

List of applicable Manuals and Instructions for Continuing Airworthiness (ICA)

1 Document Management

1.1 List of Revisions

Rev.	Date	Description	Author	Affected Sections / Pages
00		Initial Issue		
01		Software Versions Added		
02		Software ECU Reader, Turbine Tool, Turbine Tester added		
03		Issue 06 of MD02-OMM-70-001 added		
04		Software/ Firmware versions updated, notes revised, added sensor board firmware update tool		
05		Update of EIM and OMM (German version only)	Claudia Schoberth	
06	22.06.2020	Updated to new form revision	Philip Goralski	1-3
07	28.07.2020	Update of EIM and OMM (both versions), correction of EOM entry	Philip Goralski	3
08	09.09.2020	Update of EOM, EIM and OMM (both versions)	Philip Goralski	3-4
09	26.03.2021	Editorial change to software versions Edited Section 1.3	Philip Goralski	2, 5
10	21.01.2021	Editorial Change of OMM manuals	Philip Goralski	3
11	28.02.2025	Changes of OMM, EIM and EOM regarding MD02.8 ECU V3 change	T.-D.Lucas	1-9

Unless impracticable due to the scope of the revision, the affected text will be marked by a black vertical line on the right-hand side of the page.

1.2 List of Validity

Rev.	Valid for / Restrictions	Type Def. Reference
11	MD-TJ42	EASA.E.099

1.3 Document Preparation

The **DE/CVE** prepares the form and content of the document according to section 1.1 and 1.2 and signs for correctness and completeness

	Function	Digital Signature
Prepared	DE/CVE	

MD-TJ Series

MD-TJ42 Manuals								
Product	Manual Number	Issue		Description	Rev.		Section	Note
		Nr	Date		Nr	Date		
Operating and Maintenance Manual								
MD-TJ42 Equipped with ECU V1/2 System	MD02-OMM-70-001	06	19.11.2018	Operating and Maintenance Manual (English Version)	01	28.07.2020	Overview	Added DOA Reference
					02a	17.12.2021	0	Revised title page and list of effective sections
					02	08.09.2020	7	Added component change for micro filter
					00a	17.12.2021	8	Editorial Change: Information Update

MD-TJ42 Equipped with ECU V3 System	MD02-OMM-70-001	07	06.12.2024	Operating and Maintenance Manual (English Version)	00	06.12.2024	Overview	Update Document Issue Record
					00	06.12.2024	0	Document update to ECU V3 system Corrections and formatting
					00	06.12.2024	1	Document update to ECU V3 system
					00	06.12.2024	3	Document update to ECU V3 system Corrections and formatting
					00	06.12.2024	4	Document update to ECU V3 system Corrections and formatting
					00	06.12.2024	6	Document update to ECU V3 system Corrections and formatting
					00	06.12.2024	7	Document update to ECU V3 system Corrections and formatting

MD-TJ42 Manuals								
Product	Manual Number	Issue		Description	Rev.		Section	Note
		Nr	Date		Nr	Date		
Engine Installation Manual								
MD-TJ42 Equipped with ECU V3 System	MD02-EIM-70-001	02	15.11.2024	Einbauhandbuch <i>Engine Installation Manual</i>	00	15.12.2024	0	Update Document Issue Record
					00	15.12.2024	1	Corrections and formatting
					00	15.12.2024	2	Corrections and formatting
					00	15.12.2024	3	Document update to ECU V3 system Corrections and formatting
					00	15.12.2024	4	Document update to ECU V3 system Corrections and formatting

MD-TJ42 Manuals								
Product	Manual Number	Issue		Description	Rev.		Section	Note
		Nr	Date		Nr	Date		
Engine Overhaul and Repair Manual								
MD-TJ42 Equipped with ECU V1/2 System	MD02-EOM-70-001	02	20.02.2019	Überholungs- und Wartungshandbuch <i>Engine Overhaul and Repair Manual</i>	01	08.09.2020	Overview	Added DOA Reference
					01	08.09.2020	0	Update of the List of effective Sections
					01	08.09.2020	3	Correction of Special Tool List
					01	08.09.2020	4	Added Note and Instruction step for the seal
					01	08.09.2020	5	Added Note and new Filter in Part List
					01	08.09.2020	6	Added new Filter repair instructions
					01	08.09.2020	8	Added seal to assembly instruction

