

PW4000 Series - 94” 1st FAN BLADE

Reference

Engine Manual Section 72-31-82

Typical Part Numbers

Phase 0/FB2T P/N's: 52A121, 52A121-001, 52A121-002, 52A121-003

Phase 1/FB2B P/N's: 53A321, 56A511, 56A821, 53A321-001

Phase III/FB2C P/N's: 54A821, 56A621

General Information

Solid Titanium Design, Midspan Shrouds, 38 Blades per Engine
PW4000-94” Stage 1 LPC Blade Assembly.

Aircraft Type : BOEING 747, 767, MD11

AIRBUS A300 and A310

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Available Repair Scope

Basic Overhaul:

Inspect	Engine Manual Inspections, 01 / 02 / 03 / 05
Repair 01	Blend Midspan Shrouds
Repair 02	Airfoil Blending
Repair 03	Airfoil Peen
Repair 05	Blend Root and Platform
Repair 06	Replace Dry Film Lubricant Coating on Root
Repair 07	Root Peen
Repair 08	Replace Platform Seal
Repair 10	Moment Weight Adjustment
Repair 13	Blend Leading Edge Contour
Repair 17	Repair Code Marking
Repair 24	Remove Counterweights

Additional Repair(s):

Repair 04	Replace Tungsten Carbide Midspan Shrouds
Repair 09	Repair Midspan Shroud by Weld Build-up
Repair 21	Repair Tip with Inserts EB welded in position
Repair 14	Straighten Tip, Leading and Trailing Edges
Repair 15	Restore Tip Length Repair Tip by Weld Build-up (not available for Phase 0 / Phase 1)
Repair 22	Repair Leading or Trailing Edges with EB Welded Inserts

Service Bulletins

SB 72-655	Increasing Leading Edge Radius
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