



CFM56-3 1st STAGE FAN Blade

Reference

Engine Manual 72-21-01

Typical Part Numbers

25o : 9527M99P08 - P11, 1285M39P01

37o : 1663M24P01 - P05, 1590M21P01,

Pair Set Nos. 335-088-901 thru -904, 335-088-951

General Information

Solid Titanium Design, Midspan Shrouds, 38 Blades per Engine

Aircraft Type :Boeing B737-300, -400, -500

Available Repair Scope

Basic Overhaul:

Engine Manual Inspections including Root ECI

Special Procedure 1 - Moment Weigh & Re-identification

Repair 1 Airfoil Blending

Repair 2 Apply Cu-Ni-In Thermal Spray and Dry Film Lubricant to Root

Repair 3 Reconditioning of Midspan Shrouds

Repair 4 Shot Peening of Fan Blade

Repair 10 Rework of Root Dovetail Pressure Faces

Repair 15 Repair Damage on the Platform Underside

Repair 18 Repair Erosion/Pitting on Shroud Face to Airfoil Contour Fillet Radius

Repair 21 Blending of the mid-span shrouds (37°)

Additional Repairs:

Repair 5 Replace Tungsten Carbide Coating on Midspan Shroud Faces

Repair 6 Recondition Midspan Shroud Faces by Weld Buildup

Repair 7 Airfoil Straightening

Repair 8 Recondition Blade Tip by Weld Buildup

Repair 9 Repair Leading & Trailing Edges with Inserts EB Welded in position

Repair 11 Apply Ni-Al/Al Coating on Tip of Convex Midspan Shroud

Service Bulletins

SB 72-543 37o Midspan Shroud Modification

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