

# DA42 TDI / DA42 MPP



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| Doc. No.  | Description                                                                        | Initial Issue | Revision | Ser.Nos. affected (SB/SI) | Remarks           | PDF available |
|-----------|------------------------------------------------------------------------------------|---------------|----------|---------------------------|-------------------|---------------|
| 7.01.05-E | <b>AIRPLANE FLIGHT MANUAL (english) - BASIC MANUAL</b>                             |               |          |                           |                   |               |
|           | Airplane Flight Manual (AFM)                                                       | 2004-04-29    | 10       | 2024-10-07                | Complete Revision | X             |
| 7.01.05-E | <b>AIRPLANE FLIGHT MANUAL (english) - SUPPLEMENTS</b>                              |               |          |                           |                   |               |
|           | Supplement A13, Autopilot, KAP 140 Bendix/King                                     | 2004-12-01    | -        |                           |                   | X             |
|           | Supplement A33, Integrated Avionics System Garmin G1000, SBAS and P-RNAV Operation | 2022-05-06    | -        |                           |                   | X             |
|           | Supplement M00, DA 42 M                                                            | 2007-11-22    | 2        | 2011-09-05                |                   | -             |
|           | Supplement M01, Belly Pod                                                          | 2007-11-21    | 2        | 2008-04-30                |                   | -             |
|           | Supplement M02, Riegl Laserscanner System                                          | 2008-02-05    | 1        | 2008-02-18                |                   | -             |
|           | Supplement M10, Operator Desk                                                      | 2008-04-30    | 2        | 2015-04-20                |                   | -             |
|           | Supplement M30, Universal Nose                                                     | 2008-02-20    | 3        | 2012-01-23                |                   | -             |
|           | Supplement M130, Universal Nose                                                    | 2009-10-01    | 2        | 2010-12-20                |                   | -             |
|           | Supplement M32, Cobolt 350 with Scotty Satcom System                               | 2008-08-26    | -        |                           |                   | -             |
|           | Supplement M60, Nose Pod                                                           | 2009-10-15    | 1        | 2010-11-19                |                   | -             |
|           | Supplement M160, Nose Pod with Standard Baggage Compartment                        | 2011-02-18    | -        |                           |                   | -             |
|           | Supplement N017, Operation in CIS (Commonwealth of Independent States)             | 2008-07-04    | 2        | 2010-09-30                |                   | X             |
|           | Supplement N048, Operation in the Ukraine                                          | 2009-12-04    | -        |                           |                   | X             |
|           | Supplement N081, Operation in Argentina                                            | 2023-03-08    | -        |                           |                   | X             |
|           | Supplement O09, Cooling - Baffle for Cold Weather Operation                        | 2015-02-27    | 1        | 2021-03-24                |                   | X             |
|           | Supplement S02, Ice protection system                                              | 2005-10-06    | 3        | 2018-02-28                |                   | X             |
|           | Supplement S03, Ice protection system                                              | 2006-01-12    | 4        | 2018-02-26                |                   | X             |
|           | Supplement S04, Continuous flow oxygen system                                      | 2006-01-09    | 4        | 2021-03-09                |                   | X             |
|           | Supplement S05, Mission Power Supply System                                        | 2007-05-10    | 1        | 2007-07-18                |                   | X             |
|           | Supplement S06, G1000 Synthetic Vision Technology                                  | 2010-05-01    | -        |                           |                   | X             |
|           | Supplement S07, TAE 125-02-114 Engine                                              | 2014-09-01    | 4        | 2022-12-19                |                   | X             |
|           | Supplement S10, Flight Data Logging Device                                         | 2016-01-29    | -        |                           |                   | X             |
|           | Supplement S12, AmSafe Aviation Inflatable Restraint AAIR V23                      | 2018-01-12    | 2        | 2019-03-20                |                   | X             |

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| 7.01.05-E AIRPLANE FLIGHT MANUAL (english) - VALID TEMPORARY REVISIONS    |                                                                            |               |          |                           |                       |               |
|                                                                           | TR-MÂM-42-1333, Door Latching and Locking                                  | 2024-11-28    |          |                           |                       | X             |
|                                                                           | TR-MÂM-42-1337, Engine Start Switch                                        | 2024-12-06    |          |                           |                       | X             |
|                                                                           | TR-OÂM-42-053/f, Ice protection system                                     | 2024-08-21    |          |                           |                       | X             |
| 7.01.05-E AIRPLANE FLIGHT MANUAL (english) - OBSOLETE TEMPORARY REVISIONS |                                                                            |               |          |                           |                       |               |
|                                                                           | TR-MÂM-42-034, Variable elevator stop, switch on flap selector             | 2005-01-17    |          |                           | obsolete with Rev. 2  | -             |
|                                                                           | TR-MÂM-42-046, Grass Runways                                               | 2005-06-01    |          |                           | obsolete with Rev. 4  | -             |
|                                                                           | TR-MÂM-42-062, G1000 SW Revision P/N 010-00370-08, V1.00                   | 2005-03-09    |          |                           | obsolete with Rev. 3  | -             |
|                                                                           | TR-MÂM-42-063 Coolant G48 with silicate cartridge                          | 2005-03-06    |          |                           | obsolete with Rev. 4  | -             |
|                                                                           | TR-MÂM-42-070/a, TAE Software 2.7                                          | 2005-05-13    |          |                           | obsolete with Rev. 3  | -             |
|                                                                           | TR-MÂM-42-079, Ground handling                                             | 2005-04-12    |          |                           | obsolete with Rev. 3  | -             |
|                                                                           | TR-MÂM-42-080, G1000 SW Revision P/N 010-00370-10, V1.00                   | 2005-04-20    |          |                           | obsolete with Rev. 3  | -             |
|                                                                           | TR-MÂM-42-091, Engine oil specifications                                   | 2005-05-12    |          |                           | obsolete with Rev. 3  | -             |
|                                                                           | TR-MÂM-42-101, DA42 Engine instrument marking                              | 2005-07-15    |          |                           | obsolete with Rev. 3  | -             |
|                                                                           | TR-MÂM-42-1024, New Maplight                                               | 2017-12-06    |          |                           | obsolete with Rev. 9  | -             |
|                                                                           | TR-MÂM-42-1025, Alternative Emergency Battery Tray                         | 2018-11-28    |          |                           | obsolete with Rev. 9  | -             |
|                                                                           | TR-MÂM-42-103, Performance data                                            | 2005-08-08    |          |                           | obs. with MSB42-006/1 | -             |
|                                                                           | TR-MÂM-42-1034, Implementation of Fuel Level Control Tool                  | 2018-05-03    |          |                           | obsolete with Rev. 9  | -             |
|                                                                           | TR-MÂM-42-111/a, Performance data                                          | 2005-09-20    |          |                           | obsolete with Rev. 3  | -             |
|                                                                           | TR-MÂM-42-1111, ECU Test Procedure                                         | 2019-01-17    |          |                           | obsolete with Rev. 9  | -             |
|                                                                           | TR-MÂM-42-1114, Use of PEDs                                                | 2019-01-30    |          |                           | obsolete with Rev. 9  | -             |
|                                                                           | TR-MÂM-42-115, G1000 SW Revision P/N 010-00370-13, V1.00                   | 2005-09-12    |          |                           | obsolete with Rev. 3  | -             |
|                                                                           | TR-MÂM-42-1186, Fuel Probe Assy                                            | 2020-12-01    |          |                           | obsolete with Rev. 9  | -             |
|                                                                           | TR-MÂM-42-1191, Excitation and Backup Batteries                            | 2021-01-13    |          |                           | obsolete with Rev. 9  | -             |
|                                                                           | TR-MÂM-42-1199, Update Equipment List                                      | 2021-06-09    |          |                           | obsolete with Rev. 9  | -             |
|                                                                           | TR-MÂM-42-1200, Feathering Procedure                                       | 2021-04-14    |          |                           | obsolete with Rev. 9  | -             |
|                                                                           | TR-MÂM-42-1265, New Fire Extinguisher                                      | 2023-03-13    |          |                           | obsolete with Rev. 10 | -             |
|                                                                           | TR-MÂM-42-1310, Corrections to Stall Warning Notes                         | 2024-01-24    |          |                           | obsolete with Rev. 10 | -             |
|                                                                           | TR-MÂM-42-1325, Stall Recovery Procedure                                   | 2024-08-13    |          |                           | obsolete with Rev. 10 | -             |
|                                                                           | TR-MÂM-42-174/a, Use of Jet Fuel No. 3 and Jet A                           | 2006-11-25    |          |                           | obsolete with Rev. 5  | -             |
|                                                                           | TR-MÂM-42-186, Autopilot Static Source                                     | 2006-07-28    |          |                           | obsolete with Rev. 5  | -             |
|                                                                           | TR-MÂM-42-198/b, TAE 125-02 Engine                                         | 2007-06-30    |          |                           | obsolete with Rev. 5  | -             |
|                                                                           | TR-MÂM-42-206, G1000 Limitations in Areas of Extreme Latitude              | 2006-06-29    |          |                           | obsolete with Rev. 5  | -             |
|                                                                           | TR-MÂM-42-240, ECU Backup Battery                                          | 2007-06-17    |          |                           | obsolete with Rev. 5  | -             |
|                                                                           | TR-MÂM-42-254, Introduction Mapping Q28V272DA42                            | 2007-08-27    |          |                           | obsolete with Rev. 5  | -             |
|                                                                           | TR-MÂM-42-258/a, Equipment List Update                                     | 2007-10-25    |          |                           | obsolete with Rev. 5  | -             |
|                                                                           | TR-MÂM-42-268/a, Cabin Hand Fire Extinguisher                              | 2008-04-17    |          |                           | obsolete with Rev. 6  | -             |
|                                                                           | TR-MÂM-42-270, Lightning Strike Procedure                                  | 2008-05-31    |          |                           | obsolete with Rev. 6  | -             |
|                                                                           | TR-MÂM-42-272, GARMIN G1000 Software Revision P/N 010-00370-20             | 2008-10-15    |          |                           | obsolete with Rev. 6  | -             |
|                                                                           | TR-MÂM-42-284, Introduction Mapping Q28V273DA42                            | 2008-05-15    |          |                           | obsolete with Rev. 6  | -             |
|                                                                           | TR-MÂM-42-292, TAE Approved Oil Specification                              | 2008-05-18    |          |                           | obsolete with Rev. 6  | -             |
|                                                                           | TR-MÂM-42-301, Engine Oil Level Check                                      | 2008-08-26    |          |                           | obsolete with Rev. 6  | -             |
|                                                                           | TR-MÂM-42-304, Introduction Firmware 2.91 and Mapping-Q28V291DA42          | 2008-09-05    |          |                           | obsolete with Rev. 6  | -             |
|                                                                           | TR-MÂM-42-310, Introduction Firmware TAE-125-m2.91 and Mapping-R28V291DA42 | 2008-11-21    |          |                           | obsolete with Rev. 6  | -             |
|                                                                           | TR-MÂM-42-336, Optimized NLG Actuator                                      | 2009-08-28    |          |                           | obsolete with Rev. 6  | -             |

