

LIST OF APPLICABLE PUBLICATIONS

MODEL DA 40 NG

Revision 86 Updates

Doc. No.	Description	Rev	Status
AMM-TR-MÄM-40-1210a	Engine Master Switch Wiring	-	2025-09-12

Full Listing Doc. NO.	Description	Rev	Status
6.05.15 Chapter 1	List of Applicable Publications (LOAP) - This document	86	2025-09-15
Aircraft Manuals			
6.01.15-E	Airplane Flight Manual (AFM)	4	2024-12-31
Supplement A01	Garmin G1000 Avionics System	2	2015-04-08
Supplement A02	Garmin G1000 NXi Avionics System	1	2019-02-08
Supplement A03	Intercom System PM 1000 II, PS Engineering Inc	-	2017-09-05
Supplement A05	Conventional Cockpit DA 40 NG Club	-	2011-03-15
Supplement A13	Autopilot System KAP 140, Bendix/King	1	2011-03-15
Supplement A29	DA 40 NG Garmin Transponder GTX 328	-	2011-03-15
Supplement A30	DA 40 NG Garmin COM/NAV, SL 30	-	2011-03-15
Supplement A33	Garmin G1000 SBAS and P-RNAV Operation	2	2014-07-01
Supplement E7	Operation with Ventilation Inlet Baffle	1	2014-07-01
Supplement N017	Operation in CIS	2	2013-12-17
Supplement N023	Operation in Brazil	-	2022-05-16
Supplement N048	Operation in the Ukraine	-	2011-07-01
Supplement O01	Use of the DA 40 NG as Tow-Plane	1	2014-07-01
Supplement O02	Landing Gear with Large Tyres and 1280 kg Maximum Landing Mass	2	2014-07-01
Supplement O03	Cold Weather Operation	1	2014-07-01
Supplement O04	Diesel Operation	-	2013-12-06
Supplement O09	Operation with D64-9028-11-01 Fuel Pumps	3	2024-11-26
Supplement S04	406 MHz Emergency Locator Transmitter Artex ME 406	-	2010-04-01
Supplement S06	G1000 Synthetic Vision Technology	1	2011-03-15
Supplement S07	Recirculating Air - Cabin Cooling	7	2016-06-22

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Doc. NO.	Description	Rev	Status
Supplement S10	Flight Data Logging Device	-	2016-01-29
Supplement S11	Garmin GTX 335R/345R transponders with ADS-B	-	2019-04-15
Supplement O09	Operation with D64-9028-11-01 Fuel Pumps	3	2024-11-26
TR-MÄM-40-1203/a	Door Latching and Locking	a	2025-02-18
TR-MÄM-40-1209/a	Equipment List	a	2025-03-21
6.02.15	Airplane Maintenance Manual	5	2024-07-15
6.02.15-S10	Installation Instructions for System S10, Flight Data Logging Device	-	2016-02-03
AMM-TR-25-04	Coolant Level Sensor Operational Test	-	2025-02-13
AMM-TR-MÄM-40-1203	Visual Indicator for the Position of the Passenger Door Handle	-	2025-01-06
AMM-TR-25-02	Fuel Filler Cap Overhaul	-	2025-05-07
AMM-TR-MÄM-40-1100	Change in Upper Mass Limit of Control Surfaces	-	2025-03-10
AMM-TR-MÄM-40-1210a	Engine Master Switch Wiring	-	2025-09-12
6.03.15	Illustrated Parts Catalogue (IPC)	(N/A)	Available Online
Service Bulletins			
MSB 40NG-002	Software for E4-A (AE300) Engine, approved versions	18	2023-09-21
MSB 40NG-003	Software for Garmin G1000; approved software systems, manifests and configurations	16	2024-04-01
OSB 40NG-004	Installation of a coated safety walk	-	2010-07-20
OSB 40NG-006	Import Requirements to CIS	-	2011-07-11
OSB 40NG-007	Installation of a fuel pressure pulsation damper	1	2014-10-03
RSB 40NG-010	Installation of check valves on fuel pumps	-	2011-11-17
RSB 40NG-011 (REVOKED)	Exchange of charged air elbow	-	2012-02-28

