



MTU Maintenance Dallas, Inc.
Integrated Management System
MM 03D-03 Capability List Manual

Chapter 0
Page 1 of 15
Revision: 03
Date: 01JAN2015



FAA-Approved Repair Station No. R0OR948X

EASA No. 145.6205

**615 Westport Parkway, Suite 600
Grapevine, TX 76051**

A handwritten signature in black ink, appearing to read "Stacy Pervis".

Stacy Pervis
Director of Maintenance

A handwritten signature in black ink, appearing to read "Ross Retan".

Ross Retan
Accountable Manager

A handwritten signature in black ink, appearing to read "Dale Gange".

Dale Gange
Quality Manager



0.1 Table of Contents

0	Title Page	1
0.1	Table of Contents.....	2
0.2	List of Effective Pages.....	3
0.3	Record of Revision.....	4
0.4	Reserved.....	5
0.5	Distribution List	6
1	Introduction.....	7
1.1	Airframe.....	8
1.2	CF-34	9
1.3	CF6	10
1.4	CFM56.....	11
1.5	Pratt & Whitney.....	12
1.6	GE 90	13
1.7	V2500.....	14
1.8	Accessories	15
1.9	Components	15
1.10	Non-Destructive Testing.....	15



0.3 Record of Revisions

Amendment/ Issue Number	Reason for revision	Amendment/ Issue Date	Author
Initial	Management Manual	01NOV2012	Dale Gange
01	Housing and facility change of location to 615 Westport Parkway, Grapevine Texas	01NOV013	Dale Gange
02	Removal of Pratt and Whitney JT8 and JT9 series engine approvals	05FEB2014	Dale Gange
03	Removal of Accessory and Component sections	01JAN2015	Dale Gange

Amendment number 03 dated 01JAN2015

This issue / amendment has been internally reviewed by Quality Manager:

Signature: Dale Gange

Date of review: 06JAN2015



**MTU Maintenance Dallas, Inc.
Integrated Management System
MM 03D-03 Capability List Manual**

Chapter 0
Page 5 of 15
Revision: 03
Date: 01JAN2015

0.4 Reserved



0.5 Distribution List

COPY NUMBER	HOLDER	FORMAT
Copy No. 1	Quality Manager	Hard Copy
Copy No. 2	FAA	CD



1.0

Capabilities list Manual

Introduction

The repair station Capabilities List manual will be handled as any other controlled document at MTU Maintenance Dallas. Reference the **MM 02D-02** 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 evaluations as required by **MM 02D-02** Section **5.1** and **OPD-05-01** and recorded on Form **FO-SW-017**. 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 **OPD 05-01**.

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 **OPD-05-01** 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 correspondence.



**MTU Maintenance Dallas, Inc.
Integrated Management System
MM 03D-03 Capability List Manual**

Chapter 1
Page 8 of 15
Revision: 03
Date: 01JAN2015

MTU MAINTENANCE DALLAS CAPABILITIES LIST

RATINGS and LIMITATIONS

ENGINE ON WING MAINTENANCE TO INCLUDE:

1.1 AIRFRAME:

	ENGINE R & R	AIRFRAME PYLON INSP	MPA Run-up Observation and Recording	PERFORM SYSTEMS & AVIONICS TESTS RELATED TO ENGINES
McDONNELL DOUGLAS				
MD90 SERIES	X	X	X	X
DC10/MD10/MD11	X	X	X	X
BOEING				
B737-SERIES	X	X	X	X
B757-SERIES	X	X	X	X
B747-SERIES	X	X	X	X
B767-SERIES	X	X	X	X
B777-SERIES	X	X	X	X
AIRBUS				
A300/A310	X	X	X	X
A318/A319/A320/321	X	X	X	X
CANADAIR REGIONAL JET				
CRJ100/200/700/900	X	X	X	X
CL-601/CL-604	X	X	X	X
EMBREAR				
170/175 SERIES	X			
190 SERIES	X			