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|----------|-----------------------------------------------------------------|---------------|----------|---------------------------|----------------------|---------------|
|          | TR-MÂM 42-347, GARMIN G1000 Software Revision P/N 010-00370-21  | 2009-04-30    |          |                           | obsolete with Rev. 6 | -             |
|          | TR-MÂM 42-377, Overheat Detector                                | 2009-10-12    |          |                           | obsolete with Rev. 6 | -             |
|          | TR-MÂM 42-405, Engine Restart in Flight                         | 2010-03-22    |          |                           | obsolete with Rev. 6 | -             |
|          | TR-MÂM 42-443, Open Doors Procedure                             | 2010-06-17    |          |                           | obsolete with Rev. 6 | -             |
|          | TR-MÂM 42-529, Firmware 2.91 and ECU Mapping O28V294DA42        | 2011-04-22    |          |                           | obsolete with Rev. 7 | -             |
|          | TR-MÂM 42-542, Landing With Gear Up Procedure                   | 2011-07-04    |          |                           | obsolete with Rev. 7 | -             |
|          | TR-MÂM 42-545/a, Use of Fuel Grades, Engine and Gearbox Oil     | 2011-10-24    |          |                           | obsolete with Rev. 7 | -             |
|          | TR-MÂM 42-546, TAE 125-02-99 Alternator                         | 2011-07-12    |          |                           | obsolete with Rev. 7 | -             |
|          | TR-MÂM 42-575, NLG Actuator Reshaped                            | 2011-11-10    |          |                           | obsolete with Rev. 7 | -             |
|          | TR-MÂM 42-584/a, Go Around Procedure                            | 2011-10-24    |          |                           | obsolete with Rev. 7 | -             |
|          | TR-MÂM 42-641, Propeller Pitch Information                      | 2012-04-12    |          |                           | obsolete with Rev. 7 | -             |
|          | TR-MÂM 42-685, New Variable Elevator Stop Part Number           | 2012-12-18    |          |                           | obsolete with Rev. 7 | -             |
|          | TR-MÂM 42-716, General Description Update                       | 2013-01-28    |          |                           | obsolete with Rev. 7 | -             |
|          | TR-MÂM 42-756, Ground Handling                                  | 2014-07-09    |          |                           | obsolete with Rev. 7 | -             |
|          | TR-MÂM 42-764/c, TAE 125-02-99 Dual-Mass Flywheel               | 2014-03-11    |          |                           | obsolete with Rev. 7 | -             |
|          | TR-MÂM 42-814, Use of Fuel Grades, Engine and Gearbox Oil       | 2014-01-15    |          |                           | obsolete with Rev. 7 | -             |
|          | TR-MÂM 42-861, New ECU P/N 05-7611-001903 or P/N 05-7611-001904 | 2014-07-01    |          |                           | obsolete with Rev. 7 | -             |
|          | TR-MÂM 42-983, Fuel Additive Biober and PRIST Hi-Flash          | 2018-01-11    |          |                           | obsolete with Rev. 9 | -             |
|          | TR-OÂM 42-053, Ice protection system                            | 2005-09-14    |          |                           | obsolete with Rev. 3 | -             |
|          | TR-OÂM 42-053/d&054/d, Ice protection system                    | 2015-06-17    |          |                           | obsolete with Rev. 6 | -             |
|          | TR-OÂM 42-053/e&054/e, Ice protection system                    | 2018-02-26    |          |                           | obsolete with Rev. 9 | -             |
|          | TR-OÂM 42-055/a, Continuous flow oxygen system                  | 2006-12-07    |          |                           | obsolete with Rev. 5 | -             |
|          | TR-OÂM 42-055/d, Continuous Flow Oxygen System                  | 2012-12-12    |          |                           | obsolete with Rev. 7 | -             |
|          | TR-OÂM 42-055/e, Continuous Flow Oxygen System                  | 2021-03-09    |          |                           | obsolete with Rev. 9 | -             |
|          | TR-OÂM 42-056/d, Auxiliary fuel tanks                           | 2005-09-09    |          |                           | obsolete with Rev. 3 | -             |
|          | TR-OÂM 42-056/e, Auxiliary fuel tanks                           | 2008-01-25    |          |                           | obsolete with Rev. 6 | -             |
|          | TR-OÂM 42-056/f, Auxiliary Fuel Tanks                           | 2014-02-24    |          |                           | obsolete with Rev. 7 | -             |
|          | TR-OÂM 42-057, Stormscope WX-500                                | 2005-03-01    |          |                           | obsolete with Rev. 3 | -             |
|          | TR-OÂM 42-059, ADF Installation                                 | 2005-03-11    |          |                           | obsolete with Rev. 3 | -             |
|          | TR-OÂM 42-060, Turn coordinator 1394T100-12RA                   | 2005-02-07    |          |                           | obsolete with Rev. 2 | -             |
|          | TR-OÂM 42-062, Unfeathering Accumulator P-893                   | 2005-03-10    |          |                           | obsolete with Rev. 5 | -             |
|          | TR-OÂM 42-065, New P/N GTX-33 Transponder                       | 2005-09-01    |          |                           | obsolete with Rev. 5 | -             |
|          | TR-OÂM 42-066, Mikrotechna standby instruments                  | 2006-01-16    |          |                           | obsolete with Rev. 5 | -             |
|          | TR-OÂM 42-067, Front seats with adjustable backrest             | 2006-10-30    |          |                           | obsolete with Rev. 5 | -             |
|          | TR-OÂM 42-070, Rudder pedal adjustment                          | 2005-10-13    |          |                           | obsolete with Rev. 5 | -             |
|          | TR-OÂM 42-074/a, Mission Power Supply System                    | 2007-08-22    |          |                           | obsolete with Rev. 6 | -             |
|          | TR-OÂM 42-077, Removable fuselage nose cone                     | 2005-10-25    |          |                           | obsolete with Rev. 4 | -             |
|          | TR-OÂM 42-079, GRS77 new part number                            | 2005-10-03    |          |                           | obsolete with Rev. 3 | -             |
|          | TR-OÂM 42-080, ELT Artex ME406                                  | 2005-10-12    |          |                           | obsolete with Rev. 4 | -             |
|          | TR-OÂM 42-082, GDU 1040 new part number                         | 2006-01-12    |          |                           | obsolete with Rev. 5 | -             |
|          | TR-OÂM 42-092, Concorde Battery Installation                    | 2006-03-23    |          |                           | obsolete with Rev. 5 | -             |
|          | TR-OÂM 42-094, Avidyne/Ryan TAS 600 Series                      | 2006-05-23    |          |                           | obsolete with Rev. 5 | -             |
|          | TR-OÂM 42-094/a, Avidyne/Ryan TAS 600 Series                    | 2013-02-19    |          |                           | obsolete with Rev. 7 | -             |
|          | TR-OÂM 42-095, Standby Drum Altimeter                           | 2006-03-24    |          |                           | obsolete with Rev. 5 | -             |
|          | TR-OÂM 42-099, KA 61 Transponder and DME antenna                | 2006-04-27    |          |                           | obsolete with Rev. 5 | -             |
|          | TR-OÂM 42-101, Sun Visors                                       | 2006-10-30    |          |                           | obsolete with Rev. 5 | -             |

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|          | TR-OÄM 42-105, Turn Coordinator 1394T100 (12RB)                                   | 2006-11-14    |          |                           | obsolete with Rev. 5  | -             |
|          | TR-OÄM 42-106/a, Belly Pod                                                        | 2008-04-30    |          |                           | obsolete with Rev. 6  | -             |
|          | TR-OÄM 42-107/f, Universal Nose                                                   | 2012-01-23    |          |                           | obsolete with Rev. 7  | -             |
|          | TR-OÄM 42-108/a, Nose Pod                                                         | 2010-11-19    |          |                           | obsolete with Rev. 6  | -             |
|          | TR-OÄM 42-109/a, Riegl Laserscanner System                                        | 2008-02-18    |          |                           | obsolete with Rev. 6  | -             |
|          | TR-OÄM 42-111/a & 158, Operator Desk                                              | 2008-09-30    |          |                           | obsolete with Rev. 6  | -             |
|          | TR-OÄM 42-111/b & 158/a & 246, Operator Desk                                      | 2015-04-20    |          |                           | obsolete with Rev. 7  | -             |
|          | TR-OÄM 42-112, CI 120 G/S NAV Antennas                                            | 2007-07-02    |          |                           | obsolete with Rev. 5  | -             |
|          | TR-OÄM 42-116/a, Garmin GDL69A                                                    | 2007-11-09    |          |                           | obsolete with Rev. 6  | -             |
|          | TR-OÄM 42-119, Garmin GWX 68 Weather Radar                                        | 2014-01-16    |          |                           | obsolete with Rev. 7  | -             |
|          | TR-OÄM 42-121, Installation of ECU P/N 02-7610-55181R(*)                          | 2007-01-24    |          |                           | obsolete with Rev. 5  | -             |
|          | TR-OÄM 42-125, GDC 74A new Part Number                                            | 2009-03-05    |          |                           | obsolete with Rev. 6  | -             |
|          | TR-OÄM 42-127, Installation of Approved Fire Extinguisher                         | 2010-01-25    |          |                           | obsolete with Rev. 6  | -             |
|          | TR-OÄM 42-129, ECU Backup Battery                                                 | 2007-07-11    |          |                           | obsolete with Rev. 5  | -             |
|          | TR-OÄM 42-130, Exhaust End Pipe                                                   | 2008-01-30    |          |                           | obsolete with Rev. 6  | -             |
|          | TR-OÄM 42-134, WAAS Provisions                                                    | 2022-05-23    |          |                           | obsolete with Rev. 10 | -             |
|          | TR-OÄM 42-141, DA 42 M – IFR                                                      | 2008-09-30    |          |                           | obsolete with Rev. 6  | -             |
|          | TR-OÄM 42-142, Sun visors for tall canopy                                         | 2008-07-23    |          |                           | obsolete with Rev. 6  | -             |
|          | TR-OÄM 42-145, Cobolt 350 with Scotty Satcom System                               | 2008-08-26    |          |                           | obsolete with Rev. 6  | -             |
|          | TR-OÄM 42-146/a, G1000 Synthetic Vision Technology                                | 2010-05-01    |          |                           | obsolete with Rev. 6  | -             |
|          | TR-OÄM 42-175, Use of TS-1 Fuel                                                   | 2009-07-02    |          |                           | obsolete with Rev. 6  | -             |
|          | TR-OÄM 42-178, Flight Data Logging Device                                         | 2016-01-29    |          |                           | obsolete with Rev. 7  | -             |
|          | TR-OÄM 42-179, Integrated Avionics System-Garmin-G1000, SBAS and P-RNAV Operation | 2022-05-29    |          |                           | obsolete with Rev. 10 | -             |
|          | TR-OÄM 42-185, Power Supply Taxi and Landing Light                                | 2013-02-15    |          |                           | obsolete with Rev. 7  | -             |
|          | TR-OÄM 42-188, Increase of Maximum Zero Fuel Mass                                 | 2010-05-11    |          |                           | obsolete with Rev. 6  | -             |
|          | TR-OÄM 42-195, Maximum Landing Mass 1785 kg                                       | 2010-06-30    |          |                           | obsolete with Rev. 6  | -             |
|          | TR-OÄM 42-205, Emergency axe                                                      | 2011-04-15    |          |                           | obsolete with Rev. 6  | -             |
|          | TR-OÄM 42-208, Nose Pod with Standard Baggage Compartment                         | 2011-02-18    |          |                           | obsolete with Rev. 6  | -             |
|          | TR-OÄM 42-211, GIA 63 W new Part Number                                           | 2021-11-18    |          |                           | obsolete with Rev. 10 | -             |
|          | TR-OÄM 42-215, Removal of Volt / Ammeter on Connector Box                         | 2011-09-05    |          |                           | obsolete with Rev. 7  | -             |
|          | TR-OÄM 42-222, Whelen LED Position / Anti Collision Lights                        | 2016-06-01    |          |                           | obsolete with Rev. 8  | -             |
|          | TR-OÄM 42-252, TAE 125-02-114 Engine                                              | 2014-10-24    |          |                           | obsolete with Rev. 7  | -             |
|          | TR-OÄM 42-252/b, TAE 125-02-114 Engine                                            | 2016-10-17    |          |                           | obsolete with Rev. 8  | -             |
|          | TR-OÄM 42-252/d, TAE 125-02-114 Engine                                            | 2022-10-04    |          |                           | obsolete with Rev. 10 | -             |
|          | TR-OÄM 42-253, Comant COM Antennas                                                | 2014-01-31    |          |                           | obsolete with Rev. 7  | -             |
|          | TR-OÄM 42-259, Front Seats With Adjustable Backrest Hydroluk                      | 2014-07-21    |          |                           | obsolete with Rev. 7  | -             |
|          | TR-OÄM 42-279, Winter Kit – Ventilation                                           | 2015-02-25    |          |                           | obsolete with Rev. 7  | -             |
|          | TR-OÄM 42-280, Cooling – Baffle for Cold Weather Operation                        | 2015-02-27    |          |                           | obsolete with Rev. 7  | -             |
|          | TR-OÄM 42-280/a, Cooling – Baffle for Cold Weather Operation                      | 2021-03-24    |          |                           | obsolete with Rev. 10 | -             |
|          | TR-OÄM 42-304/a, Emergency Egress Hammer                                          | 2017-11-20    |          |                           | obsolete with Rev. 8  | -             |
|          | TR-OÄM 42-324/a, AmSafe Aviation Inflatable Restraint AAIR-V23                    | 2018-01-18    |          |                           | obsolete with Rev. 9  | -             |
|          | TR-OÄM 42-334, Amsafe Inflatable Restraint AAIR-V23                               | 2019-03-20    |          |                           | obsolete with Rev. 9  | -             |
|          | TR-OÄM 42-339, Comant CI 105-16                                                   | 2018-11-14    |          |                           | obsolete with Rev. 9  | -             |
|          | TR-VÄM 42-002, DA 42 M                                                            | 2007-11-22    |          |                           | obsolete with Rev. 7  | -             |

