



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

Chapter 0
Page 1 of 16
Revision: 12
Date: 23FEB2024



FAA-Approved Repair Station No. R0OR948X

EASA No. 145.6205

**2100 Eagle Parkway, Building 12
Fort Worth, TX 76177**

A handwritten signature in blue ink, appearing to read "Arthur Hutton", written over a horizontal line.

Arthur Hutton
Operations Manager

A handwritten signature in blue ink, appearing to read "Nezam Moghadassian", written over a horizontal line.

Nezam Moghadassian
Accountable Manager

A handwritten signature in blue ink, appearing to read "Matt Richter", written over a horizontal line.

Matt Richter
Quality Manager



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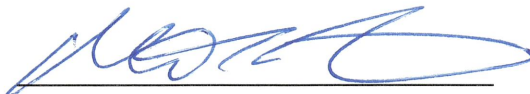


0.3 Record of Revisions

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
04	Addition of RB211-535 engine approvals	26JAN2016	Dale Gange
05	Added additional capabilities for the CF34-10	16OCT2018	Nelson Bivins
06	Added additional capabilities for the CF34-8, CF34-10 and CFM56-5	06MAR2020	Nelson Bivins
07	Changed wording for airframe and engine capabilities based on OpSpec A003 changes. Added Pylon inspection for Embraer 170/190 Series Aircraft	31AUG2020	Nelson Bivins
08	Addition of LEAP and PW1500 series engine place holders, LEAP Engine Removal, Borescope Inspection, Boroblend Repair, Removal, Installation and Maintenance of External Accessories and Components and Continue Time Inspection	31MAR2023	Ralph Hernandez
09	Addition of Section 3.0 COMPONENT /ACCESSORIES CAPABILITY LIST	27APR2023	Ralph Hernandez
10	Revised EASA Supplement throughout to incorporate changes related to new facility relocation. Added additional Items to Section 3.0 COMPONENT /ACCESSORIES CAPABILITY LIST Added Specification Part Number Column (SPEC PN) to Table	28APR2023	Ralph Hernandez
11	Added Matt Richter – Quality Manager Added additional capability for LEAP-1A and LEAP-1B Engine Models Added place holder for PW1100 and PW1900	08JUN2023	Ralph Hernandez
12	Added additional capability for LEAP-1A and LEAP-1B engine models Added additional capability for CFM56-7 Engine Testing Added additional capability for GE90 Boreblend Removed capability for Rolls Royce RB 211-535 engine models Removed capability for Non-destructive testing	23FEB2024	Matt Richter

Amendment number 12 dated 23FEB2024

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

Signature: 

Date of review: 23 FEB 24



0.4 Reserved



0.5 Distribution List

COPY NUMBER	HOLDER	FORMAT
Copy No. 1	Quality Manager	Digital (pdf)
Copy No. 2	FAA	Digital (pdf)



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-01** 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 Operations Manager performs and documents the self-evaluations as required by **MM 02D-01** 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 and/or electronic 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.



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MTU MAINTENANCE DALLAS CAPABILITIES LIST

RATINGS and LIMITATIONS

ENGINE ON WING MAINTENANCE TO INCLUDE:

1.1 AIRFRAME:

	Engine R & R including QEC and external accessories Maintenance	Airframe Pylon Maintenance	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	X	X	X
190 SERIES	X	X	X	X

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RATINGS and LIMITATIONS

1.2 POWERPLANT: CF34

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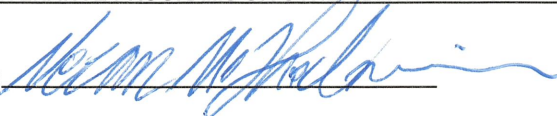
MTU MAINTENANCE DALLAS CAPABILITIES LIST
RATINGS and LIMITATIONS

1.3 POWERPLANT: CF6

	CF6-50	CF6-80
Low Pressure Compressor	X	X
General maintenance, Inspection and Repair to include:		
Fan Blade removal and Lubrication	X	X
Fan Disk Removal and Replacement	X	X
Booster Removal and Replacement	X	X
High Pressure Compressor	X	X
General Maintenance, Inspection and Repair to include:		
Top Case Removal and Replacement	X	X
Bottom Case Removal and Replacement	X	X
Boreblend	X	X
Combustor Section	X	X
General Maintenance, Inspection and Repair		
High Pressure Turbine	X	X
General Maintenance, Inspection and Repair		
Low Pressure Turbine	X	X
General Maintenance, Inspection and Repair to include:		
LPT Upper Case Removal and Replacement	X	N/A
LPT Lower Case Removal and Replacement	X	N/A
TRF Module	X	X
General Maintenance, Inspection and Repair to include:		
Turbine Rear Frame Removal and Replacement	X	X
Accessory Gear Box	X	X
General Maintenance, Inspection and Repair to include:		
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
Removal, Installation and Maintenance 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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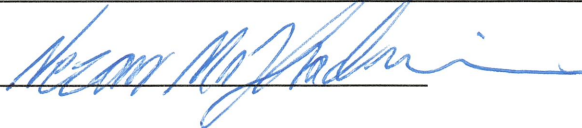
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RATINGS and LIMITATIONS