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MSB 40NG-012	Replacement of aft engine shock mounts	2	2013-03-15
RSB 40NG-013	Replacement of air conditioning system	-	2012-07-26
MSB 40NG-015	Installation of a rudder cable guard	1	2013-02-21
MSB 40NG-016	Correction of Airspeed Indicator (ASI) markings	2	2013-06-12
OSB 40NG-017	CG adjustment	-	2012-10-09
MSB 40NG-018	Exchange of charged air tubing; incl. WI Rev. 3	1	2012-11-26
RSB 40NG-019	Replacement of the Charged Air Hoses with glass fiber reinforced silicone hoses	-	2013-06-20
MSB 40NG-020	Inspection of the nose landing gear (NLG) pivot of NLG-legs installed under OÄM 40-334 (landing gear with large tires) for cracks and possible rework or replacement	6	2016-06-27
OSB 40NG-021	Installation of alternator regulator, Austro Engine P/N E4A-91-200-000	-	2015-02-25
OSB 40NG-022	Installation of an engine oil quick drain-valve	-	2014-07-21
OSB 40NG-023	Installation of a radiator baffle	-	2013-11-29
OSB 40NG-024	Installation of Battery Heaters	-	2013-12-02
OSB 40NG-025	Installation of an engine master switch guard	-	2014-06-24
OSB 40NG-026	Installation of LED Taxi and Landing Lights	-	2014-06-25
OSB 40NG-027	Installation of LED Position Lights and ACL	-	2015-11-02
OSB 40NG-028	Installation of Sun visors	-	2014-06-27
OSB 40NG-030	Installation of Provisions for Operation with Diesel fuel	-	2014-09-26
RSB 40NG-031	Installation of permanent maintenance access holes in wings	-	2014-10-09
OSB 40NG-032	Installation provisions for a safety mesh to protect the fuel vent covers into the wings	2	2019-03-26
OSB 40NG-035	Installation of a hydraulic NLG damper	-	2014-12-02
OSB 40NG-036	Installation of the Coolant Level Sensor D4D-9075-26-26	-	2015-02-03
OSB 40NG-037	Installation of a GPS-Tracker as Carry-On Equipment	-	2015-04-09
OSB 40NG-038	Improvement of powerplant cooling	-	2015-05-26
OSB 40NG-039	Replacement of nose landing gear strut	-	2015-05-28
OSB 40NG-040	Installation of the nose landing gear fairings for the lowered nose landing gear (MÄM 40-791/OSB 40NG-039)	1	2015-06-14
RSB 40NG-041	Inspection of NLG elastomer pack center tube	1	2015-12-16
RSB 40NG-042	Inspection and improved bushing installation of charged air duct assy	-	2016-03-07

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Doc. NO.	Description	Rev	Status
OSB 40NG-044	Maintenance Access Holes in the Elevator	-	2016-02-03
MSB 40NG-046	Inspection of turbocharger V-clamp	2	2016-07-22
OSB 40NG-047	Operation of the air conditioning system during T/O and Landing	-	2016-07-14
MSB 40NG-048	Inspection of autopilot bridle cable clamps	2	2016-12-01
OSB 40NG-049	Replacement of main landing gear strut	-	2016-09-23
RSB 40NG-051	Installation of a chafe protector on the turbocharger intake hose	-	2016-10-24
RSB 40NG-052	Improved mounting of 2nd Alternator	-	2017-03-08
RSB 40NG-053	Replacement of steel pin of door handle mechanism of canopy and passenger door with an improved design	-	2017-06-14
OSB 40NG-055	Replacement of the charge air hoses and tubers		2017-08-18
OSB 40NG-057	Activation of Garmin GTX 335R/345R transponders' ADS-B functions	-	2019-04-15
MSB 40NG-058	Removal of Pilot Gust Lock Mount	1	2018-11-20
MSB 40NG-059	DA 40 NG NLG Tire Pressure Placard	1	2019-05-16
OSB 40NG-060	Instructions for removal of the RACC system	-	2019-05-10
OSB 40NG-062	Installation of the Garmin G1000 NXi Phase II equipment and software	-	2019-04-22
MSB 40NG-063	MLG Support Plate	-	2019-06-18
MSB 40NG-064	Fuel Tank Interconnect Hose (Flexible Coupling) Replacement	3	2025-01-23
MSB 40NG-065	Baggage Net Latches	1	2021-07-06
MSB 40NG-066	Cowling Lightning Protection	2	2020-10-09
MSB 40NG-067	Installation of 7 dB Attenuators	-	2020-01-24
MSB 40NG-068	Replacement of NLG tube-type tire with tubeless tire.	-	2020-06-16
OSB 40NG-069	Installation of Garmin Flight Stream (FS510)	-	2020-10-20
MSB 40NG-070	Inspection of safety ropes in the engine installation	-	2021-02-01
OSB 40NG-071	Installation of stainless steel underbelly fire protection	-	2021-08-12
OSB 40NG-072	Installation of alternate coolant tank D44-7521-00-00_3	-	2021-04-23
OSB 40NG-073	Installation of redesigned map lights	-	2021-05-17
OSB 40NG-074	Installation of a bubble canopy	-	2021-08-19
RSB 40NG-076	Upper cowling air duct modification	-	2022-03-17
MSB 40NG-077	Inspection of gearbox oil	-	2022-08-25