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|-----------|------------------------------------------------------------------------------------|---------------|----------|---------------------------|---------|---------------|
| 7.01.06-E | AIRPLANE FLIGHT MANUAL WITH GFC 700 (english) - BASIC MANUAL                       |               |          |                           |         |               |
|           | Airplane Flight Manual with GFC 700 (AFM)                                          | 2007-12-20    | 5        | 2024-11-25                |         | X             |
| 7.01.06-E | AIRPLANE FLIGHT MANUAL WITH GFC 700 (english) - SUPPLEMENTS                        |               |          |                           |         |               |
|           | Supplement A33, Integrated Avionics System Garmin G1000, SBAS and P-RNAV Operation | 2022-05-06    | -        |                           |         | X             |
|           | Supplement M00, DA 42 M                                                            | 2007-12-20    | 2        | 2011-09-05                |         | -             |
|           | Supplement M10, Operator Desk                                                      | 2009-09-01    | 1        | 2015-04-20                |         | -             |
|           | Supplement M30, Universal Nose                                                     | 2008-08-30    | 1        | 2012-01-23                |         | -             |
|           | Supplement M130, Universal Nose                                                    | 2009-10-01    | 2        | 2010-12-20                |         | -             |
|           | Supplement M60, Nose Pod                                                           | 2009-10-15    | 1        | 2010-11-19                |         | -             |
|           | Supplement M160, Nose Pod with Standard Baggage Compartment                        | 2011-02-18    | -        |                           |         | -             |
|           | Supplement N017, Operation in CIS (Commonwealth of Independent States)             | 2008-07-04    | 2        | 2010-09-30                |         | X             |
|           | Supplement N048, Operation in the Ukraine                                          | 2009-12-04    | -        |                           |         | X             |
|           | Supplement N081, Operation in Argentina                                            | 2023-03-08    | -        |                           |         | X             |
|           | Supplement O08, Pilot's Removable Stick                                            | 2015-06-30    | -        |                           |         | X             |
|           | Supplement O09, Cooling - Baffle for Cold Weather Operation                        | 2015-02-27    | 1        | 2021-03-24                |         | X             |
|           | Supplement S02, Ice protection system                                              | 2007-12-20    | 1        | 2018-02-26                |         | X             |
|           | Supplement S03, Ice protection system                                              | 2007-12-20    | 4        | 2018-02-26                |         | X             |
|           | Supplement S04, Continuous flow oxygen system                                      | 2007-12-20    | 2        | 2021-03-09                |         | X             |
|           | Supplement S05, Mission Power Supply System                                        | 2007-12-20    | -        |                           |         | X             |
|           | Supplement S06, G1000 Synthetic Vision Technology                                  | 2010-05-01    | -        |                           |         | X             |
|           | Supplement S07, TAE 125-02-114 Engine                                              | 2014-09-01    | 3        | 2022-12-19                |         | X             |
|           | Supplement S10, Flight Data Logging Device                                         | 2016-01-29    | -        |                           |         | X             |
|           | Supplement S12, AmSafe Aviation Inflatable Restraint AAIR V23                      | 2018-01-12    | 2        | 2019-03-20                |         | X             |

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|-----------|---------------------------------------------------------------------------|---------------|----------|---------------------------|---------|---------------|
| 7.01.06-E | AIRPLANE FLIGHT MANUAL WITH GFC 700 (english) - VALID TEMPORARY REVISIONS |               |          |                           |         |               |
|           | TR-MÂM-42-1333, Door Latching and Locking                                 | 2024-11-28    |          |                           |         | X             |
|           | TR-MÂM-42-1337, Engine Start Switch                                       | 2024-12-06    |          |                           |         | X             |
|           | TR-OÂM-42-053/h, Ice protection system                                    | 2024-08-21    |          |                           |         | X             |

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| 7.01.06-E | AIRPLANE FLIGHT MANUAL WITH GFC 700 (english) - OBSOLETE TEMPORARY REVISIONS |               |          |                           |                      |               |
|           | TR-MÄM-42-1024, New Maplight                                                 | 2017-12-06    |          |                           | obsolete with Rev. 4 | -             |
|           | TR-MÄM-42-1025, Alternative Emergency Battery Tray                           | 2018-11-28    |          |                           | obsolete with Rev. 4 | -             |
|           | TR-MÄM-42-1034, Implementation of Fuel Level Control Tool                    | 2018-05-03    |          |                           | obsolete with Rev. 4 | -             |
|           | TR-MÄM-42-1111, ECU Test Procedure                                           | 2019-01-17    |          |                           | obsolete with Rev. 4 | -             |
|           | TR-MÄM-42-1114, Use of PEDs                                                  | 2019-01-30    |          |                           | obsolete with Rev. 4 | -             |
|           | TR-MÄM-42-1186, Fuel Probe Assy                                              | 2020-12-01    |          |                           | obsolete with Rev. 4 | -             |
|           | TR-MÄM-42-1191, Excitation and Backup Batteries                              | 2021-01-13    |          |                           | obsolete with Rev. 4 | -             |
|           | TR-MÄM-42-1199, Update Equipment List                                        | 2021-06-09    |          |                           | obsolete with Rev. 4 | -             |
|           | TR-MÄM-42-1200, Feathering Procedure                                         | 2021-04-14    |          |                           | obsolete with Rev. 4 | -             |
|           | TR-MÄM-42-1265, New Fire Extinguisher                                        | 2023-03-13    |          |                           | obsolete with Rev. 5 | -             |
|           | TR-MÄM-42-1310, Corrections to Stall Warning Notes                           | 2024-01-24    |          |                           | obsolete with Rev. 5 | -             |
|           | TR-MÄM-42-1325, Stall Recovery Procedure                                     | 2024-08-13    |          |                           | obsolete with Rev. 5 | -             |
|           | TR-MÄM-42-268/a, Cabin Hand Fire Extinguisher                                | 2008-04-17    |          |                           | obsolete with Rev. 1 | -             |
|           | TR-MÄM-42-270, Lightning Strike Procedure                                    | 2008-05-31    |          |                           | obsolete with Rev. 1 | -             |
|           | TR-MÄM-42-272, GARMIN G1000 Software Revision P/N 010-00370-20               | 2008-10-15    |          |                           | obsolete with Rev. 1 | -             |
|           | TR-MÄM-42-284, Introduction Mapping Q28V273DA42                              | 2008-05-15    |          |                           | obsolete with Rev. 1 | -             |
|           | TR-MÄM-42-292, TAE – Approved Oil Specification                              | 2008-05-18    |          |                           | obsolete with Rev. 1 | -             |
|           | TR-MÄM-42-294, Negative G loads                                              | 2008-06-06    |          |                           | obsolete with Rev. 1 | -             |
|           | TR-MÄM-42-301, Engine Oil Level Check                                        | 2008-08-26    |          |                           | obsolete with Rev. 1 | -             |
|           | TR-MÄM-42-304, Introduction Firmware 2.91 and Mapping Q28V291DA42            | 2008-09-05    |          |                           | obsolete with Rev. 1 | -             |
|           | TR-MÄM-42-336, Optimized NLG Actuator                                        | 2009-08-28    |          |                           | obsolete with Rev. 1 | -             |
|           | TR-MÄM-42-347, GARMIN G1000 Software Revision P/N 010-00370-21               | 2009-04-30    |          |                           | obsolete with Rev. 1 | -             |
|           | TR-MÄM-42-377, Overheat Detector                                             | 2009-10-12    |          |                           | obsolete with Rev. 1 | -             |
|           | TR-MÄM-42-405, Engine Restart in Flight                                      | 2010-03-25    |          |                           | obsolete with Rev. 1 | -             |
|           | TR-MÄM-42-405/a, Engine Restart in Flight                                    | 2010-05-25    |          |                           | obsolete with Rev. 1 | -             |
|           | TR-MÄM-42-443, Open Doors Procedure                                          | 2010-06-17    |          |                           | obsolete with Rev. 1 | -             |
|           | TR-MÄM-42-529, Firmware 2.91 and ECU Mapping Q28V294DA42                     | 2011-04-22    |          |                           | obsolete with Rev. 2 | -             |
|           | TR-MÄM-42-542, Landing With Gear Up Procedure                                | 2011-07-04    |          |                           | obsolete with Rev. 2 | -             |
|           | TR-MÄM-42-545/a, Use of Fuel Grades, Engine and Gearbox Oil                  | 2011-10-24    |          |                           | obsolete with Rev. 2 | -             |
|           | TR-MÄM-42-546, TAE 125-02-99 Alternator                                      | 2011-07-12    |          |                           | obsolete with Rev. 2 | -             |
|           | TR-MÄM-42-575, NLG Actuator Reshaped                                         | 2011-11-10    |          |                           | obsolete with Rev. 2 | -             |
|           | TR-MÄM-42-584, Go Around Procedure                                           | 2011-10-18    |          |                           | obsolete with Rev. 2 | -             |
|           | TR-MÄM-42-641, Propeller Pitch Information                                   | 2012-04-12    |          |                           | obsolete with Rev. 2 | -             |
|           | TR-MÄM-42-685, New Variable Elevator Stop Part Number                        | 2012-12-18    |          |                           | obsolete with Rev. 2 | -             |
|           | TR-MÄM-42-716, General Description Update                                    | 2013-01-28    |          |                           | obsolete with Rev. 2 | -             |
|           | TR-MÄM-42-756, Ground Handling                                               | 2014-07-09    |          |                           | obsolete with Rev. 2 | -             |
|           | TR-MÄM-42-764/d, TAE 125-02-99 Dual Mass Flywheel                            | 2014-06-12    |          |                           | obsolete with Rev. 2 | -             |
|           | TR-MÄM-42-814, Use of Fuel Grades, Engine and Gearbox Oil                    | 2014-01-15    |          |                           | obsolete with Rev. 2 | -             |
|           | TR-MÄM-42-861, New ECU P/N 05-7611-001903 or P/N 05-7611-001904              | 2014-07-01    |          |                           | obsolete with Rev. 2 | -             |
|           | TR-MÄM-42-983, Fuel Additive Biobor and PRIST Hi-Flash                       | 2018-01-11    |          |                           | obsolete with Rev. 4 | -             |
|           | TR-OÄM-42-053/e&054/e, Ice protection system                                 | 2009-06-04    |          |                           | obsolete with Rev. 1 | -             |
|           | TR-OÄM-42-053/f&054/f, Ice protection system                                 | 2015-06-17    |          |                           | obsolete with Rev. 2 | -             |
|           | TR-OÄM-42-053/g&054/g, Ice protection system                                 | 2018-02-26    |          |                           | obsolete with Rev. 4 | -             |

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|----------|-----------------------------------------------------------------------------------|---------------|----------|---------------------------|----------------------|---------------|
|          | TR-OAM-42-055/b, Continuous Flow Oxygen System                                    | 2012-12-12    |          |                           | obsolete with Rev. 2 | -             |
|          | TR-OAM-42-055/c, Continuous Flow Oxygen System                                    | 2021-03-09    |          |                           | obsolete with Rev. 4 | -             |
|          | TR-OAM-42-056/e, Auxiliary fuel tanks                                             | 2008-01-25    |          |                           | obsolete with Rev. 1 | -             |
|          | TR-OAM-42-056/f, Auxiliary Fuel Tanks                                             | 2014-02-24    |          |                           | obsolete with Rev. 2 | -             |
|          | TR-OAM-42-094, Avidyne/Ryan TAS 600 Series                                        | 2013-02-18    |          |                           | obsolete with Rev. 2 | -             |
|          | TR-OAM-42-107/f, Universal Nose                                                   | 2012-01-23    |          |                           | obsolete with Rev. 2 | -             |
|          | TR-OAM-42-108/a, Nose Pod                                                         | 2010-11-19    |          |                           | obsolete with Rev. 1 | -             |
|          | TR-OAM-42-111 & 158, Operator Desk                                                | 2009-09-01    |          |                           | obsolete with Rev. 1 | -             |
|          | TR-OAM-42-111/a & 158/a & 246, Operator Desk                                      | 2015-04-20    |          |                           | obsolete with Rev. 2 | -             |
|          | TR-OAM-42-119, Garmin GWX 68 Weather Radar                                        | 2014-01-16    |          |                           | obsolete with Rev. 2 | -             |
|          | TR-OAM-42-125, GDC 74A new Part Number                                            | 2009-05-05    |          |                           | obsolete with Rev. 1 | -             |
|          | TR-OAM-42-127, Installation of Approved Fire Extinguisher                         | 2010-01-25    |          |                           | obsolete with Rev. 1 | -             |
|          | TR-OAM-42-134, WAAS                                                               | 2008-09-29    |          |                           | obsolete with Rev. 1 | -             |
|          | TR-OAM-42-134/a, WAAS Provisions                                                  | 2022-05-23    |          |                           | obsolete with Rev. 5 | -             |
|          | TR-OAM-42-141/a, DA 42 M – IFR                                                    | 2009-02-27    |          |                           | obsolete with Rev. 1 | -             |
|          | TR-OAM-42-142, Sun visors for tall canopy                                         | 2008-07-23    |          |                           | obsolete with Rev. 1 | -             |
|          | TR-OAM-42-146/a, G1000 Synthetic Vision Technology                                | 2010-05-01    |          |                           | obsolete with Rev. 1 | -             |
|          | TR-OAM-42-175, Use of TS-1 Fuel                                                   | 2009-07-02    |          |                           | obsolete with Rev. 1 | -             |
|          | TR-OAM-42-178, Flight Data Logging Device                                         | 2016-01-29    |          |                           | obsolete with Rev. 2 | -             |
|          | TR-OAM-42-179, Integrated Avionics System Garmin G1000, SBAS and P-RNAV Operation | 2022-05-29    |          |                           | obsolete with Rev. 5 | -             |
|          | TR-OAM-42-185, Power Supply Taxi and Landing Light                                | 2013-02-15    |          |                           | obsolete with Rev. 2 | -             |
|          | TR-OAM-42-188, Increase of Maximum Zero Fuel Mass                                 | 2010-05-11    |          |                           | obsolete with Rev. 1 | -             |
|          | TR-OAM-42-195, Maximum Landing Mass 1785 kg                                       | 2010-06-30    |          |                           | obsolete with Rev. 1 | -             |
|          | TR-OAM-42-205, Emergency axe                                                      | 2011-04-15    |          |                           | obsolete with Rev. 1 | -             |
|          | TR-OAM-42-208, Nose Pod with Standard Baggage Compartment                         | 2011-02-18    |          |                           | obsolete with Rev. 1 | -             |
|          | TR-OAM-42-211, GIA 63-W new Part Number                                           | 2021-11-18    |          |                           | obsolete with Rev. 5 | -             |
|          | TR-OAM-42-215, Removal of Volt / Ammeter on Connector Box                         | 2011-09-05    |          |                           | obsolete with Rev. 2 | -             |
|          | TR-OAM-42-222, Whelen LED Position / Anti Collision Lights                        | 2016-06-01    |          |                           | obsolete with Rev. 3 | -             |
|          | TR-OAM-42-252, TAE 125-02-114 Engine                                              | 2014-10-24    |          |                           | obsolete with Rev. 2 | -             |
|          | TR-OAM-42-252/b, TAE 125-02-114 Engine                                            | 2016-10-17    |          |                           | obsolete with Rev. 3 | -             |
|          | TR-OAM-42-252/c, TAE 125-02-114 Engine                                            | 2022-10-04    |          |                           | obsolete with Rev. 5 | -             |
|          | TR-OAM-42-253, Comant COM Antennas                                                | 2014-01-31    |          |                           | obsolete with Rev. 2 | -             |
|          | TR-OAM-42-259, Front Seats With Adjustable Backrest Hydroluk                      | 2014-07-21    |          |                           | obsolete with Rev. 2 | -             |
|          | TR-OAM-42-279, Winter Kit – Ventilation                                           | 2015-02-25    |          |                           | obsolete with Rev. 2 | -             |
|          | TR-OAM-42-280, Cooling – Baffle for Cold Weather Operation                        | 2015-02-27    |          |                           | obsolete with Rev. 2 | -             |
|          | TR-OAM-42-280/a, Cooling – Baffle for Cold Weather Operation                      | 2021-03-24    |          |                           | obsolete with Rev. 5 | -             |
|          | TR-OAM-42-283, Pilot's Removable Stick                                            | 2015-06-30    |          |                           | obsolete with Rev. 2 | -             |
|          | TR-OAM-42-304/a, Emergency Egress Hammer                                          | 2017-11-20    |          |                           | obsolete with Rev. 3 | -             |
|          | TR-OAM-42-324/a, AmSafe Aviation Inflatable Restraint AAIR V23                    | 2018-01-18    |          |                           | obsolete with Rev. 4 | -             |
|          | TR-OAM-42-334, Amsafe Inflatable Restraint AAIR V23                               | 2019-03-20    |          |                           | obsolete with Rev. 4 | -             |
|          | TR-OAM-42-339, Comant CI 105-16                                                   | 2018-11-14    |          |                           | obsolete with Rev. 4 | -             |

