



PW 4000 Series - 100" Stage 1 FAN BLADE

Reference

Engine Manual Section 72-31-82

Typical Part Numbers

55A221-001,-002,-003,-004; 57A721, 57A721-001; 57A821, 57A821-001, 58A121

General Information

Solid Titanium Design, Midspan Shrouds, 34 Blades per Engine, PW4000-100" Stage 1 LPC Blade Assembly (PW4164, PW4168, PW4168A and PW4170).

Aircraft Type : Airbus A330

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 Antigallant Root Coating
Repair 07	Root Peen
Repair 08	Replace Platform Seal
Repair 10	Moment Weight Adjustment
Repair 17	Repair Code Marking
Repair 23	Blend Leading Edge Contour
Repair 24	Remove Counterweights

GKN Available Additional Repair(s):

Repair 04	Replace Midspan Tungsten Carbide Coating
Repair 14	Straighten Tip, Leading and Trailing Edges
Repair 15	Repair Tip by Weld Build-up
Repair 19	Repair Midspan Shroud by Weld Build-up
Repair 26	Repair LE Tip Only with EB Welded Insert
Repair 27	Repair LE with a Long EB Welded Insert
Repair 28	Replace Root Plasma/Antigallant Coating
SB 72-175	Incorporation more Durable Root Coating

GKN Aerospace Repair Solutions West
1150 West Bradley Avenue
El Cajon, CA 92020
Visit us at: www.gknaerospace.com/fan-blade-repair