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Doc. NO.	Description	Rev	Status
MSB 40NG-078	Inspection of rudder cables in the footwells	1	2022-11-24
RSB 40NG-079	Installation of a stiffener on the alternator cable	-	2023-03-30
MSB 40NG-080	Inspection of starter wiring connection	2	2023-09-28
OSB 40NG-081	Installation of Amerex 337TS fire extinguisher	-	2023-08-03
OSB 40NG-082	Installation of alternate electric fuel pumps	-	2023-07-06
MSB 40NG-084	Actions to prevent Passenger Door Separation: Installation of Placards, AFM Procedure update and Inspection/Data Gathering.	2	2025-06-05
Service Information Letters			
SI40NG-001	Descriptions of DAI technical publication systems and handling of documents	1	2017-08-28
SI40NG-002	AE Mandatory Service Bulletin MSB-E4-009/2, Possible exchange of the engine high pressure pump	1	2014-01-10
SI40NG-003	EASA-EAD: High Pressure Fuel Pump - Inspection/Replacement	-	2010-10-12
SI40NG-005	Garmin Service Advisory No. 1051 Rev. A, 2010 IGRF (International Geomagnetic Reference Field) Magnetic Field Model	-	2011-02-10
SI40NG-006	EASA-AD: High Pressure Fuel Pump - Inspection/Replacement	-	2011-03-09
SI40NG-007	Installation and tightening torque of worm drive clamps in the charge-air and liquid cooling system	1	2013-01-18
SI40NG-008	Garmin Service Advisory No. 1118 Rev. A, Momentary failure indications (Red-X) can occur when sorting stored flight plans	-	2011-05-17
SI40NG-009	Garmin Service Advisory No. 1129 Rev. A, Momentary loss of GRS 77/77H and GDC 74A/74B/74H functions	-	2011-05-31
SI40NG-010	Garmin Service Advisory No. 1029 Rev. D, European Geostationary Navigation Overlay System (EGNOS) Safety-of-Life (SoL) Service is Fully Operational	-	2011-07-11
SI40NG-011	Garmin Service Advisory No. 1141 Rev. A, Garmin SBAS-capable receivers may experience loss of LPV or LNAV/VNAV capability due to incoherent EGNOS satellite GEO ranging data	-	2011-08-22
SI40NG-012	AE Mandatory Service Bulletin Revision MSB-E4-013/1, Gearbox oil inspection - Additional oil check for early debris indication	1	2011-08-22
SI40NG-013	Measures that result from performing Austro Engine Mandatory Service Bulletin MSB-E4-013/1	-	2011-11-30
SI40NG-014	Austro Engine Mandatory Service Bulletin MSB-E4-014/1, Replacement of the Fuel Return Line and Banjo Fitting	-	2012-04-23
SI40NG-015	Garmin Service Bulletin No. 1210 Rev. A, SafeTaxi® Availability In Europe	-	2012-05-22