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| 7.02.01  | AIRPLANE MAINTENANCE MANUAL (english) - BASIC MANUAL                          |               |          |                           |                      |               |
|          | Airplane Maintenance Manual (AMM)                                             | 2004-12-01    | 6        | 2025-03-17                |                      | X             |
| 7.02.01  | AIRPLANE MAINTENANCE MANUAL (english) - VALID TEMPORARY REVISIONS             |               |          |                           |                      |               |
|          | none                                                                          |               |          |                           |                      |               |
| 7.02.01  | AIRPLANE MAINTENANCE MANUAL (english) - OBSOLETE TEMPORARY REVISIONS          |               |          |                           |                      |               |
|          | AMM-TR-MÄM-42-031, Increased structural inspection intervals                  | 2005-11-15    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM-42-037, Use of Diesel fuel in the DA42                             | 2005-11-18    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM-42-049, Pitot-static system without water-traps in engine nacelles | 2005-03-21    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM-42-055, Maintenance access panels in front seats                   | 2005-03-11    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM-42-063, Coolant G48 with Silicate Cartridge                        | 2005-03-06    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM-42-072, New coolant tank design                                    | 2005-10-12    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM-42-088, 1785 kg Take-off mass                                      | 2005-11-30    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM-42-091, Engine oil specifications                                  | 2005-05-12    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM-42-095/b, Fuel selector gearbox                                    | 2006-02-25    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM-42-097, Canopy locking mechanism                                   | 2005-10-10    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM-42-1021, Rudder Trim Tab Indication System                         | 2022-04-14    |          |                           | obsolete with Rev. 6 | -             |
|          | AMM-TR-MÄM-42-1024, New Maplight                                              | 2017-12-06    |          |                           | obsolete with Rev. 5 | -             |
|          | AMM-TR-MÄM-42-1025, Alternative Emergency Battery Tray                        | 2018-11-28    |          |                           | obsolete with Rev. 5 | -             |
|          | AMM-TR-MÄM-42-1029, Coolant System Pressure Test                              | 2017-08-24    |          |                           | obsolete with Rev. 5 | -             |
|          | AMM-TR-MÄM-42-1049, Horizontal Stabilizer Torque                              | 2017-11-16    |          |                           | obsolete with Rev. 5 | -             |
|          | AMM-TR-MÄM-42-1073, MLG Tire Clearance                                        | 2018-03-15    |          |                           | obsolete with Rev. 5 | -             |
|          | AMM-TR-MÄM-42-1079/a, Fuel Tank Sealant Material                              | 2019-09-17    |          |                           | obsolete with Rev. 5 | -             |
|          | AMM-TR-MÄM-42-1094, New Sealing Concept for Map Light Attachment              | 2018-06-21    |          |                           | obsolete with Rev. 5 | -             |
|          | AMM-TR-MÄM-42-1099, Improved Filling Procedure for Cooling System             | 2019-06-04    |          |                           | obsolete with Rev. 5 | -             |
|          | AMM-TR-MÄM-42-1112, Fuel Tank Connection Hoses                                | 2019-01-17    |          |                           | obsolete with Rev. 5 | -             |
|          | AMM-TR-MÄM-42-1124, Improved Rudder Yoke Bolt Design                          | 2019-06-06    |          |                           | obsolete with Rev. 5 | -             |
|          | AMM-TR-MÄM-42-1125, Inspection of Airfilter for Manufacturing Residues        | 2019-03-18    |          |                           | obsolete with Rev. 5 | -             |
|          | AMM-TR-MÄM-42-1126, Definition of Special Torque at Hydraulic Pump Unit       | 2019-03-26    |          |                           | obsolete with Rev. 5 | -             |
|          | AMM-TR-MÄM-42-1129, Door Warning Switch                                       | 2019-09-17    |          |                           | obsolete with Rev. 5 | -             |
|          | AMM-TR-MÄM-42-1133, Centrifugal Oil Separator on TAE 125-02-99                | 2022-10-14    |          |                           | obsolete with Rev. 6 | -             |
|          | AMM-TR-MÄM-42-1180, Actualisation of Wing Movable Mass                        | 2020-12-10    |          |                           | obsolete with Rev. 5 | -             |
|          | AMM-TR-MÄM-42-1189, Aileron Controls in the Fuselage                          | 2020-12-15    |          |                           | obsolete with Rev. 5 | -             |
|          | AMM-TR-MÄM-42-119, Neutral position of trim tabs                              | 2005-09-13    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM-42-1192, Removal of Part Number of Air Filter                      | 2023-09-13    |          |                           | obsolete with Rev. 6 | -             |
|          | AMM-TR-MÄM-42-121, Removal of 50 hour inspection for DA 42                    | 2005-09-07    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM-42-1213/a, T-Yoke Bolt Torque                                      | 2022-06-07    |          |                           | obsolete with Rev. 6 | -             |
|          | AMM-TR-MÄM-42-1225/a & MÄM-42-1342, Trim Bevel Wheel Installation             | 2025-01-23    |          |                           | obsolete with Rev. 6 | -             |
|          | AMM-TR-MÄM-42-1229, Inspection of Short Control Rods                          | 2022-02-15    |          |                           | obsolete with Rev. 6 | -             |
|          | AMM-TR-MÄM-42-1230, Bonding Wire                                              | 2022-10-27    |          |                           | obsolete with Rev. 6 | -             |
|          | AMM-TR-MÄM-42-1265, New Fire Extinguisher                                     | 2023-04-19    |          |                           | obsolete with Rev. 6 | -             |

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|          | AMM-TR-MÄM 42-128, Fuel lines with lock wire holes                                 | 2005-10-24    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM 42-1294, Unusable Fuel Alignment with AFM                               | 2023-09-27    |          |                           | obsolete with Rev. 6 | -             |
|          | AMM-TR-MÄM 42-1300, Supplier Contact Update                                        | 2023-12-04    |          |                           | obsolete with Rev. 6 | -             |
|          | AMM-TR-MÄM 42-1314, Wiring Schematic Update                                        | 2024-03-14    |          |                           | obsolete with Rev. 6 | -             |
|          | AMM-TR-MÄM 42-1334, Visual Indicator for the Position of the Passenger Door Handle | 2024-11-28    |          |                           | obsolete with Rev. 6 | -             |
|          | AMM-TR-MÄM 42-1337, Engine Start Switch                                            | 2024-12-06    |          |                           | obsolete with Rev. 6 | -             |
|          | AMM-TR-MÄM 42-1338, Installation of Aft Baggage Compartment                        | 2024-10-24    |          |                           | obsolete with Rev. 6 | -             |
|          | AMM-TR-MÄM 42-134, Additional orifice                                              | 2005-11-10    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM 42-139, Relocation of configuration module, KCM 100                     | 2005-10-20    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM 42-144, Use of 28V glow-plugs                                           | 2005-10-27    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM 42-186, Autopilot Static Source                                         | 2006-07-28    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM 42-198, TAE 125-02 Engine                                               | 2006-11-20    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM 42-221, Water Separator ECU                                             | 2006-12-16    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM 42-224, Compression Check                                               | 2006-12-01    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM 42-234, Garmin G1000 Test Procedure                                     | 2007-02-28    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM 42-240, ECU Backup Batteries                                            | 2007-06-17    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM 42-252, Bonding Values                                                  | 2007-08-20    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM 42-256, Alternative Cable Standards                                     | 2007-09-06    |          |                           | obsolete with Rev. 2 | -             |
|          | AMM-TR-MÄM 42-288, Drain holes inspection checklist                                | 2008-06-09    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-306/a, Modified Gearbox Oil Change                                   | 2009-10-08    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-319, Several AMM Modifications                                       | 2009-03-30    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-332, Inspection Intervals Rudder Trim Mechanism                      | 2009-03-16    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-334, Improved Maintenance Instructions for the Passenger Door        | 2009-04-04    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-336/a, Optimized NLG Actuator                                        | 2009-09-30    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-339, Remove/Install the Un-Feathering Accumulator                    | 2009-08-15    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-361, Safety Walk Adhesive Strips                                     | 2010-07-08    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-364, Gear Up Landing Check                                           | 2009-06-15    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-368, Conservation of Exterior Parts                                  | 2009-07-14    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-369, AMM corrections to match TAE OM & IM                            | 2009-06-17    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-436, Installation Instructions for TAE 125-02 Engine                 | 2010-05-27    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-440, Flap Preload Adjustment                                         | 2010-10-21    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-447/c & 452/b, Replacement Instructions MLG Joints                   | 2011-05-12    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-454, Inspection of MLG Door Hinges                                   | 2010-10-21    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-478, Extended Time Limit Oxygen Cylinder                             | 2010-11-22    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-495, Alternative Hydraulic Fluids and Greases                        | 2011-05-16    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-508/a, Position of RH Front EM Bolt                                  | 2011-05-10    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-522, Maintenance Interval GFC 700                                    | 2011-04-01    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-524 & 380, Maintenance Program Phase 1                               | 2011-04-05    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-533, Caliper Back Plate Torque Value Correction                      | 2011-05-12    |          |                           | obsolete with Rev. 3 | -             |
|          | AMM-TR-MÄM 42-534, Propeller Shipping Plug Removal                                 | 2011-05-24    |          |                           | obsolete with Rev. 3 | -             |