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Accountable Manager approval: _____ *Ross E. Nelson*



**MTU Maintenance Dallas, Inc.
Integrated Management System
MM 03D-03 Capability List Manual**

Chapter 1
Page 9 of 15
Revision: 03
Date: 01JAN2015

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

1.2 POWERPLANT: CF34

	CF34-3	CF34-8	CF34-10
Low Pressure Compressor			
General Maintenance, Inspection and Repair to include:	X	X	X
Fan Blade removal and Lubrication	X	X	
Fan Disk Removal and Replacement	X	X	
High Pressure Compressor			
General Maintenance, Inspection and Repair to include:	X	X	X
Top Case	X	X	X
Bottom Case	X	X	X
Bore Blend	N/A	N/A	X
Combustor Section			
General Maintenance, Inspection and Repair to include:	X	X	X
Liner Replacement	X	X	
High Pressure Turbine			
General Maintenance, Inspection and Repair to include:	X	X	X
HPT Rotor and Stator Swap	X	X	
Low Pressure Turbine			
General Maintenance, Inspection and Repair to include:	X	X	X
LPT Module Swap	X	X	
TRF Module			
General Maintenance, Inspection and Repair to include:	X	X	X
Exhaust Frame assembly removal and installation	X		X
AGB (Accessory Gearbox)			
General Maintenance, Inspection and Repair to include:	X	X	X
Gearbox Replacement	X	X	X
Borescope Inspection	X	X	X
QEC Build-up and Installation	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
SCHEDULED MAINTENANCE PROGRAM ITEMS	X	X	X

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MTU Maintenance Dallas, Inc.
Integrated Management System
MM 03D-03 Capability List Manual

MTU MAINTENANCE DALLAS CAPABILITIES LIST
RATINGS and LIMITATIONS

1.3 POWERPLANT: CF6

	CF6-50	CF6-80
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
Booster Removal and Replacement	X	X
High Pressure Compressor		
General Maintenance, Inspection and Repair to include:	X	X
Top Case Removal and Replacement	X	X
Bottom Case Removal and Replacement	X	X
Boreblend	X	X
Combustor Section		
General Maintenance, Inspection and Repair	X	X
High Pressure Turbine		
General Maintenance, Inspection and Repair	X	X
Low Pressure Turbine		
General Maintenance, Inspection and Repair to include:	X	X
LPT Upper Case Removal and Replacement	X	N/A
LPT Lower Case Removal and Replacement	X	N/A
TRF Module		
General Maintenance, Inspection and Repair to include:	X	X
Turbine Rear Frame Removal and Replacement	X	X
Accessory Gear Box		
General Maintenance, Inspection and Repair to include:	X	X
Accessory Gearbox Removal and Replacement	X	X
Transfer Gearbox Removal and Replacement	N/A	X
Borescope Inspection	X	X
QEC Build-up and Installation	X	X
Replacement of External Accessories and Components	X	X
Power Conversion (FADEC and Non-FADEC)	N/A	X
Continue Time Inspection: (Verify AD Compliance, External visual Inspections, Observe MPA Data, Borescope)	X	X
SCHEDULED MAINTENANCE PROGRAM ITEMS	X	X

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MTU Maintenance Dallas, Inc.
Integrated Management System
MM 03D-03 Capability List Manual

MTU MAINTENANCE DALLAS CAPABILITIES LIST
RATINGS and LIMITATIONS

1.4 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	X		X
High Pressure Compressor			
General Maintenance, Inspection and Repair to include:	X	X	X
Top Case	X	X	X
Bottom Case	X	X	X
Boreblend	X	X	X
Combustor 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	X		X
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
Borescope Inspection	X	X	X
QEC Build-up and Installation	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, Borescope)	X	X	X
SCHEDULED MAINTENANCE PROGRAM ITEMS	X	X	X