1.4 POWERPLANT: CFM56

	CFM56-3	CFM56-5	CFM56-7
Low pressure Compressor	X	X	X
General Maintenance, Inspection and Repair to include:			
Fan Blade removal and Lubrication	X	X	X
Fan Disk Removal and Replacement	X	X	X
High Pressure Compressor	X	X	X
General Maintenance, Inspection and Repair to include:			
Top Case	X	X	X
Bottom Case	X	X	X
Boreblend	X	X	X
Combustor Section	X	X	X
General Maintenance, Inspection and Repair			
High Pressure Turbine	X	X	X
General Maintenance, Inspection and Repair			
Low Pressure Turbine	X	X	X
General Maintenance, Inspection and Repair			
TRF Module	X	X	X
General Maintenance, Inspection and Repair to include:			
Turbine Frame Removal and Replacement	X	X	X
Accessory Gear Box	X	X	X
General Maintenance, Inspection and Repair to include:			
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
Removal, Installation and Maintenance 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
Engine Testing	N/A	N/A	X

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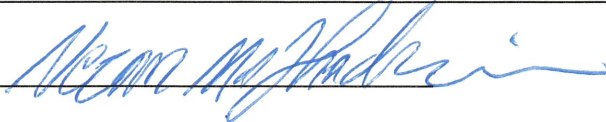
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 RATINGS and LIMITATIONS

1.5 POWERPLANT: LEAP

	LEAP-1A	LEAP-1B
Low pressure Compressor General Maintenance, Inspection and Repair to include:	X	X
Fan Blade removal and Lubrication		
Fan Disk Removal and Replacement		
High Pressure Compressor General Maintenance, Inspection and Repair to include:		
Top Case	N/A	N/A
Bottom Case	N/A	N/A
Boroblend	X	X
Combustor Section General Maintenance, Inspection and Repair	X	X
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:		
Turbine Frame Removal and Replacement		
Accessory Gear Box General Maintenance, Inspection and Repair to include:		
Accessory Gear Box Removal and Replacement		
Transfer Gear Box Removal and Replacement		
Borescope Inspection	X	X
QEC Build-up and Installation	X	X
Removal, Installation and Maintenance of External Accessories and Components	X	X
Power Conversion FADEC and/or VSV actuators		
Power Conversion Plug Replacement and Data Tag update		
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 CAPABILITIES LIST
 RATINGS and LIMITATIONS

1.6 POWERPLANT: Pratt and Whitney

	PW1100	PW1500	PW1900	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
Removal, Installation and Maintenance 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 CAPABILITIES LIST
RATINGS and LIMITATIONS**

1.7 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	N/A
Bore Blend	X
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
Removal, Installation and Maintenance 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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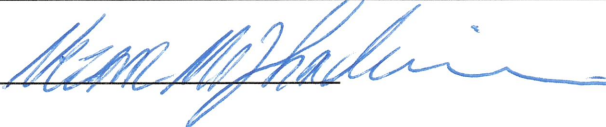
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 RATINGS and LIMITATIONS

1.8 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 (fan blades)	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
Removal, Installation and Maintenance 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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2.0 COMPONENT/ACCESSORIES CAPABILITY LIST

Capability:

- (Clean) As Required
- (DVI) Detail Visual Inspection
- (GVI) General Visual Inspection
- (SDI) Special Detailed Inspection
- (VI) Visual Inspection
- (NDI) Non Destructive Inspection
- (Repair) As Required
- (MOD) Modification as Required
- (FNC) Functional Check
- (OPC) Operational Check


Component/Accessory Type

- (LLP) Life Limited Part
- (LLP-IP) LLP Influenced Part
- (LRU) Line Replaceable Unit
- (HWD) Engine Hardware
- (COMP) Piece Part (No Further Breakdown Possible)

Engine Model	Component Type	MFG PN	SPEC PN	Description	AMM/ESM/LMM/SPM	Minimum Workscope
CF34-8, 10E	LRU	0510HT2	2162M48P02	Plug - Rating	LMM 76-00-00 LMM 76-00-00	Clean, VI, Repair MOD
CF34-8, 10E	LRU	0510HT2A	2162M48P03	Plug - Rating	LMM 76-00-00 LMM 76-00-00	Clean, VI, Repair MOD
CF34-8, 10E	LRU	0510HT2B	2162M48P04	Plug - Rating	LMM 76-00-00 LMM 76-00-00	Clean, VI, Repair MOD
CF34-8	LRU	2162M48P01	NA	Plug - Rating	LMM 76-00-00 LMM 76-00-00	Clean, VI, Repair MOD
CF34-10E	LLP-IP	2225M27P02	NA	Fan Rotor Stage 1 Blade	ESM 72-21-04 SPM 70-32-02	Clean, VI, Repair
CF34-8C	LLP	4126T12G02	NA	Forward Mount Clevis	ESM 72-23-02 SPM 70-32-02	Clean, VI, Repair
CF34-8C, 8E	LLP	4126T12G04	NA	Forward Mount Clevis	ESM 72-23-02 SPM 70-32-02	Clean, VI, Repair
CF34	HWD	9303M42P02	NA	Coupling - V- Retainer	ESM 72-09-01	Clean, VI, Repair
CF34	HWD	AS1895-4-300	NA	Coupling - V- Retainer	ESM 72-09-01	Clean, VI, Repair

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Accountable Manager approval: 

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.