

# GE CF6-80C2 STAGE 1 FAN BLADE

## Reference

Engine Manual 72-21-01

## Typical Part Numbers

1277M30P06, 1338M51P01 to P06,  
2621M21P01 to P04 and P06

## General Information

Solid Titanium Design, Midspan Shrouds, 38  
Blades per Engine

Aircraft Types: A300-600, A310-200/-300,  
B747-200/-300/-400, B767-200/-300/-400,  
MD11



1150 West Bradley, El Cajon, CA 92020

Phone: (619) 258-5109

E-mail: [Repairs@USA.GKNAerospace.com](mailto:Repairs@USA.GKNAerospace.com)

Visit us at: [www.gkn.com/fan-blade-repair](http://www.gkn.com/fan-blade-repair)

## Available Repair Scope

### Basic Overhaul:

|                           |   |
|---------------------------|---|
| Engine Manual Inspections |   |
| Repair 3                  | Vibratory Finish Airfoil  |
| Repair 4                  | Peen Airfoil and Root   |
| Repair 5                  | Airfoil Blending  |
| Repair 7                  | Apply Cu-Ni-In Thermal Spray and Dry Film Lubricant Coatings on Root Surfaces     |
| Repair 11                 | Repair Midspan Shrouds by Blending  |
| Repair 13                 | Repair Fretting, Nicks, Dents, & Scratches on Dovetail Pressure Faces by Blending |
| Repair 16                 | Moment Weight Procedure   |

### Additional Repairs:

|               |   |
|---------------|---|
| Repair 17     | Replace Tungsten Carbide Coating on Midspan Shroud Faces          |
| Repair 6 / 18 | Replace Dovetail/Platform Seal                                    |
| Repair 8      | Repair Leading & Trailing Edge with Inserts EB Welded in position |
| Repair 9      | Recondition Blade Tip by Weld Buildup                             |
| Repair 10     | Repair Midspan Shroud by Welding                                  |
| Repair 12     | Airfoil Straightening   |
| Repair 14     | Repair Fretting on Dovetail Pressure Faces by Machining           |
| SB 72-1495    | Leading Edge Alteration Repair (PIP)                              |
| Repair 24     | Leading Edge Contour Repair (2621M21P0_)                          |