



GKN Aerospace  
Chem-tronics Inc.

# P&W JT8D-200 Series

## STAGE 1 FAN BLADE

### Reference

Engine Manual 72-33-21

### Typical Part Numbers

798821, 808121, 809221, 811821, 851621, 854021, 851121,  
5000021-02, 5000021-022, 5000021-032, 5000021-042

### General Information

Solid Titanium Design, Midspan Shrouds, 34 Blades per Engine

Aircraft Type: MD80



1150 West Bradley, El Cajon, CA 92020

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

## Available Repair Scope

### Basic Overhaul:

Engine Manual Inspections

- |          |   |
|----------|---|
| Repair 1 | Airfoil Blending  |
| Repair 2 | Root Peening and Replace Dry Film Lubricant Coating on Root |
| Repair 3 | Replace Platform Seal                                       |
| Repair 4 | Glass Bead Peen Airfoil                                     |
| Repair 8 | Leading Edge Erosion Repair (SB 5743)                       |

### Additional Repairs:

- |          |   |
|----------|---|
| Repair 5 | Airfoil Straightening   |
| Repair 6 | Repair Leading Edge or Tip with Inserts EB Welded in position |
| Repair 7 | Repair Midspan Shrouds by Weld Buildup                        |
| Repair 9 | Replace Tungsten Carbide Coating on Midspan Shrouds           |

### Service Bulletins

- |         |  |
|---------|--|
| SB 5625 | Conversion of P/N 5000021-02 to 5000021-022 by Tip Lengthening |
| SB 5743 | Leading Edge Erosion Repair (Repair 8)                         |
| SB 6174 | Leading Edge Cutback by Blending                               |
| SB 6193 | 55 Degree Midspan Shroud Modification                          |

*Proprietary Information - Revised 03-15-2006*