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|          | AMM-TR-MÂM 42-538, Fuel Drain Valve Mounting Torque            | 2011-09-08    |          |                           | obsolete with Rev. 3  | -             |
|          | AMM-TR-MÂM 42-541, Definition of Coolant Pipe Installation     | 2011-10-12    |          |                           | obsolete with Rev. 3  | -             |
|          | AMM-TR-MÂM 42-550, Routing in Center Wing                      | 2011-09-20    |          |                           | obsolete with Rev. 3  | -             |
|          | AMM-TR-MÂM 42-641, Propeller Pitch Information                 | 2012-04-12    |          |                           | obsolete with Rev. 3  | -             |
|          | AMM-TR-MÂM 42-684, Stall Warning System                        | 2014-01-21    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-MÂM 42-687, Passenger Door Improvement                  | 2016-12-07    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-MÂM 42-707/a, Correction of Aircraft Leveling           | 2016-02-01    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-MÂM 42-728, Unfeathering Accu-Procedure                 | 2013-03-18    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-MÂM 42-730, Fuel Level Sensor Installation              | 2013-03-19    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-MÂM 42-756, Ground Handling                             | 2014-07-09    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-MÂM 42-849, Wiggins Clamp (Turbo-Charger Clamp)         | 2014-06-24    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-MÂM 42-875, Replacement of Passenger Door Hinges        | 2014-09-25    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-MÂM 42-879, Turbo-Charger Clamp                         | 2014-12-17    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-MÂM 42-880, Drag Brace Figure Correction                | 2014-11-28    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-MÂM 42-881, Additional Elevator Mass                    | 2015-02-11    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-MÂM 42-893, Inspection of Cardan Joint Bracket          | 2015-11-27    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-MÂM 42-900, Silicate Cartridge                          | 2015-05-12    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-MÂM 42-911, Exhaust without Heat Shield                 | 2017-07-06    |          |                           | obsolete with Rev. 5  | -             |
|          | AMM-TR-MÂM 42-920, New Type 6 Lubricants                       | 2015-12-16    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-MÂM 42-961/a & MÂM 42-1007, Flap Control System         | 2017-04-12    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-MÂM 42-989, Conservation of Parts                       | 2016-08-07    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-MÂM 42-994, Door Handle Improvement                     | 2016-12-07    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-OÂM 42-053/a&054/a, Ice-protection-system               | 2007-01-12    |          |                           | obsolete with Rev. 2  | -             |
|          | AMM-TR-OÂM 42-053/b&054/b, Ice-protection-system               | 2015-06-01    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-OÂM 42-053/c&42-054/c, Flight Into Known-Icing          | 2018-02-26    |          |                           | obsolete with Rev. 5  | -             |
|          | AMM-TR-OÂM 42-053/d, Flight Into Known-Icing                   | 2019-09-04    |          |                           | obsolete with Rev. 5  | -             |
|          | AMM-TR-OÂM 42-053/e, Ice-protection-system                     | 2024-08-21    |          |                           | obsolete with Rev. 6  | -             |
|          | AMM-TR-OÂM 42-055/b, Continuous Flow Oxygen System             | 2012-12-20    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-OÂM 42-055a, Continuous flow oxygen-system              | 2006-02-25    |          |                           | obsolete with Rev. 2  | -             |
|          | AMM-TR-OÂM 42-056/g, Auxiliary Fuel Tanks                      | 2008-01-23    |          |                           | obsolete with Rev. 3  | -             |
|          | AMM-TR-OÂM 42-057, Stormscope WX-500                           | 2005-03-01    |          |                           | obsolete with Rev. 2  | -             |
|          | AMM-TR-OÂM 42-061, Self-extinguishing-resin in engine-cowlings | 2005-03-21    |          |                           | obsolete with Rev. 2  | -             |
|          | AMM-TR-OÂM 42-067, Front seats with adjustable backrest        | 2006-10-30    |          |                           | obsolete with Rev. 2  | -             |
|          | AMM-TR-OÂM 42-070/a, Rudder pedal adjustment                   | 2006-02-01    |          |                           | obsolete with Rev. 2  | -             |
|          | AMM-TR-OÂM 42-074/a, Mission Power Supply System               | 2008-07-19    |          |                           | obsolete with Rev. 2  | -             |
|          | AMM-TR-OÂM 42-077, Removable fuselage nose cone                | 2005-10-25    |          |                           | obsolete with Rev. 2  | -             |
|          | AMM-TR-OÂM 42-080, ELT Artex ME406                             | 2005-10-12    |          |                           | obsolete with Rev. 2  | -             |
|          | AMM-TR-OÂM 42-082, GDU 1040 new-part-number                    | 2006-01-16    |          |                           | obsolete with Rev. 2  | -             |
|          | AMM-TR-OÂM 42-088/a, 089/a & 090/a, Debris-protection          | 2006-03-23    |          |                           | obsolete with Rev. 2  | -             |
|          | AMM-TR-OÂM 42-094, Avidyne/Ryan TAS 600-Series                 | 2006-05-29    |          |                           | obsolete with Rev. 2  | -             |
|          | AMM-TR-OÂM 42-101, Sun-Visors                                  | 2006-10-30    |          |                           | obsolete with Rev. 2  | -             |
|          | AMM-TR-OÂM 42-102, GFC 700-Installation                        | 2007-12-20    |          |                           | obsolete with Rev. 3  | -             |
|          | AMM-TR-OÂM 42-106/b, Belly-Pod                                 | 2008-09-30    |          |                           | obs. w. TR-MÂM-42-319 | -             |
|          | AMM-TR-OÂM 42-107/c, Universal-Nose                            | 2009-10-01    |          |                           | obs. w. TR-MÂM-42-319 | -             |
|          | AMM-TR-OÂM 42-107/f, Universal-Nose                            | 2012-01-23    |          |                           | obsolete with Rev. 3  | -             |
|          | AMM-TR-OÂM 42-109/a, Riegl Laserscanner-System                 | 2008-02-29    |          |                           | obs. w. TR-MÂM-42-319 | -             |
|          | AMM-TR-OÂM 42-111/a & 158, Operator-Desk                       | 2008-09-30    |          |                           | obs. w. TR-MÂM-42-319 | -             |
|          | AMM-TR-OÂM 42-111/b & 158/a & 246, Operator-Desk               | 2015-04-20    |          |                           | obsolete with Rev. 4  | -             |

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|          | AMM-TR-OÄM-42-112, CI-120 G/S NAV Antennas                         | 2007-07-02    |          |                           | obsolete with Rev. 2  | -             |
|          | AMM-TR-OÄM-42-119/a, Garmin-GWX 68 Weather Radar                   | 2014-11-18    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-OÄM-42-121, ECU Installation                                | 2007-03-30    |          |                           | obsolete with Rev. 2  | -             |
|          | AMM-TR-OÄM-42-129, ECU Backup Batteries                            | 2007-07-11    |          |                           | obsolete with Rev. 2  | -             |
|          | AMM-TR-OÄM-42-130, Exhaust End Pipe                                | 2008-01-30    |          |                           | obsolete with Rev. 2  | -             |
|          | AMM-TR-OÄM-42-142, Sun visors for tall canopy                      | 2008-07-23    |          |                           | obsolete with Rev. 3  | -             |
|          | AMM-TR-OÄM-42-145, Cobolt 350 with Scotty Satcom System            | 2008-08-26    |          |                           | obs. w. TR-MÄM-42-319 | -             |
|          | AMM-TR-OÄM-42-175, Use of TS-1 Fuel                                | 2009-07-02    |          |                           | obsolete with Rev. 3  | -             |
|          | AMM-TR-OÄM-42-187, Coated Safety Walk                              | 2010-07-08    |          |                           | obsolete with Rev. 3  | -             |
|          | AMM-TR-OÄM-42-188, Increase of Maximum Zero Fuel Mass              | 2010-07-01    |          |                           | obsolete with Rev. 3  | -             |
|          | AMM-TR-OÄM-42-195, Maximum Landing Mass 1785 kg                    | 2010-07-14    |          |                           | obsolete with Rev. 3  | -             |
|          | AMM-TR-OÄM-42-205, Emergency axe                                   | 2011-04-15    |          |                           | obsolete with Rev. 3  | -             |
|          | AMM-TR-OÄM-42-215, Removal of Volt/Ammeter on the Connector Box    | 2011-09-05    |          |                           | obsolete with Rev. 3  | -             |
|          | AMM-TR-OÄM-42-222, Whelen LED Position / Anti Collision Lights     | 2016-06-01    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-OÄM-42-248, Provisions for Tablet Mount                     | 2016-09-06    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-OÄM-42-252, TAE 125-02-114 Engine                           | 2014-08-25    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-OÄM-42-259/a, Front Seats with Adjustable Backrest Hydroluk | 2014-12-04    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-OÄM-42-280, Cooling Baffle for Cold Weather Operation       | 2021-02-23    |          |                           | obsolete with Rev. 6  | -             |
|          | AMM-TR-OÄM-42-283, Pilot's Removable Stick                         | 2015-06-30    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-OÄM-42-304, Emergency Egress Hammer                         | 2017-03-13    |          |                           | obsolete with Rev. 4  | -             |
|          | AMM-TR-OÄM-42-324a & 334, AmSafe Seatbelt Airbag V23 System        | 2019-03-20    |          |                           | obsolete with Rev. 5  | -             |
|          | AMM-TR-VÄM-42-002, DA 42-M                                         | 2008-01-18    |          |                           | obsolete with Rev. 2  | -             |

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| <b>SUPPLEMENTAL AIRPLANE MAINTENANCE MANUAL (english)</b> |                                                                                        |               |          |                           |         |               |
| 7.02.21-M01                                               | Installation Instructions for System M01 - Belly Pod                                   | 2007-11-20    | 2        | 2008-09-30                |         | -             |
| 7.02.21-M02                                               | Installation Instructions for System M02 - Riegl Laserscanner System                   | 2008-02-05    | 1        | 2008-02-29                |         | -             |
| 7.02.21-M10                                               | Installation Instructions for System M10 - Operator Desk                               | 2008-04-30    | 2        | 2015-04-20                |         | -             |
| 7.02.21-M30                                               | Installation Instructions for System M30 - Universal Nose                              | 2008-03-19    | 2        | 2012-01-23                |         | -             |
| 7.02.21-M130                                              | Installation Instructions for System M130 - Universal Nose                             | 2009-10-01    | 1        | 2010-12-20                |         | -             |
| 7.02.21-M60                                               | Installation Instructions for System M60 - Nose Pod                                    | 2009-10-15    | 1        | 2011-02-21                |         | -             |
| 7.02.21-M160                                              | Installation Instructions for System M160 - Nose Pod with Standard Baggage Compartment | 2011-02-18    | -        |                           |         | -             |
| 7.02.21-M32                                               | Installation Instructions for System M32 - Cobolt 350 with Scotty Satcom System        | 2008-08-26    | -        |                           |         | -             |
| 7.02.01-S10                                               | Installation Instructions for System S10 - Flight Data Logging Device                  | 2016-02-03    | -        |                           |         | X             |

7.05.01  
Chapter 1

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| 7.03.01  | ILLUSTRATED PARTS CATALOGUE (english) - BASIC MANUAL                    |               |               |                           |                  |               |
|          | Illustrated Parts Catalogue (IPC)                                       | 2005-05-15    | current (N/A) |                           | online available | -             |
| 7.11.01  | OPERATIONAL SUITABILITY DATA - MASTER MINIMUM EQUIPMENT LIST (OSD-MMEL) |               |               |                           |                  |               |
|          | Master Minimum Equipment List (MMEL)                                    | 2016-05-18    | 1             | 2017-01-31                |                  | -             |

