



GKN Aerospace
Chem-tronics Inc.

P&W 4000 Series – 94”

STAGE 1 FAN BLADE

Reference

Engine Manual 72-31-82

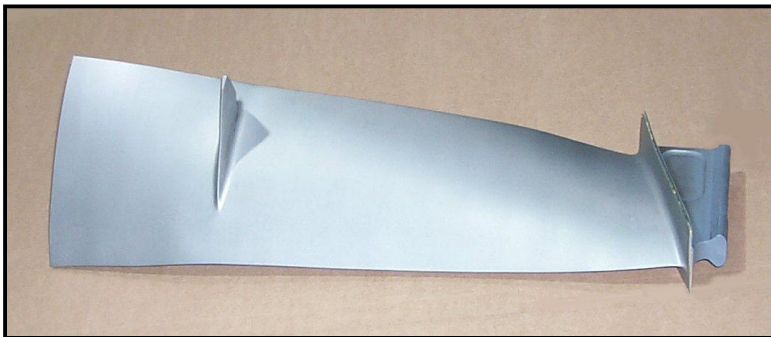
Typical Part Numbers

52A121, 52A121-001, 53A201, 53A321, 53A331, 54A821, 54A831,
56A511, 56A521, 56A201-001, 56A621, 56A631, 56A821, 56A831

General Information

Solid Titanium Design, Midspan Shrouds, 38 Blades per Engine

Aircraft Type: B747, B767, A300, A310, MD11



1150 West Bradley, El Cajon, CA 92020

www.chem-tronics.com (619) 258-5229

Available Repair Scope

Basic Overhaul:

Engine Manual Inspections	
Repair 1	Blend Midspan Shrouds
Repair 2	Airfoil Blending
Repair 3	Airfoil Peening
Repair 5	Blend Root and Platform
Repair 6	Replace Dry Film Lubricant Coating on Root
Repair 7	Root Peening
Repair 8	Replace Platform Seal
Repair 10	Moment Weight Adjustment
Repair 13	Restore Leading Edge Contour
Repair 17	Repair Code Marking
Repair 24	Remove Counterweights

Additional Repairs:

Repair 4	Replace Tungsten Carbide Coating on Midspan Shrouds
Repair 9	Repair Midspan Shroud by Weld Buildup
Repair 12/21	Repair Tip with Inserts EB Welded in position
Repair 14	Straighten Tip, Leading Edge, and Trailing Edge
Repair 15	Restore Tip Length Weld Buildup
Repair 16/22	Repair Leading or Trailing Edges with Inserts EB Welded in position

Service Bulletins

SB 72-536	Hone Midspan Shroud Coating
SB 72-655	Increasing Leading Edge Radius

Proprietary Information - Revised 03-15-2006