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Doc. NO.	Description	Rev	Status
SI40NG-016	AE Mandatory Service Bulletin Revision MSB-E4-014/2, Replacement of the Fuel Injector Return Line and the Banjo Fitting	-	2012-06-18
SI40NG-017	EASA-AD: Installation of a temporary placard in the cockpit	-	2012-09-12
SI40NG-018	Garmin Service Alert No. 1228, SIDs and STARs non-JETs Limitation	-	2012-11-06
SI40NG-019	Austro Engine Mandatory Service Bulletin No. MSB-E4-007/3, Replacement of Waste Gate Controller	-	2012-12-11
SI40NG-020	EASA-AD: Inspection, and replacement if necessary, of the charged air tubing from the turbocharger to the intercooler for chafing marks	-	2013-01-22
SI40NG-021	EASA-AD: Inspection of the markings of the safety belts	1	2014-04-08
SI40NG-022	MT-Propeller Service Bulletin No. 27, Inspection and modification of certain governor type- and serial numbers	-	2013-02-28
SI40NG-023	Garmin Service Advisory No. 1309, Verification of displayed heading is not noticeable drifting prior Take-Off	-	2013-03-04
SI40NG-024	EASA-AD: Replacement of certain Waste Gate Controller part numbers with an improved design at its E4 engines	-	2013-03-14
SI40NG-025	Proper draining of the fuel system	-	2013-06-19
SI40NG-026	Garmin Service Advisory No. 1309 Rev. B, Verification of displayed heading is not noticeable drifting prior Take-Off	-	2013-04-12
SI40NG-027	EASA-AD: Alternative P/N waste gate controllers be installed as replacement parts, Austro Engine Mandatory Service Bulletin No. MSB-E4-007/4	-	2013-05-06
SI40NG-028	FAA-AD: Inspection and replacement if necessary of the charged air tubing from the turbocharger to the intercooler for chafing marks	-	2013-05-27
SI40NG-029	Identification of stainless steel control cables	-	2013-06-17
SI40NG-030	FAA-AD: Replacement of certain Waste Gate Controller part numbers with an improved design	-	2013-07-22
SI40NG-031	Garmin Service Advisory No. 1344 Rev. A, CDI / HSI scaling on a limited number of LPV and LNAV/VNAV approaches are incorrect	-	2013-08-21
SI40NG-032	Garmin Service Advisory No. 1348 Rev. A, Approach waypoints are not properly loaded or displayed when using a vector transition at certain approaches	-	2013-08-21
SI40NG-033	Austro Engine Mandatory Service Bulletin No. MSB-E4-007/6, Replacement of Waste Gate Controller	1	2013-09-20
SI40NG-034	Garmin Terrain Data Alert No. 1351 Rev. B, Anomalies when using Synthetic Vision Technology in Northwest Greenland	1	2015-03-03
SI40NG-035	EASA-AD: Austro Engine E4 Waste Gate Controller	-	2013-09-16

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Doc. NO.	Description	Rev	Status
SI40NG-036	United Instruments Inc. Service Bulletin No. 12, Paint on dial may crack and separate from the surface	1	2013-10-31
SI40NG-037	Garmin Service Advisory No. 1352 Rev. A, Course deviation indicator (CDI) may deflect in the wrong direction in certain situations	-	2013-09-26
SI40NG-038	Garmin Service Advisory No. 1363 Rev. A, User-modified terminal procedure stored in a Flight Plan may cause error condition	-	2013-11-21
SI40NG-039	Garmin Service Advisory No. 1344 Rev. B, LPV and LNAV/VNAV Approach Full Scale Deflection	-	2013-12-18
SI40NG-040	Garmin Service Advisory No. 1372 Rev. A, Unavailable RNAV (GPS) approaches due to lack of VDA	-	2013-12-18
SI40NG-041	EASA-AD: Austro Engine E4 Waste Gate Controller	-	2014-03-03
SI40NG-042	Andair GAS375 Gascolator Filters	1	2014-06-25
SI40NG-043	FAA-AD: Removing of certain Austro Engine part number (P/N) waste gate controllers from service	-	2014-05-07
SI40NG-044	Austro Engine Mandatory Service Bulletin No. MSB-E4-017, Check and if necessary replacement of the Timing Chain	-	2014-07-03
SI40NG-045	Garmin Service Advisory No. 1449 Rev. A, Unexpected flight paths may be displayed when sequencing to some vector transition approaches	-	2014-09-05
SI40NG-046	Installation of charged air hose P/N D44-8122-00-10_2	-	2015-07-24
SI40NG-047	Garmin Service Alert No. 1538 Rev. A, Operations with Altimeter Set to QFE (height above field elevation)	-	2015-08-12
SI40NG-048	Andair Service Alert: Certain fuel valve systems with extension may have a possible lack of engagement between the universal joint assembly and the top of the valve assembly	-	2015-09-17
SI40NG-050	FAA-AD: Austro Engine E4 Engines	-	2016-03-04
SI40NG-051	Austro Engine MSB-E4-020, Inspection of Gearbox Housing	-	2016-03-04
SI40NG-052	United Instruments Inc. SB No. 13, Specific 5934 Series Altimeters manufactured between January 2015 and February 2016 are susceptible to develop a slow diaphragm leak which would affect the accuracy of the altimeters	-	2016-04-29
SI40NG-053	Garmin Service Advisory No. 1372 Rev. B, unavailable RNAV (GPS) approaches	-	2016-06-24
SI40NG-054	Garmin Service Advisory No. 1612 Rev. A, Update of the IGRF (International Geomagnetic Reference Field) Magnetic Field Model from base year 2010 to 2015	-	2016-09-19
SI40NG-055	EASA-AD: Inspections of the auto pilot bridle clamps	-	2016-09-27
SI40NG-056	EASA-AD: Repetitive visual inspections and, depending on findings, replacement of turbocharging-V-band Clamps with an improved design	-	2016-10-11

