenance program, a prorated price for IP compressor rotors ordered through Williams International will be provided, a deposit will be charged, and the other materials identified in this service document and ordered through Williams International will be covered.
- The labor identified in this service document will be covered for all engines.

E. Description:

This service document gives instructions to remove and replace the IP compressor rotor (P/N 119345 or 73029).

F. Approval:

The technical content of this service document is FAA approved as applicable to the engine models and serial numbers identified. It is the aircraft owner/operator responsibility to coordinate with the appropriate aviation authority overseeing the aircraft maintenance and operations, as required, prior to flight.

G. Manpower:

Two engines: 44 hours for all activities or 20 hours for line labor and assistance (access to engines, ground runs, etc., including steps A, S, T, U, and V of the Accomplishment Instructions below).

One engine: 28 hours for all activities or 14 hours for line labor and assistance (access to engine, ground runs, etc., including steps A, S, T, U, and V of the Accomplishment Instructions below).

NOTE: The hours above are subject to adjustment when this document is performed in conjunction with other engine maintenance.

H. Material:

PART NUMBER	NOMENCLATURE	QTY
221931	ROTOR ASSY, IP CPRSR BALANCE	1
78110	O-RING, SPECIAL	1
115505	O-RING	1
73025-01 to 73025-20	SHIM, IPC ROTOR	AR*

*See Accomplishment Instructions Step L.

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