

# CFMI CFM56-3 STAGE 1 FAN BLADE

## Reference

Engine Manual 72-21-01

## Typical Part Numbers

25° : 9527M99P08 - P11, 1285M39P01

37° : 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



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## 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 37° Midspan Shroud Modification