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| <b>SERVICE BULLETIN LIST</b> |                                                                                              |               |          |                           |                                                                                                                                                                                                                                                                                   |                                     |
| OSB42-001/2                  | Retrofit installation of design changes                                                      | 2005-12-23    | 2        | 2006-05-12                | DA 42 all S/N                                                                                                                                                                                                                                                                     | X                                   |
| SB42-002                     | not issued yet                                                                               | -             | -        |                           |                                                                                                                                                                                                                                                                                   | -                                   |
| MSB42-003                    | Thielert Software m2.7                                                                       | 2005-04-30    | -        |                           | S/N 42.004 up to and incl. 42.011                                                                                                                                                                                                                                                 | X                                   |
| SB42-004                     | not issued yet                                                                               |               |          |                           |                                                                                                                                                                                                                                                                                   | -                                   |
| MSB42-005                    | One engine inoperative climb/decent performance data                                         | 2005-08-08    | -        |                           | S/N 42.004 and subsequent                                                                                                                                                                                                                                                         | superseded by MSB42-006/1<br>-      |
| MSB42-006/1                  | Exchange of the safety walk on the wing stubs                                                | 2005-08-24    | 1        | 2005-09-20                | 42.004 through 42.064, 42.107, 42.109, 42.110, 42.177                                                                                                                                                                                                                             | ACG-AD: A-2005-003<br>SI42-015<br>X |
| MSB42-007/23                 | Software for TAE engine, approved versions                                                   | 2005-09-29    | 23       | 2024-04-12                | DA 42, DA 42 M S/N 42.004 and subsequent, 42.AC001 and subsequent, 42.M001 and subsequent                                                                                                                                                                                         | X                                   |
| MSB42-008/18                 | Software for Garmin G1000; approved software systems, manifests and configurations           | 2005-09-29    | 18       | 2025-05-12                | DA 42, DA 42 M S/N 42.004 and subsequent equipped with TAE125-01, TAE125-02-99, or TAE125-02-114 engines<br>42.AC001 and subsequent equipped with TAE125-01, TAE125-02-99, or TAE125-02-114 engines<br>42.M001 and subsequent equipped with TAE125-02-99 or TAE125-02-114 engines | <b>NEW</b> X                        |
| OSB42-009                    | Cargo door hinges                                                                            | 2006-03-23    | -        |                           | 42.114 and previous, excluding 42.064 through 42.106 and 42.108                                                                                                                                                                                                                   | X                                   |
| MSB42-010/1                  | Relocation of Configuration Module, KCM 100                                                  | 2005-11-07    | 1        | 2005-11-09                | 42.004 to 42.065, 42.107, 42.109 to 42.113, 42.177                                                                                                                                                                                                                                | X                                   |
| SB42-011                     | not issued yet                                                                               |               |          |                           |                                                                                                                                                                                                                                                                                   | -                                   |
| SB42-012                     | not issued yet                                                                               |               |          |                           |                                                                                                                                                                                                                                                                                   | -                                   |
| OSB42-013                    | Installation of an auxiliary fuel tank                                                       | 2006-02-02    | -        |                           | S/N 42.010 and subsequent                                                                                                                                                                                                                                                         | X                                   |
| OSB42-014/4                  | Increase of maximum take off mass                                                            | 2006-02-08    | 4        | 2006-04-18                | S/N 42.004 to 42.124 and 42.177                                                                                                                                                                                                                                                   | X                                   |
| OSB42-015/6                  | Installation of ice protection system for operation under known or forecast icing conditions | 2006-02-08    | 6        | 2024-07-16                | DA 42, DA 42 M S/N 42.010 and subsequent, 42.AC001 and subsequent, 42.M001 and subsequent                                                                                                                                                                                         | X                                   |
| MSB42-016/2                  | Installation Improved Breather Line                                                          |               | 2        | 2007-02-14                | all DA 42 airplanes equipped with TAE125-01 engines and MAM 42-176 not incorporated                                                                                                                                                                                               | X                                   |
| MSB42-017                    | Oil lines                                                                                    | 2006-02-21    | -        |                           | 42.004 through 42.090, and 42.107, 42.109, 42.110, 42.111, 42.112, 42.113, 42.177.                                                                                                                                                                                                | X                                   |
| OSB42-018                    | Installation of a WX-500 Stormscope                                                          | 2006-02-22    | -        |                           | S/N 42.004 and subsequent                                                                                                                                                                                                                                                         | X                                   |
| MSB42-019/4                  | Exchange of the Auxiliary Fuel Tank check valve and installation of additional filter        | 2006-03-28    | 4        | 2006-08-01                | All DA42 S/N with the Auxiliary Fuel Tank installed prior to 21-Jun-2006                                                                                                                                                                                                          | X                                   |
| OSB42-020                    | Improvement of heating system                                                                | 2006-06-21    | -        |                           | 42.007 through 42.048, 42.050 through 42.053, 42.055, 42.056, 42.058, 42.059, 42.061 through 42.064, 42.066 through 42.088, 42.090 through 42.094, 42.107 through 42.113 42.AC001                                                                                                 | X                                   |
| MSB42-021                    | Inspection of clearance of exhaust pipe                                                      | 2006-06-13    | -        |                           | S/N 42.007 42.140, 42.177                                                                                                                                                                                                                                                         | X                                   |
| SB42-022                     | not issued yet                                                                               |               |          |                           |                                                                                                                                                                                                                                                                                   | -                                   |
| OSB42-023/1                  | Optional retrofit installation of an oxygen system                                           | 2006-07-25    | 1        | 2012-07-24                | DA 42, DA 42 M, all S/N                                                                                                                                                                                                                                                           | X                                   |
| MSB42-024/3                  | Installation of Propeller System Check valve Bracket                                         | 2006-07-13    | 3        | 2006-09-19                | 42.004 through 42.129, 42.177<br>42.AC001                                                                                                                                                                                                                                         | EASA-AD: 2006-0277<br>SI42-031<br>X |
| RSB42-025/1                  | Improved Fuel Probe                                                                          | 2006-10-02    | 1        | 2014-11-03                | 42.008 through 42.152, 42.154 through 42.167, 42.177, 42.AC001 through 42.AC029                                                                                                                                                                                                   | X                                   |

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| OSB42-026/3 | Installation of Avidyne TAS 600 or 610 or 620 System                                                                     |               | 3 2007-11-23 | DA 42 S/N 42.017, 42.059, 42.075, 42.190                                                                                                                                                                                                                     | This option is no longer provided by the manufacturer | -             |
| MSB42-027/1 | Engine Controls - Electrical Harness                                                                                     | 2006-10-02    | 1 2007-02-14 | all DA 42 aircraft equipped with TAE125-01 engines                                                                                                                                                                                                           |                                                       | X             |
| MSB42-028   | Engine Controls - Electrical Harness - Sealant                                                                           | 2006-10-02    | -            | 42.008 through 42.160, 42.AC001, 42.AC002, 42.AC005, 42.AC006 provided that a black rubber harness protection is installed and not the green fabric one                                                                                                      |                                                       | X             |
| RSB42-029   | Installation of Additional Positioning Pins for the Canopy                                                               | 2006-09-27    | -            | 42.004 up to and incl. 42.156, 42.158, 42.164, 42.168 up to and incl. 42.179, 42.AC001 up to and incl. 42.AC039                                                                                                                                              |                                                       | X             |
| MSB42-030/2 | Check of return fuel line installation on Common Rail                                                                    | 2006-11-06    | 2 2006-12-20 | 42.004 up to and incl. 42.196, 42.AC001 up to and incl. 42.AC0042                                                                                                                                                                                            |                                                       | X             |
| MSB42-031/1 | Inspection and repair of MLG brace rib                                                                                   | 2006-11-15    | 1 2007-04-05 | 42.004 through 42.060, 42.062 through 42.092, 42.094 through 42.115, 42.117 through 42.128, 42.131, 42.132, 42.135 through 42.156, 42.158 through 42.163, 42.165 through 42.170, 42.174, 42.175, 42.177, 42.178, 42.180, 42.AC001 through 42.AC008, 42.AC010 |                                                       | X             |
| MSB42-032/1 | Auxiliary Fuel Tank, Ventilation Hole, Inspection                                                                        | 2006-11-22    | 1 2007-01-24 | 42.015, 42.028, 42.036, 42.044, 42.055, 42.059, 42.062, 42.067, 42.069, 42.075 up to and incl. 42.100, 42.105, 42.106, 42.108, 42.114, 42.115, 42.117 up to and incl. 42.122, 42.124                                                                         | EASA-AD: 2007-0047<br>SI42-036                        | X             |
| SB42-033    | not issued yet                                                                                                           |               |              |                                                                                                                                                                                                                                                              |                                                       | -             |
| SB42-034    | not issued yet                                                                                                           |               |              |                                                                                                                                                                                                                                                              |                                                       | -             |
| MSB42-035   | Coolant Tank Cap - Pressure Relieve Test                                                                                 | 2006-12-07    | -            | all DA 42                                                                                                                                                                                                                                                    |                                                       | X             |
| RSB42-036/2 | Installation of a Water Separator in the MAP-Lines of the ECU                                                            | 2007-02-08    | 2 2016-04-18 | DA 42 S/N 42.004 through 42.427, 42.AC001 through 42.AC151, 42.M001 through 42.M026                                                                                                                                                                          |                                                       | X             |
| OSB42-037/1 | Installation of Becker ADF 3500 System                                                                                   | 2007-01-22    | 1 2012-05-05 | DA 42 S/N 42.174, 42.182, 42.199, 42.354                                                                                                                                                                                                                     | This option is no longer provided by the manufacturer | -             |
| MSB42-038/2 | Installation of a Modified Water Tube Bracket                                                                            | 2007-03-14    | 2 2007-07-26 | 42.004 up to and incl. 42.231, if TAE 125-01 Engine is installed and RSB-42-038 not carried out<br>42.AC001 up to and incl. 42.AC059, if TAE 125-01 Engine is installed and RSB-42-038 not carried out                                                       |                                                       | X             |
| MSB42-039   | Installation of a Redesigned Breather Line and a New Oil Separator                                                       | 2007-03-26    | -            | 42.005 up to and incl. 42.170, 42.177, 42.AC001 up to and incl. 42.AC027                                                                                                                                                                                     | see also SI42-038                                     | X             |
| OSB42-040   | Installation of ECU P/N 02-7610-55181R1                                                                                  | 2007-03-28    | -            | all DA 42 with TAE 125-01 Engine installed                                                                                                                                                                                                                   |                                                       | X             |
| RSB42-041/1 | Welding reinforcement of the cabin heat exchanger (RH-engine) and defrost heat exchanger (LH-engine), P/N D60-2140-10-00 | 2007-05-03    | 1 2007-07-26 | 42.004 up to and incl. 42.231, if TAE 125-01 Engine is installed<br>42.AC001 up to and incl. 42.AC064, if TAE 125-01 Engine is installed                                                                                                                     |                                                       | X             |

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|-------------|-----------------------------------------------------------------------------------------------------|---------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------|
| MSB42-042/1 | Installation of additional ECU Backup Batteries                                                     | 2007-06-22    | 1 2007-08-08 | 42.004, 42.006, 42.009 to 42.156, 42.158 to 42.176, 42.178 to 42.190, 42.192 to 42.233, 42.235 to 42.246, 42.248 to 42.254, 42.256 to 42.261 42.263 to 42.269, 42.AC001 to 42.AC109                                                                                                            | EASA-AD: 2007-0183 R2<br>OSB42-050/1<br>SI42-040<br>SI42-047                                                                 | X             |
| MSB42-043/1 | Replacement of aileron bellcrank located in the wing and replacement of a bent rod end              | 2008-02-14    | 1 2008-04-03 | DA 42 S/N 42.006 through 42.285, 42.287, 42.289 through 42.291, 42.295, 42.297, 42.301, 42.302, 42.306 through 42.308, 42.AC001 through 42.AC110                                                                                                                                               | EASA-AD: 2008-0086                                                                                                           | X             |
| SB42-044    | not issued yet                                                                                      |               |              |                                                                                                                                                                                                                                                                                                |                                                                                                                              | -             |
| SB42-045    | not issued yet                                                                                      |               |              |                                                                                                                                                                                                                                                                                                |                                                                                                                              | -             |
| OSB42-046/2 | Retrofit of the TAE 125-02-99 engine                                                                | 2007-08-08    | 2 2011-04-01 | 42.004 up to and incl. 42.202, 42.204 up to and incl. 42.223, 42.225 up to and incl. 42.231, 42.AC001 up to and incl. 42.AC064                                                                                                                                                                 |                                                                                                                              | X             |
| SB42-047    | not issued yet                                                                                      |               |              |                                                                                                                                                                                                                                                                                                |                                                                                                                              | -             |
| SB42-048    | not issued yet                                                                                      |               |              |                                                                                                                                                                                                                                                                                                |                                                                                                                              | -             |
| SB42-049    | not issued yet                                                                                      |               |              |                                                                                                                                                                                                                                                                                                |                                                                                                                              | -             |
| OSB42-050/2 | Installation of additional ECU Backup Batteries sufficient for at least 30 Minutes Engine Operation | 2007-08-13    | 2 2024-09-06 | 42.004, 42.006, 42.009 to 42.156, 42.158 to 42.176, 42.178 to 42.190, 42.192 to 42.233, 42.235 to 42.246, 42.248 to 42.254, 42.256 to 42.261, 42.263 to 42.269, 42.AC001 to 42.AC109, or all serial numbers with OÄM 42-074 not installed or MÄM 42-240 installed and OÄM 42-129 not installed | EASA-AD: 2007-0183 R2<br>MSB42-042/1                                                                                         | X             |
| OSB42-051   | Installation of a Comant CI120/GS NAV/LOC/GS Antenna on the vertical fin                            | 2007-12-18    | -            | all DA 42 except OÄM 42-112 is already installed                                                                                                                                                                                                                                               |                                                                                                                              | X             |
| SB42-052    | not issued yet                                                                                      |               |              |                                                                                                                                                                                                                                                                                                |                                                                                                                              | -             |
| SB42-053    | not issued yet                                                                                      |               |              |                                                                                                                                                                                                                                                                                                |                                                                                                                              | -             |
| SB42-054    | not issued yet                                                                                      |               |              |                                                                                                                                                                                                                                                                                                |                                                                                                                              | -             |
| MSB42-055   | Water Circulation Installation                                                                      | 2008-01-10    | -            | 42.AC001 through 42.AC064, equipped with TAE125-01 engines                                                                                                                                                                                                                                     |                                                                                                                              | X             |
| OSB42-056   | Conversion of a Standard DA 42 to a DA 42 M                                                         | 2008-02-28    | -            | DA 42 S/N 42.005, 42.008, 42.157, 42.177, 42.191, 42.234, 42.247, 42.255, 42.262, 42.272, 42.282, 42.286, 42.293, 42.304, 42.319, 42.328                                                                                                                                                       | S/N affectivity of the OSB is ruled by the EASA TCDS, S/N not listed in the OSB are not eligible for conversion to a DA 42 M | X             |
| OSB42-057   | Installation of an Additional Exhaust End Pipe                                                      | 2008-05-19    | -            | All DA 42 aircraft equipped with Thielert TAE 125-02-99 engine provided that MÄM 42-088 or SB 42-014 (MTOM 1785kg) is carried out and OÄM 42-130 is not carried out                                                                                                                            |                                                                                                                              | X             |
| MSB42-058   | Wire Secured Bolts for Engine Support                                                               | 2008-05-21    | -            | all aircraft S/N with TAE 125-01 engine installed, except particular engine S/N                                                                                                                                                                                                                |                                                                                                                              | X             |
| SB42-059    | not issued yet                                                                                      |               |              |                                                                                                                                                                                                                                                                                                |                                                                                                                              | -             |
| OSB42-060   | Bubble Canopy - Removing of the standard canopy and installation of the bubble canopy               | 2008-06-17    | -            | DA42 S/N 42-182, 42.199                                                                                                                                                                                                                                                                        | This option is no longer provided by the manufacturer                                                                        | -             |