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MTU Maintenance Dallas, Inc.
Integrated Management System
MM 03D-03 Capability List Manual

MTU MAINTENANCE DALLAS CAPABILITIES LIST
RATINGS and LIMITATIONS

1.5 POWERPLANT: Pratt and Whitney

	PW2000	PW4000
Low pressure Compressor		
General Maintenance, Inspection and Repair to include:	X	X
Fan Blade Removal and Lubrication	X	X
Fan Blade Re-contour Repair	X	X
High Pressure Compressor		
General Maintenance, Inspection and Repair	X	X
Combustor Section		
General Maintenance, Inspection and Repair	X	X
High Pressure Turbine		
General Maintenance, Inspection and Repair	X	X
Low Pressure Turbine		
General Maintenance, Inspection and Repair	X	X
TRF Module		
General Maintenance, Inspection and Repair	X	X
Accessory Gearbox		
General Maintenance, Inspection and Repair to include:	X	X
Removal and Replacement	X	X
Borescope Inspection	X	X
QEC Build-up and Installation	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
SCHEDULED MAINTENANCE PROGRAM ITEMS	X	X

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**MTU Maintenance Dallas, Inc.
Integrated Management System
MM 03D-03 Capability List Manual**

Chapter 1
Page 13 of 15
Revision: 03
Date: 01JAN2015

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

1.6 POWERPLANT: GE90

	GE90
Low pressure Compressor	
General Maintenance, Inspection and Repair to include:	X
Fan Blade removal and Lubrication	X
Fan Module Removal and Replacement	X
High Pressure Compressor	
General Maintenance, Inspection and Repair to include:	X
Top Case	
Bottom Case	
Bore Blend	
Combustor Section	
General Maintenance, Inspection and Repair	X
High Pressure Turbine	
General Maintenance, Inspection and Repair	X
Low Pressure Turbine	
General Maintenance, Inspection and Repair	X
TRF Module	
General Maintenance, Inspection and Repair to include:	X
Exhaust Frame assembly removal and installation	
AGB (Accessory Gearbox)	
General Maintenance, Inspection and Repair to include:	X
Gearbox Replacement	X
Borescope Inspection	X
QEC Build-up and Installation	X
Replacement of External Accessories and Components	X
Continue Time Inspection: (Verify AD Compliance, External visual Inspections, Observe MPA Data, Borescope)	X
SCHEDULED MAINTENANCE PROGRAM ITEMS	X

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**MTU Maintenance Dallas, Inc.
Integrated Management System
MM 03D-03 Capability List Manual**

Chapter 1
Page 14 of 15
Revision: 03
Date: 01JAN2015

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

1.7 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
Combustor Section			
General Maintenance, Inspection and Repair to include:	X	X	X
Fuel Nozzle replacement	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
Accessory Gearbox			
General Maintenance, Inspection and Repair to include:	X	X	X
Removal and Replacement	X	X	X
Borescope Inspection	X	X	X
QEC Build-up and Installation	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
SCHEDULED MAINTENANCE PROGRAM ITEMS	X	X	X

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MTU Maintenance Dallas, Inc.
Integrated Management System
MM 03D-03 Capability List Manual

Chapter 1
 Page 15 of 15
 Revision: 03
 Date: 01JAN2015

RATINGS and LIMITATIONS

1.8 NON-DESTRUCTIVE TESTING:

Specifications:
 (LPI) Liquid Penetrant Inspection
 (MPI) Magnetic Particle Inspection

	Flourescent Penetrant Inspection	Eddy Current Inspection	Ultrasonic Inspection
NAS 410, Certification and Qualification of personnel	X	X	X
ASTM: E1417/E1417M-11e1 – E165/E165M-12 (LPI)	X	--	--
Specific NDT manual procedures, AD or SB	--	X	X

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Note: All activity identified in this capability list may be performed away from station in accordance with the part D-100 of the repair station Operations Specifications.

Accountable Manager approval: _____