

MTU MAINTENANCE DALLAS

Capabilities List Manual

Revision 20



FAA REPAIR STATION NO. R0OR948X

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Record of Revision

Retain this Record in the Manual. Upon receipt of revisions, insert revised pages in the Manual and enter the revision number, revision date, insertion date, and signature of person incorporating the revision in the appropriate block on the record of revisions.

Revision No.	Revision Date	Insertion Date	Signature
Original	24MAY2006		
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14	10FEB2011	14FEB2011	
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20	13JAN2012	18JAN2012	<i>Dale Sange</i>

Capabilities list Manual

The repair station Capabilities List manual will be handled as any other controlled document at MTU Maintenance Dallas. Reference the RSQM for details. The repair station Capabilities List manual may be revised independently or in conjunction with the RSQM.

This manual provides a vehicle for MTU Maintenance Dallas to capture and maintain the repair stations list of capabilities ratings.

This Repair Station will maintain a capabilities list manual which will specifically reference the work that the Repair Station is rated to perform. Only those Engines/airframes/components/accessories listed will be approved for return to service. Any new engines/airframes/components/accessories will not be added to the capabilities list manual and will not be approved for return to service until the Director of Maintenance performs and documents the self evaluation reference RSQM (MTUD Form 76). Providing all of the criteria set forth by CFR's are met, the capabilities list manual will then be updated to reflect the new ratings.

The certificate holding district office will be notified immediately of any new revision to the capabilities list manual.

The repair stations capabilities list manual will be kept in a format acceptable to the administrator.

All personnel will be thoroughly familiar with the Capabilities List and limitations of this Repair Station.

Reference the MTU Maintenance Dallas RSQM section 1.7 for further instructions for revising the capabilities list.

One official hard copy of The Capabilities list manual will be kept. Copy number one (master) in the Quality Managers office.

The Capabilities list manual will also be kept in electronic format with one official copy that will be provided to the local FAA administrator. And an official electronic copy kept on the Quality drive of the company data base system.

The actual capabilities list matrix contained in this manual may be copied and distributed as required, the date and revision status should be verified with the master copy to ensure the list is current. If hard copies are made the terms "reference only" should be noted on the form or if electronically held note reference only in the in the correspondence.

**MTU MAINTENANCE DALLAS
CAPABILITIES LIST**

RATINGS and LIMITATIONS

**MINOR ON WING MAINTENANCE
TO INCLUDE:**

List also applicable to work performed at other Part 145

Repair Stations:

AIRFRAME:

	ENGINE R & R	OEC BUILD UP	AIRFRAME INSP	MPA Run-up VIB SURVEY	R&R ACC & COMPONENTS	PERFORM SYSTEMS & AVIONICS TESTS RELATED TO ENGINES	AIRFRAME & POWERPLANT On Call	"A Checks" AIRFRAME & POWERPLANT
McDONNELL DOUGLAS								
MCD DC-9 SERIES	X	X	X	X	X	X	X	X
MD-80 SERIES	X	X	X	X	X	X	X	X
MD90 SERIES	X	X	X	X	X	X	X	X
DC10/MD10/MD11	X	X	X	X	X	X	X	

BOEING								
B727-SERIES	X	X	X	X	X	X	X	
B737-SERIES	X	X	X	X	X	X	X	X
B757-SERIES	X	X	X	X	X	X	X	X
B747-SERIES	X	X	X	X	X	X	X	X
B767-SERIES	X	X	X	X	X	X	X	
B777-SERIES	X	X	X	X	X	X	X	

AIRBUS								
A300/A310	X	X	X	X	X	X	X	
A318/A319/A320/321	X	X	X	X	X	X	X	X

CANADAIR REGIONAL JET								
CRJ100/200/700/900	X	X	X	X	X	X	X	
CL-601/CL-604	X	X	X	X	X	X		

LOCKHEED								
L1011 SERIES	X	X	X	X	X	X		

EMBREAR								
170/175 SERIES	X	X	X	X	X	X	X	
190 SERIES	X	X						

ALL MAINTENANCE PERFORMED IAW OEM MAINTENANCE MANUALS, PART 121/135 AIR CARRIER MAINTENANCE PROGRAM (CAMPL)

PART 125/129 APPROVED MAINTENANCE PROGRAMS OR OTHER DATA APPROVED BY ADMINISTRATOR

Accountable Manager approval: *[Signature]*

**MTU MAINTENANCE DALLAS CAPABILITIES LIST
RATINGS and LIMITATIONS**

List also applicable to work performed at other Part 145 Repair Stations.

