



GKN Aerospace
Chem-tronics Inc.

Rolls Royce RB211-524

STAGE 1 FAN BLADE

-524 B3, B4, D4 Marks

Reference

Engine Manual 72-31-11

Typical Part Numbers

LK69300, LK74712, LK75126, LK75129, LK77489, LK81096, UL19659,
UL19846, UL24861, UL24862, UL24863, UL24117, UL38255, UL38256

General Information

Solid Titanium Design, Midspan Shrouds, 33 Blades per Engine

Aircraft Type: L-1011, B747



Available Repair Scope

Basic Overhaul:

Engine Manual Inspections including ECI of Root Faces
FRS 7176 Root Dovetail Peening
FRS 1070 Replace Dry Film Lubricant
FRS 3902/4382/4494/4758 Airfoil Blending
FRS 3998 Shank Blend Repair
FRS 4605 Platform Blending

Additional Repairs:

FRS 4289 Repair Clapper Faces by Weld Buildup
FRS 4289/5228/5587/5836 Replace Tungsten Carbide
Coating on Clapper Faces
FRS 4446/4585 Airfoil Straighten
FRS 5457 Vibratory Polish Airfoil Surfaces

Service Bulletins:

SB 72-5880 Visual Inspect Root
SB 72-8046 Modify Clapper Angle
SB 72-6826 Re-location of Identity Markings on the Root
Platform



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