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Doc. NO.	Description	Rev	Status
SI40NG-057	Installation of turbo charge air system	1	2016-11-14
SI40NG-058	FAA-AD: Inspections of the auto pilot bridle clamps in the pitch and roll control system	-	2016-11-02
SI40NG-059	FAA-AD: Repetitive visual inspections and, depending on findings, replacement of turbocharging-V-band Clamps	-	2016-11-15
SI40NG-060	FAA-AD: Certain altimeters displaying higher than actual altitude due to a slow diaphragm leak which were examined in United Instruments SB No. 13	-	2017-03-24
SI40NG-061	Austro Engine MSB-E4-022/1, Replacement of certain batches of the Waste Gate Controller at E4 engines and the installation of a spring loaded circlip on all engines	-	2017-11-13
SI40NG-062	Austro Engine MSB-E4-024/1, Replacement of the standard circlip at the Waste Gate Controller at E4 engines with a spring loaded circlip	-	2017-11-13
SIDA40-002	Change in Type Design Responsibility	-	2017-11-15
SI40NG-063	FAA AD 2018-07-16 and EASA-AD 2017-0250: Lifetime limit to waste gate controller and replacement of waste gate rod circlips to prevent unsafe condition due to disconnection	-	2018-04-04
SI40NG-065	Air Intake System Hose	2	2018-10-18
SI40NG-066	Production Residue found in Air Filter	-	2018-09-20
SI40NG-067	Austro Engine MSB-E4-025 Fuel Injectors DA 40 NG	-	2018-10-22
SI40NG-068	EASA AD 2019-0041: Life limit to Austro Engine timing chain and fuel injectors	-	2019-03-08
SI40NG-069	Governor Adjustment of MIN/MAX Stop Settings	-	2019-06-20
SI40NG-070	Fire Resistant Cowlings	-	2019-10-03
SI40NG-071	TCCA AD No. CF-2019-39: Fuel tank interconnect hose replacement	1	2025-01-23
SI40NG-074	DUPONT product discontinuation letter	-	2020-05-20
SI40NG-075	Aircraft cleaning and disinfection recommendations	-	2020-05-21
SI40NG-077	FAA AD 2020-22-14: Replacement of the wastegate controller and control rod circlip	-	2021-01-01
SI40NG-078	EASA AD 2021-0550-E and Austro Engine MSB-E4-030 - Oil pump replacement	-	2021-02-25
SI40NG-079	EASA AD 2021-0550-E and Austro Engine MSB-E4-030 Rev. 3 - Oil Pump Replacement - updated serial number effectivity	-	2021-03-18
SI40NG-080	EASA AD 2021-0143-E and Austro Engine MSB-E4-031 - Oil pump replacement	-	2021-06-16
SI40NG-081	Austro Engine MSB-E4-034/2, MSB-E4-035, and EASA AD 2021-0203-E	-	2021-09-23
SI40NG-082	HPP gear modification	-	2021-09-30

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SI40NG-083	Austro Engine MSB-E4-036 and EASA AD 2021-0274-E	-	2021-12-16
SI40NG-084	Nose landing gear maintenance and inspections.	-	2023-01-12
SI40NG-085	Austro Engine MSB-E4-039 - Oil analysis and piston replacement	-	2022-11-17
SI40NG-087	Garmin Service Advisory No. 22106 Rev. A - G1000 NXi Systems Database Update	-	2022-12-06
SI40NG-089	United Instruments Service Note No. 14	-	2023-04-13
SI40NG-090	Service Information Letter to introduce Austro Engine MSB-E4-042_r0	-	2024-02-07
SI40NG-092	Fuel Contamination	-	2025-05-07
SI40NG-095	EASA AD-2024-0172-E Piston Borescope Inspection	-	2024-08-29
SI40NG-094	Closing and latching the passenger door.	-	2024-08-30