POWERPLANT: CF34

	CF34-3	CF34-8	CF34-10
Low Pressure Compressor			
General Maintenance, Inspection and Repair to include:	X	X	
Fan Blade removal and Lubrication	X	X	
Fan Disk Removal and Replacement	X	X	
Fan Case Liner Repair and Replacement	N/A	N/A	
Fan Stator Removal and Replacement			
High Pressure Compressor			
General Maintenance, Inspection and Repair to include:	X	X	
Top Case			
Bottom Case			
BoreBlend	N/A	N/A	
Compressor Section			
General Maintenance, Inspection and Repair to include:	X	X	
Liner Replacement			
High Pressure Turbine			
General Maintenance, Inspection and Repair to include:	X	X	
HPT Rotor and Stator Swap			
Low Pressure Turbine			
General Maintenance, Inspection and Repair to include:	X	X	
LPT Module Swap			
TRF Module			
General Maintenance, Inspection and Repair to include:			
Exhaust Frame assembly removal and installation			
AGB (Accessory Gearbox)			
General Maintenance, Inspection and Repair to include:	X	X	
Gearbox Replacement	X	X	
BoreScope Inspection	X	X	X
Engine Removal and Reinstallation	X	X	X
QEC Build-up or Swap	X	X	X
Replacement of External Accessories and Components	X	X	
Continue Time Inspection: (Verify AD Compliance, External visual Inspections, Observe MPA Data, BoreScope)	X	X	X
Operational Test and Run-up	X	X	

ALL MAINTENANCE PERFORMED IAW OEM MAINTENANCE MANUALS, PART 121/135 AIR CARRIER MAINTENANCE PROGRAM (CAMP), PART 125/129 APPROVED MAINTENANCE PROGRAMS OR OTHER DATA, APPROVED BY ADMINISTRATOR

Accountable Manager approval: _____



**MTU MAINTENANCE DALLAS CAPABILITIES LIST
RATINGS and LIMITATIONS**

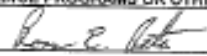
List also applicable to work performed at other Part 145 Repair Stations.

POWERPLANT: CF6

	CF6-6	CF6-80	CF6-89
Low Pressure Compressor			
General maintenance, Inspection and Repair to include:	X	X	X
Fan Blade removal and Lubrication	X	X	X
Fan Disk Removal and Replacement	X	X	X
Fan Case Liner Repair and Replacement	X	X	X
Booster Removal and Replacement	X	X	X
High Pressure Compressor			
General Maintenance, Inspection and Repair to include:	X	X	X
Top Case Removal and Replacement	X	X	X
Bottom Case Removal and Replacement	X	X	X
Boreblend			
Compressor Section			
General Maintenance, Inspection and Repair	X	X	X
High Pressure Turbine			
General Maintenance, Inspection and Repair	X	X	X
Low Pressure Turbine			
General Maintenance, Inspection and Repair to include:	X	X	X
LPT Upper Case Removal and Replacement	X	X	X
LPT Lower Case Removal and Replacement	X	X	X
TRF Module			
General Maintenance, Inspection and Repair to include:	X	X	X
Turbine Rear Frame Removal and Replacement			
Accessory Gear Box			
General Maintenance, Inspection and Repair to include:	X	X	X
Accessory Gearbox Removal and Replacement	X	X	X
Transfer Gearbox Removal and Replacement			
Borecope Inspection	X	X	X
Engine Removal and Reinstallation	X	X	X
GEC Build-up or Swap	X	X	X
Replacement of External Accessories and Components	X	X	X
Power Conversion PMC, MEC	X	X	X
Power Conversion Plug Replacement and Data Tag update	X	X	X
Continue Time Inspection: (Verify AD Compliance, External visual Inspections, Observe MPA Data, Borecope)	X	X	X
Operational Test and Run-up	X	X	X

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Accountable Manager approval: _____



**MTU MAINTENANCE DALLAS CAPABILITIES LIST
RATINGS and LIMITATIONS**

List also applicable to work performed at other Part 145 Repair Stations.

POWERPLANT: CFM56

	CFM56-3	CFM56-5	CFM56-7
Low pressure Compressor			
General Maintenance, Inspection and Repair to include:	X	X	X
Fan Blade removal and Lubrication	X	X	X
Fan Disk Removal and Replacement			
Fan Case Liner Replacement			
High Pressure Compressor			
General Maintenance, Inspection and Repair to include:	X	X	X
Top Case			
Bottom Case			
Boreblend	X	X	X
Compressor Section			
General Maintenance, Inspection and Repair	X	X	X
High Pressure Turbine			
General Maintenance, Inspection and Repair	X	X	X
Low Pressure Turbine			
General Maintenance, Inspection and Repair	X	X	X
TRF Module			
General Maintenance, Inspection and Repair to include:	X	X	X
Turbine Frame Removal and Replacement			
Accessory Gear Box			
General Maintenance, Inspection and Repair to include:	X	X	X
Accessory Gear Box Removal and Replacement	X	X	X
Transfer Gear Box Removal and Replacement	X	X	X
Borecope Inspection	X	X	X
Engine Removal and Reinstallation	X	X	X
QEC Build-up or Swap	X	X	X
Replacement of External Accessories and Components	X	X	X
Power Conversion PMC, MEC and/or VSV actuators	X	N/A	N/A
Power Conversion Plug Replacement and Data Tag update	N/A	X	X
Continue Time Inspection: (Verify AD Compliance, External visual Inspections, Observe MPA Data, Borecope)	X	X	X
Operational Test and Run-up	X	X	X

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Accountable Manager approval: *Ronald E. Rota*

**MTU MAINTENANCE DALLAS CAPABILITIES LIST
RATINGS and LIMITATIONS**

List also applicable to work performed at other Part 145 Repair Stations.