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|-------------|-----------------------------------------------------------------------------------------|---------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------|
| OSB42-061   | Import requirements to CIS                                                              | 2011-07-11    | -            | DA 42, DA 42 M<br>all S/N, in which NÄM 42-017 'Operation in the<br>CIS' has not been carried out                                                                                                                                                                                                                                                                                                                                                                                         |                                | X             |
| MSB42-062/1 | Replacement of the Landing Gear - Downlock Pin incl. WI Rev. 1                          | 2008-08-14    | 1 2008-11-13 | DA42 and DA42 M aircraft; S/N 42.004 up to and<br>incl. 42.429, 42.AC001 up to and incl. 42.AC152,<br>42.M001 up to and incl. 42.M039                                                                                                                                                                                                                                                                                                                                                     |                                | X             |
| MSB42-063/1 | Inspection and Modifications of the NLG centering unit mount                            | 2009-11-24    | 1 2010-01-22 | 42.160 through 42.167, 42.171 through 42.174,<br>42.179, 42.181 through 42.285, 42.287 through<br>42.296, 42.298 through 42.323, 42.325 through<br>42.335, 42.337 through 42.351, 42.353 through<br>42.357, 42.359 through 42.365, 42.367 through<br>42.379, 42.382, 42.388, 42.404, 42.407, 42.417<br>through 42.426, 42.M001, 42.M003, 42.M005<br>through 42.M019, 42.AC026, 42.AC027, 42.AC029,<br>42.AC033 through 42.AC036, 42.AC040 through<br>42.AC131                             |                                | X             |
| SB42-064    | not issued yet                                                                          |               |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                | -             |
| OSB42-065/1 | Installation of an Alternative Main Battery                                             | 2009-05-26    | 1 2009-11-20 | DA 42 & DA 42 M all S/N                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                | X             |
| RSB42-066   | Replacement of the check valve at the auxiliary tank (LH & RH) with a<br>solenoid valve | 2008-12-04    | -            | DA42 and DA42 M; S/N 42.004 and subsequent,<br>42.AC001 and subsequent, 42.M001 and<br>subsequent;<br>with auxiliary tank installations prior to Rev. "i" of<br>OÄM 42-056 (OÄM 42-056/i) installed                                                                                                                                                                                                                                                                                       |                                | X             |
| SB42-067    | not issued yet                                                                          |               |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                | -             |
| OSB42-068/2 | Conversion of DA 42 Aircraft to variant DA 42 NG                                        | 2009-10-08    | 2 2013-08-14 | DA 42 S/N 42.004 and subsequent, 42.AC001 and<br>subsequent                                                                                                                                                                                                                                                                                                                                                                                                                               |                                | X             |
| SB42-069    | not issued yet                                                                          |               |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                | -             |
| MSB42-070/1 | Inspection of NLG Tubular Pivot Assembly incl. WI Rev. 2                                | 2009-04-06    | 1 2009-06-24 | DA42, DA42 M S/N 42.004 up to and inclusive<br>42.285, 42.287 up to and inclusive 42.338, 42.340<br>up to and inclusive 42.351, 42.353 up to and<br>inclusive 42.357, 42.359 up to and inclusive<br>42.378, 42.380, 42.382, 42.385, 42.388, 42.394,<br>42.396, 42.399, 42.405, 42.406, 42.407, 42.408,<br>42.416, 42.AC001 up to and inclusive 42.AC120,<br>42.AC122 up to and inclusive 42.AC131, 42.M001,<br>42.M003, 42.M005 up to and inclusive 42.M007,<br>42.M009, 42.M010, 42.M017 |                                | X             |
| OSB42-071/1 | NG Safety Walk Installation on DA 42 Aircraft                                           | 2009-07-03    | 1 2010-01-08 | DA42 / DA42 M, S/N 42.001 through 42.416,<br>42.M001 through 42.M023, 42.AC001 through<br>42.AC152                                                                                                                                                                                                                                                                                                                                                                                        | EASA-AD: A-2005-003 4. C.<br>i | X             |

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|-------------|----------------------------------------------------------------------------------------------|---------------|----------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| RSB42-072/2 | Application of an approved sealant on the fire sensor or replacement by a sealed fire sensor | 2009-09-10    | 2        | 2010-04-22                | DA42 / DA42 M, S/N 42.004 through 42.307, 42.309 through 42.321, 42.324 through 42.347, 42.349, 42.351, 42.353 through 42.357, 42.359 through 42.386, 42.388, 42.394, 42.396, 42.399, 42.405 through 42.408, 42.416, 42.M001 through 42.M007, 42.M009, 42.M010, 42.M017, 42.AC001 through 42.AC120, 42.AC122 through 42.AC132                                                                                                                                                               | X                       |
| SB42-073    | not issued yet                                                                               |               |          |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                       |
| MSB42-074/3 | Reinforcement of the supporting structure in NLG-Box                                         |               | 3        | 2010-01-29                | 42.004 through 42.010, 42.012 through 42.031, 42.033 through 42.059, 42.061 through 42.177, 42.179 through 42.338, 42.340 through 42.351, 42.353 through 42.357, 42.359 through 42.378, 42.380 through 42.385, 42.386, 42.388, 42.394, 42.396, 42.399, 42.404, 42.405, 42.406, 42.407, 42.408, 42.416, 42.AC001 through 42.AC120, 42.AC122 through 42.AC132, 42.AC138, 42.AC142 through 42.AC145, 42.AC148, 42.AC150, 42.AC151, 42.M001 through 42.M007, 42.M009, 42.M010, 42.M017, 42.M027 | X                       |
| OSB42-075   | Use of Diesel Fuel (EN 590) on DA 42 aircraft                                                | 2009-09-21    | -        |                           | DA42, S/N 42.004 through 42.094, 42.107, 42.109 through 42.113, 42.177, 42.AC.001, 42.AC.002                                                                                                                                                                                                                                                                                                                                                                                                | X                       |
| MSB42-076   | Sealing of Holes in the Firewall                                                             | 2010-06-07    | -        |                           | DA 42, DA 42 M, S/N 42.004 through 42.061, 42.063 through 42.121, 42.123 through 42.300, 42.AC001 through 42.AC132, 42.AC135, 42.AC138, 42.AC142 through 42.AC145, 42.AC148, 42.AC150, 42.AC151, 42.M001 through 42.M010, 42.M017                                                                                                                                                                                                                                                           | X                       |
| MSB42-077   | Check of emergency exit lever                                                                | 2010-07-14    | -        |                           | DA 42, DA 42 M S/N 42.004 through 42.416, 42.427, 42.M001 through 42.M025, 42.AC001 through 42.AC152                                                                                                                                                                                                                                                                                                                                                                                        | X                       |
| OSB42-078   | Installation of a Coated Safety Walk                                                         | 2010-05-20    | -        |                           | DA 42, DA 42 M, S/N 42.004 and subsequent, 42.AC001 and subsequent, 42.M001 and subsequent                                                                                                                                                                                                                                                                                                                                                                                                  | X                       |
| SB42-079    | not issued yet                                                                               |               |          |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                       |
| RSB42-080   | Installation of Suppressor Diodes at the ECU Relays                                          | 2010-04-02    | -        |                           | DA 42, DA 42 M all S/N                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | X                       |
| OSB42-081/2 | Conversion of DA 42 M aircraft to variant DA 42 M-NG                                         | 2010-03-17    | 2        | 2018-03-27                | DA 42 M S/N 42.M001 and subsequent, DA 42 aircraft converted to DA 42 M via OSB 42-056                                                                                                                                                                                                                                                                                                                                                                                                      | X                       |
| OSB42-082   | Changing DA 42 M / DA 42 M-NG aircraft from restricted to normal type certification          | 2010-03-17    | -        |                           | DA 42 M (restricted TC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | X                       |
| MSB42-083   | Replacement of the passenger door retaining bracket                                          | 2010-07-13    | -        |                           | DA 42, DA 42 M S/N 42.004 through 42.199, 42.AC001 through 42.AC059                                                                                                                                                                                                                                                                                                                                                                                                                         | EASA-AD: 2010-0235<br>X |

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|-------------|---------------------------------------------------------------------------------|---------------|----------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------|
| OSB42-084/8 | Increase of Maximum Zero Fuel Mass                                              | 2010-08-18    | 8        | 2025-01-29 | DA 42, DA 42 M S/N 42.182, 42.191, 42.195, 42.199, 42.221, 42.234, 42.262, 42.319, 42.328, 42.334, 42.354, 42.356, 42.412, 42.M001 and 42.M016<br>provided that MÄM 42-088 or OSB 42-014 have been installed                                                                                                                                                                                                                                                                     |                                                             | X             |
| OSB42-085/1 | Installation of vibration and cabin noise reduction measures in the floor panel | 2010-10-14    | 1        | 2014-03-03 | DA 42, DA 42 M S/N 42.004 through 42.427, 42.AC001 through 42.AC152, 42.M001 through 42.M026, 42.N001 through 42.N059, 42.N100 through 42.N115, 42.NC001, 42.NC002, 42.MN001 through 42.N026<br>if OÄM 42-197 has not been installed during production                                                                                                                                                                                                                           |                                                             | X             |
| OSB42-086/5 | Installation of the DA 42 NG Landing Gear on DA 42 aircraft                     | 2010-08-18    | 5        | 2025-01-29 | DA 42, DA 42 M S/N 42.182, 42.191, 42.195, 42.199, 42.319, 42.328, 42.334, 42.354, 42.356, 42.412 and 42.M001<br>provided that MÄM 42-088 or OSB 42-014 has been carried out                                                                                                                                                                                                                                                                                                     |                                                             | X             |
| MSB42-087/1 | Inspection of rudder control system and NLG steering bracket                    | 2010-10-20    | 1        | 2010-11-15 | DA 42, DA 42 M S/N 42.004 through 42.036, 42.038 through 42.047, 42.049 through 42.053, 42.055 through 42.321, 42.324 through 42.347, 42.349, 42.351, 42.353 through 42.357, 42.359 through 42.386, 42.388, 42.389, 42.391, 42.394, 42.396, 42.399 through 42.401, 42.405 through 42.409, 42.412 through 42.416, 42.427, 42.AC001 through 42.AC135, 42.AC138, 42.AC142 through 42.AC145, 42.AC148, 42.AC150, 42.AC151, 42.M001 through 42.M012, 42.M015 through 42.M019, 42.M022 |                                                             | X             |
| MSB42-088/3 | Inspection of MLG joint                                                         | 2010-06-23    | 3        | 2011-03-08 | DA 42, DA 42 M S/N 42.004 through 42.321, 42.324 through 42.347, 42.349, 42.351, 42.353 through 42.357, 42.359 through 42.386, 42.388, 42.389, 42.391, 42.394, 42.396, 42.399 through 42.401, 42.405 through 42.409, 42.412 through 42.416, 42.427, 42.AC001 through 42.AC152, 42.M001 through 42.M011, 42.M015 through 42.M019, 42.M021, 42.M022                                                                                                                                | EASA-AD: 2011-0020R1<br>FAA-AD: 2011-11-07<br>(MSB42-088/2) | X             |

