

DOCKET NO.: SA-515

**NATIONAL TRANSPORTATION SAFETY BOARD
WASHINGTON, D.C.**

MAINTENANCE GROUP CHAIRMAN'S FACTURAL REPORT

ATTACHMENT 10

**DELTA AIR LINES JT8D-219
EMMP HEAVY MAINTENANCE PLAN**

(1 PAGE)

RESTORATION FOR HUB

HEAVY MAINTENANCE

PART	JT8D-219 E.M. REFERENCE	NDT	INSPECTION REQUIREMENTS:
Front Compressor Group (N1 Rotor):	72-33-00		Front Compressor Group (N1 Rotor):
Tie Rods	72-33-13, INSP-01	YES	Dimensionally inspect and replace antigalling compound.
Nuts, Tie Rod	72-33-14, INSP-01	YES	NDT and visually inspect.
Fan Blades, 1st Stage	72-33-21, INSP-01	YES	Dimensionally inspect and restore L.E. radius/chamfer..
Blades, 1.5 thru 6th	72-33-22, -23, -24, -25, -26 & -27, INSP-00 & -01	YES	Restore blade L.E. radius, glass bead peen and restore airfoil surface finish.
Hub, 1st Stage Fan	72-33-31, INSP-01	YES	Dimensionally inspect and shotpeen blade slots..
Disks and 4th stage hub	72-33-32, -33, -34, -35, -36 & -37; INSP-01	YES	Dimensionally inspect all disks and 4th stage hub. Replace 1.5 thru 6th stage disk blade slot antigalling compound. Replace antigallant compound on 4th stage rear hub splines.
Seal Assy, 1st Stage	72-33-48, INSP-01	NO	Dimensionally inspect, if evidence of wear exists.
1st Stage Compressor Stator	72-33-51, INSP-01	NO	Dimensionally inspect K.E. seal land, inner shroud deflection and rear bumper wear.
1.5 Stage Compressor Stator	72-33-52, INSP-01	NO	Dimensionally inspect slot wear. Visually inspect using 3X magnification.
Stators, 2nd thru 5th Stages	72-33-53, -54, -55 & -56, INSP-01	NO	Dimensionally inspect.
1.5 Compressor Duct	72-33-61, INSP-01	NO	Dimensionally inspect snap diameter and rubstrip wear.
2nd thru 4th Compressor Cases	72-33-62, -63 & -64, INSP-01	NO	Dimensionally inspect and replace rubstrip.
Front Fan Case	72-33-66, INSP-01	NO	Dimensionally inspect snap diameters.
Rear Fan case	72-33-67, INSP-01	NO	Dimensionally inspect snap diameters.
Fan Exit Fairing	72-33-70, INSP-01	NO	Dimensionally inspect snap diameters.
Turbine Shaft Coupling	72-33-81, INSP-01	YES	Inspect and replace silver plating.
Turbine Shaft Coupling Lock	72-33-82, INSP-01	YES	Visually inspect and replace cadmium plate.

P&W MANUAL

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FROM DELTA ENGINE RF

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