POWERPLANT: Pratt and Whitney

	JT8D Series	JT9D	PW2000	PW4000
Low pressure Compressor				
General Maintenance, Inspection and Repair to include:		X	X	X
Fan Blade removal and Lubrication		X	X	X
Fan Disk Removal and Replacement				
Fan Case Liner Repair and Replacement			X	X
High Pressure Compressor				
General Maintenance, Inspection and Repair				
Compressor Section				
General Maintenance, Inspection and Repair				
High Pressure Turbine				
General Maintenance, Inspection and Repair				
Low Pressure Turbine				
General Maintenance, Inspection and Repair				
TRF Module				
General Maintenance, Inspection and Repair				
Accessory Gearbox				
General Maintenance, Inspection and Repair to include:	X	X	X	X
Removal and Replacement	X	X	X	X
Borecope Inspection	X	X	X	X
Engine Removal and Reinstallation	X	X	X	X
QEC Build-up or Swap	X	X	X	X
Replacement of External Accessories and Components	X	X	X	X
Blade Scrape C-1	N/A	N/A	X	X
Continue Time Inspection: (Verify AD Compliance, External visual Inspections, Observe MPA Data, Borecope)	X	X	X	X
Operational Test and Run-up	X	X	X	X

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Accountable Manager approval: *Ron E. Pote*

**MTU MAINTENANCE DALLAS CAPABILITIES LIST
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POWERPLANT: Rolls Royce and GE90

	RB211	Trent 800	GE90
Low pressure Compressor General Maintenance, Inspection and Repair to include:			X
Fan Blade removal and Lubrication			X
Fan Disk Removal and Replacement			
Fan Stator Removal and Replacement			
High Pressure Compressor General Maintenance, Inspection and Repair to include:			
Top Case			
Bottom Case			
Bore Blend			
Compressor Section General Maintenance, Inspection and Repair			
High Pressure Turbine General Maintenance, Inspection and Repair			
Low Pressure Turbine General Maintenance, Inspection and Repair			
TRF Module General Maintenance, Inspection and Repair to include:			
Exhaust Frame assembly removal and installation			
AGB (Accessory Gearbox) General Maintenance, Inspection and Repair to include:			X
Gearbox Replacement			X
Borecope Inspection	X	X	X
Engine Removal and Reinstallation	X	X	X
QEC Build-up or Swap	X	X	X
Replacement of External Accessories and Components	X	X	X
Continue Time Inspection: (Verify AD Compliance, External visual Inspections, Observe MPA Data, Borecope)	X	X	X
Operational Test and Run-up	X	X	X

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Accountable Manager approval: 

**MTU MAINTENANCE DALLAS CAPABILITIES LIST
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List also applicable to work performed at other Part 145 Repair Stations.

POWERPLANT: V2500

	V2500-A1	V2500-A5	V2500-D5
Low pressure Compressor General Maintenance, Inspection and Repair to include:	X	X	X
Fan case Attrition Liner, Anti-ice Panel & Acoustic panel	X	X	X
Fan Blade removal and Lubrication	X	X	X
TAP testing	X	X	X
High Pressure Compressor General Maintenance, Inspection and Repair to include:	X	X	X
Top Case			
Bottom Case			
Boreblend			
Combustor Section General Maintenance, Inspection and Repair to include:	X	X	X
Fuel Nozzle replacement			
High Pressure Turbine General Maintenance, Inspection and Repair	X	X	X
Low Pressure Turbine General Maintenance, Inspection and Repair	X	X	X
Accessory Gearbox General Maintenance, Inspection and Repair to include:	X	X	X
Removal and Replacement	X	X	X
Borescope Inspection	X	X	X
Engine Removal and Reinstallation	X	X	X
QEC Build-up or Swap	X	X	X
Replacement of External Accessories and Components	X	X	X
Continue Time Inspection: (Verify AD Compliance, External visual inspections, Observe MPA Data, Borescope)	X	X	X
Operational Test and Run-up	X	X	X

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Accountable Manager approval: *Ron E. [Signature]*

**MTU MAINTENANCE DALLAS CAPABILITIES LIST
RATINGS and LIMITATIONS**

List also applicable to work performed at other Part 145 Repair Stations.

ACCESSORIES:

Auxiliary Power Units

	Inspection and Borescope	Operational Run/test	Replacement of External engine mounted Acc & components
HONEYWELL/GARRETT			
GTCP35-100/150/150W, Series APU General Maintenance, Inspection and Repair	X	X	X

List also applicable to work performed at other Part 145 Repair Stations.

COMPONENTS:

Inspect/Repair/Overhaul

	Aft Mount P/N 740-2040 Inspect/Overhaul Per Goodrich Aerostructures CMM 71-22-11	Fwd Mount P/N 745-2010 Inspection Per ANM 71-21-12
A319/A320/A321, V2500-A1/A5 Engine Mount	X	X

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Accountable Manager approval: *Ross C. [Signature]*