MD-TJ42 Equipped with ECU V3 System	MD02-EOM-70-001	03	07.11.2024	Überholungs- und Wartungshandbuch <i>Engine Overhaul and Repair Manual</i>	00	07.11.2024	0	Update Document Issue Record
					00	07.11.2024	3	Update list of special tools; work instructions; Correction of part numbers; Editorial changes
					00	07.11.2024	4	Correction of part numbers; Editorial changes
					00	07.11.2024	5	Add. ECU V3 system Correction of part numbers; Editorial changes
					00	07.11.2024	6	Add. ECU V3 system Correction of part numbers; Editorial changes
					00	07.11.2024	7	Add. ECU V3 system Correction of part numbers; Editorial changes
					00	07.11.2024	8	Add. ECU V3 system Correction of part numbers; Editorial changes
					00	07.11.2024	9	Add. ECU V3 system Editorial changes

MD-TJ42 Software and Firmware Versions (ECU V1 and ECU V2 System)					
Product	Part Number	Version no.	Date	Description	Note
Sensor Board Firmware Update Tool					
Sensor Board	MD02-73-20-01	1.0	07.11.2016	Initial Version	For updating the sensor board firmware
Sensor Board Firmware					
Sensor Board	MD02-73-20-01	2.2	07.11.2016	Initial Version	N/A
ECU Firmware					
ECU	MD02-73-20-00	3.1	14.01.2016	Initial Version	N/A
ECU Reader					
ECU / MD-TJ42	MD02-73-20-00 / MD02-71-00-00	1.0	14.01.2016	Initial Version	For download (but not read) ECU Logfiles from the ECU, can be downloaded from M&D Homepage
Turbine Tool					
ECU / MD-TJ42	MD02-73-20-00 / MD02-71-00-00	3.02	13.03.2019	Bug fix of minor issues with SD cards	For testing the engine

MD-TJ42 Software Versions (ECU V3 System)						Note
Applicable for component		Description	Part NO	Drawing NO	Rev. NO	
Product	Part Number					
ECU V3	MD02-73-20-19	ECU V3 Software	MD02-73-20-31	MD02-DWG-73-031	03	<ul style="list-style-type: none"> - LX Rev. NO 1.00 - Package only, as combined file for ECU V3, PCU, EDU
PCU	MD02-73-20-22	PCU Software	MD02-73-20-33	MD02-DWG-73-033	03	
EDU	N/A	N/A	N/A	N/A	N/A	
MD-TJ42 Configurations Versions (ECU V3 System)						Note
Applicable for component		Description	Part NO	Drawing NO	Rev. NO	
Product	Part Number					
ECU V3	MD02-73-20-19	ECU V3 Configuration	MD02-73-20-32	MD02-DWG-73-032	03	<ul style="list-style-type: none"> - Package only, as combined file for ECU V3, PCU, EDU
PCU	MD02-73-20-22	PCU Configuration	MD02-73-20-34	MD02-DWG-73-034	03	
EDU	N/A	N/A	N/A	N/A	N/A	

Test Device (ECU V3 System)						Note
Applicable for component		Description	Part NO	Drawing NO	Rev. NO	
Product	Part Number					
ECU V3	MD02-73-20-19	MD_JET_Unitest <i>(Software)</i>	MD02-SPT-28	N/A	V1.0	PC software package with desktop program
PCU	MD02-73-20-22					
ECU V3	MD02-73-20-19	UniTest <i>(Hardware device)</i>	MD02-SPT-27	N/A	V1.0 SN: 1	Test box / device
PCU	MD02-73-20-22					

Logdata View and Analysis (ECU V3 System)						Note
Applicable for component		Description	Part NO	Drawing NO	Rev. NO	
Product	Part Number					
ECU V3	MD02-73-20-19	Bin Log Viewer	MD02-SPT-29	N/A	V1.0.2.0	PC software to open and analysis logdata, written from ECU V3 to microSD card in EDU

Data Livestream (ECU V3 System)						Note
Applicable for component		Description	Part NO	Drawing NO	Rev. NO Product	
Product	Product					
ECU V3	MD02-73-20-19	CAN module1	MD02-SPT-25	N/A	N/A	Livestream of operation parameters via Y-splitting CAN-BUS. Requires Software: - MD_DataStream (LX NAV) - SYS Tec CAN Interpreter Lite
PCU	MD02-73-20-22					
EDU	N/A					