



GKN Aerospace  
Chem-tronics Inc.

# Rolls Royce RB211-535E4

## STAGE 1 FAN BLADE

### Reference

Engine Manual 72-31-11

### Typical Part Numbers

UL16171, UL16182, UL19634, UL20044, UL20132, UL20616, UL21345,  
UL24525, UL24528, UL24530, UL24532, UL24534, FW12371, FW12368,  
FW12379, FW12377, FW12309, FW12308, UL29511, UL29556

### General Information

Hollow Titanium Design, No Shrouds, 22 Blades per Engine

Aircraft Type: B757



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## Available Repair Scope

### Basic Overhaul:

Engine Manual Inspections including C-Scan	
FRS 1553	Replace Dry Film Lubricant
FRS 5025	Airfoil Cropping and Scalloping
FRS 5264	Airfoil Blending
FRS 5392	Vibratory Polish Airfoil Services
FRS 5472	Plasma Spray Dovetail Pin
FRS 5667	Replace Chocking Pads and Apply Dry Film Lubricant
FRS 5675	Replace Airfoil Paint & Touch Up
FRS 5688	Peen Dovetail Root
FRS 5724	Weld Repair Root Pin

### Additional Repairs:

FRS 7034	Replace Root Stop Lug
FRS 5771	Plasma Spray Root Tang
FRS 7035	Reapply Metco 58 Blade Root Coating

### Service Bulletins:

SB 72-8354	Install Chocking Pads and Apply Dry Film Lubricant to Root
SB 72-D083	Binocular Inspect Fan Blade
SB 72-9660	Ultrasonic Inspection and Tap Test
SB 72-C879	Ultrasonic Inspect Root
SB 72-C946	Modify by Applying Metco 58 to Root

*Proprietary Information - Revised 03-15-2006*