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|-------------|-------------------------------------------------------------------|---------------|----------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---|
| RSB42-089/1 | Replacement of Seals in Main Landing Gear Damper                  | 2010-10-06    | 1        | 2011-04-19                | DA 42, DA 42 M S/N 42.004 through 42.321, 42.324 through 42.347, 42.349, 42.351, 42.353 through 42.357, 42.359 through 42.386, 42.388, 42.389, 42.391, 42.394, 42.396, 42.399, 42.405 through 42.409, 42.412 through 42.416, 42.427, 42.AC001 through 42.AC152, 42.M001 through 42.M011, 42.M015 through 42.M019, 42.M021, 42.M022<br>provided that a damper D60-3277-10-00_01 has NOT yet been installed                                                                                               | X                                        |   |
| SB42-090    | not issued yet                                                    |               |          |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                        |   |
| MSB42-091   | Main Landing Gear Bearing Housing                                 | 2011-06-28    | -        |                           | DA 42, DA 42 M S/N 42.005 through 42.416, 42.427; 42.AC001 through 42.AC151; 42.M001 through 42.M026                                                                                                                                                                                                                                                                                                                                                                                                    | X                                        |   |
| MSB42-092   | Center Wing - Skin to Spar Bond                                   | 2011-05-20    | -        |                           | DA 42, DA 42 M S/N 42.006 through 42.008, 42.010, 42.012 through 42.014, 42.016 through 42.033, 42.035 through 42.043, 42.045, 42.046, 42.048 through 42.051, 42.053, 42.055 through 42.059, 42.061 through 42.081, 42.083 through 42.093, 42.096 through 42.097, 42.099 through 42.120, 42.122 through 42.125, 42.127 through 42.148, 42.150 through 42.170, 42.172 through 42.176, 42.178, 42.179, 42.181 through 42.200, 42.202 through 42.224, 42.AC001 through 42.AC028, 42.AC030 through 42.AC052 | EASA-AD: 2011-0100<br>FAA-AD: 2012-17-07 | X |
| SB42-093    | not issued yet                                                    |               |          |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                        |   |
| RSB42-094   | Installation of a stiffener on the alternator cable               | 2011-11-22    | -        |                           | DA 42, DA 42 M S/N 42.004 through 42.391, 42.394 through 42.396, 42.399 through 42.402, 42.405 through 42.409, 42.412 through 42.416, 42.427<br>42.M001, 42.M002, 42.M004, 42.M006 through 42.M019, 42.M022 through 42.M026<br>42.AC001 through 42.AC145, 42.AC148, 42.AC150, 42.AC151                                                                                                                                                                                                                  | X                                        |   |
| MSB42-095   | Replacement of MLG damper nut                                     | 2011-11-11    | -        |                           | DA 42, DA 42 M S/N 42.004 through 42.321, 42.324 through 42.347, 42.349, 42.351, 42.353 through 42.357, 42.359 through 42.386, 42.388, 42.389, 42.391, 42.394, 42.396, 42.399, 42.405 through 42.409, 42.412 through 42.416, 42.427, 42.AC001 through 42.AC152, 42.M001 through 42.M011, 42.M015 through 42.M019, 42.M021, 42.M022<br>provided that damper D60-3277-10-00_01 has NOT been installed on both MLG legs                                                                                    | EASA-AD: 2012-0174<br>FAA-AD: 2013-07-01 | X |
| OSB42-096   | Installation of a tall canopy bubble to the existing canopy frame | 2013-01-08    | -        |                           | DA 42 S/N 42.004 and subsequent, 42.AC001 and subsequent                                                                                                                                                                                                                                                                                                                                                                                                                                                | X                                        |   |

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|-------------|---------------------------------------------------------------------------------------------------------------------------|---------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------|
| RSB42-097   | Replacement of Manifold Pressure Line Fitting                                                                             | 2013-02-20    | -            | DA 42, DA 42 M S/N<br>42.203, 42.224, 42.232 through 42.416, 42.427<br>42.AC065 through 42.AC151<br>42.M001 through 42.M026<br>Airplanes with OSB 42-046 using WI-OSB 42-046<br>Rev. 0 or 1                |         | X             |
| OSB42-098/1 | Installation of new power supplies for the taxi- and landing lights                                                       | 2013-03-11    | 1 2023-02-17 | DA 42, DA 42 M S/N<br>42.004 and subsequent, 42.AC001 and<br>subsequent, 42.M001 and subsequent                                                                                                            |         | X             |
| MSB42-099/1 | Inspection / replacement of spherical rod end bearing and safety washer of nose landing gear (NLG) actuator               | 2013-04-22    | 1 2013-05-03 | DA 42, DA 42 M all S/N                                                                                                                                                                                     |         | X             |
| SB42-100    | not issued yet                                                                                                            |               |              |                                                                                                                                                                                                            |         | -             |
| SB42-101    | not issued yet                                                                                                            |               |              |                                                                                                                                                                                                            |         | -             |
| RSB42-102   | Inspection for insufficient clearance between the canopy arms and the resistors of the ice lights in the instrument panel | 2017-10-27    | -            | DA 42, DA 42 M S/N 42.004 through 42.320,<br>42.AC001 through 42.AC090<br>Note Airplanes converted to DA 42 NG or DA 42<br>M-NG are not affected by this Service Bulletin.                                 |         | X             |
| MSB42-103/1 | Amendment of Engine Starting Procedure                                                                                    | 2013-10-31    | 1 2014-03-19 | DA 42, DA 42 M all S/N with Dual Flywheel Mass<br>(MAM 42-764) installed                                                                                                                                   |         | X             |
| RSB42-104   | Installation of permanent maintenance access holes in wings                                                               | 2014-10-09    | -            | DA 42, DA 42 M S/N<br>42.004 and subsequent<br>42.AC001 and subsequent<br>42.M001 and subsequent                                                                                                           |         | X             |
| OSB42-105   | Installation provisions for a safety mesh to protect the fuel vent covers into the wings                                  | 2014-12-02    | -            | DA 42, DA 42 M S/N<br>42.004 and subsequent<br>42.AC001 and subsequent<br>42.M001 and subsequent                                                                                                           |         | X             |
| SB42-106    | not issued yet                                                                                                            |               |              |                                                                                                                                                                                                            |         | -             |
| SB42-107    | not issued yet                                                                                                            |               |              |                                                                                                                                                                                                            |         | -             |
| RSB42-108/1 | Sealing of Nose cone                                                                                                      | 2015-02-26    | 1 2016-03-23 | DA 42, DA 42 M S/N<br>S/N 42.004, 42.005, 42.008, 42.034, 42.157, 42.177,<br>42.191, 42.234, 42.247, 42.255, 42.262, 42.272,<br>42.282, 42.286, 42.293, 42.304, 42.319, 42.328,<br>42.M001 through 42.M027 |         | X             |
| MSB42-109/2 | Installation of a start assist relay for ECU start phase monitoring                                                       | 2014-11-28    | 2 2015-04-07 | DA 42, DA 42 M with TAE 125-02-099 engines and<br>dual mass flywheel installed S/N<br>42.004 through 42.427<br>42.M001 through 42.M027<br>42.AC001 through 42.AC151                                        |         | X             |
| OSB42-110   | Installation of a heating improvement – Winter Kit                                                                        | 2015-09-01    | -            | DA 42 and DA 42 M with TAE 125-01 or TAE 125-<br>02-99 engines<br>S/N 42.004 and subsequent, 42.AC001 and<br>subsequent, 42.M001 and subsequent                                                            |         | X             |
| OSB42-111   | Installation of a Winter Kit in center wing fresh air inlet                                                               | 2015-09-01    | -            | DA 42, DA 42 M<br>S/N 42.004 and subsequent, 42.AC001 and<br>subsequent, 42.M001 and subsequent                                                                                                            |         | X             |

7.05.01  
Chapter 1

# DA42 TDI / DA42 MPP



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| Doc. No.    | Description                                                                                                                                              | Initial Issue | Revision | Ser.Nos. affected (SB/SI) | Remarks                                                                                                                                                                                                                                                                                  | PDF available                        |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| MSB42-112/1 | Replacement of the aluminum turbo charger clamp with a steel clamp                                                                                       | 2015-02-10    | 1        | 2015-02-24                | DA 42, DA 42 M S/N 42.004 through 42.427, 42.AC001 through 42.AC153, 42.M001 through 42.M027                                                                                                                                                                                             | X                                    |
| OSB42-113   | Installation of the Coolant Level Sensor D4D-9075-26-26                                                                                                  | 2015-02-03    | -        |                           | DA 42, DA 42 M S/N 42.004 through 42.427 42.AC001 through 42.AC151 42.M001 through 42.M026                                                                                                                                                                                               | X                                    |
| OSB42-114   | Installation of maintenance access holes in the elevator                                                                                                 | 2015-05-19    | -        |                           | DA 42, DA 42 M, S/N 42.004 through 42.084                                                                                                                                                                                                                                                | X                                    |
| OSB42-115   | Installation of a removable RH control stick                                                                                                             | 2015-07-13    | -        |                           | DA 42, DA 42 M S/N 42.004 and subsequent 42.AC001 and subsequent 42.M001 and subsequent Only eligible for aircraft equipped with GFC 700                                                                                                                                                 | X                                    |
| OSB42-116   | Installation of resistors to prevent nuisance fuel transfer advisories                                                                                   | 2015-09-04    | -        |                           | DA 42, DA 42 M S/N 42.004 through 42.427 42.AC001 through 42.AC152 42.M001 through 42.M026                                                                                                                                                                                               | X                                    |
| OSB42-117/3 | Retrofit installation of TAE 125-02-114 engines                                                                                                          | 2015-09-01    | 3        | 2019-11-20                | DA 42, DA 42 M S/N 42.004 and subsequent 42.AC001 and subsequent 42.M001 and subsequent                                                                                                                                                                                                  | X                                    |
| SB42-118    | not issued yet                                                                                                                                           |               |          |                           |                                                                                                                                                                                                                                                                                          | -                                    |
| OSB42-119   | Installation of a GPS-Tracker as Carry-On Equipment                                                                                                      | 2016-02-29    | -        |                           | DA 42, DA 42 M S/N 42.004 and subsequent, 42.AC001 and subsequent, 42.M001 and subsequent                                                                                                                                                                                                | X                                    |
| MSB42-120/3 | Replacement of exhaust pipe and if necessary temporary installation of an additional exhaust bracket                                                     | 2016-06-24    | 3        | 2017-12-20                | DA 42 S/N 42.004 through 42.427, 42.AC001 through 42.AC151, 42.M001 through 42.M027 Only airplanes with a TAE 125-02-99 or TAE 125-02-114 engine with exhaust pipe DAI P/N D60-9078-06-01 / Technify P/Ns 52-7810-H0001 02, 52-7810-H0001 03 or 52-7810-H0001 04 installed are affected. | X                                    |
| OSB42-121   | Installation of LED Position Lights and ACL                                                                                                              | 2016-06-22    | -        |                           | DA 42, DA 42 M S/N 42.004 and subsequent, 42.AC001 and subsequent, 42.M001 and subsequent                                                                                                                                                                                                | X                                    |
| OSB42-122/2 | First time installation of exhaust pipe DAI P/N D60-9078-06-01-01 / Technify P/N 52-7810-H0014-01 (Exhaust pipe without a directly attached heat shield) | 2016-05-27    | 2        | 2016-06-24                | DA 42, DA 42 M S/N 42.004 through 42.427, 42.AC001 through 42.AC151, 42.M001 through 42.M027 Only airplanes with a TAE 125-02-99 or TAE 125-02-114 engine are affected                                                                                                                   | X<br><b>WITHDRAWN<br/>2017-12-20</b> |
| OSB42-123   | Installation of an improved yaw damper system for the Garmin GFC 700 autopilot system                                                                    | 2016-06-27    | -        |                           | DA 42, DA 42 M S/N 42.004 through 42.427 42.AC001 through 42.AC151 42.M001 through 42.M026 Only airplanes with GFC 700 are affected                                                                                                                                                      | X                                    |
| OSB42-124   | Retrofit installation of single piece heater valve bowden cable and alternate air valve bowden cable                                                     | 2017-02-02    | -        |                           | DA 42, DA 42 M S/N 42.004 and subsequent, 42.AC001 and subsequent, 42.M001 and subsequent                                                                                                                                                                                                | X                                    |

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| Doc. No.    | Description                                                                                                                                                                                                                                                                                                      | Initial Issue | Revision     | Ser.Nos. affected (SB/SI)                                                                                                                                                                                                                                           | Remarks                                                           | PDF available |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------|
| RSB42-125   | Replacement of steel pin of door handle mechanism of canopy and passenger door with an improved design                                                                                                                                                                                                           | 2017-06-14    | -            | DA 42, DA 42 M<br>S/N 42.055, 42.058, 42.065 through 42.106, 42.108, 42.114 through 42.176, 42.178 through 42.427, 42.AC001 through 42.AC151, 42.M001 through 42.M026                                                                                               |                                                                   | X             |
| MSB42-126/1 | Inspection of flap bell crank for cracks                                                                                                                                                                                                                                                                         | 2017-03-27    | 1 2019-11-14 | DA 42, DA 42 M<br>S/N 42.004 through 42.427, 42.AC001 through 42.AC151, 42.M001 through 42.M026                                                                                                                                                                     | EASA-AD: 2020-0008, SI 42-233                                     | X             |
| OSB42-127/1 | Installation of new Landing Gear Hydraulic Pump Pressure Switch Plug                                                                                                                                                                                                                                             | 2017-04-07    | 1 2018-07-10 | DA 42, DA 42 M<br>S/N 42.004 through 42.427, 42.AC001 through 42.AC151, 42.M001 through 42.M026                                                                                                                                                                     |                                                                   | X             |
| OSB42-128   | Retrofit Installation of Tablet Mount on the Canopy Frame                                                                                                                                                                                                                                                        | 2017-12-05    | -            | DA 42 NG, DA 42 M-NG<br>S/N 42.004 and subsequent, 42.AC001 and subsequent, 42.M001 and subsequent                                                                                                                                                                  |                                                                   | X             |
| MSB42-129   | Inspection of exhaust pipe                                                                                                                                                                                                                                                                                       | 2017-05-17    | -            | DA 42, DA 42 M S/N 42.004 through 42.427, 42.AC001 through 42.AC151, 42.M001 through 42.M027<br>Only airplanes with a TAE 125-02-99 or TAE 125-02-114 engine with exhaust pipe DAI P/N D60-9078-06-01_01 / Technify P/N 52-7810-H0014 01 installed are affected.    | EASA-AD: 2017-0090 & 2017-0120<br>FAA-AD: 2017-11-08<br>SI 42-217 | X             |
| OSB42-130   | Modification of the induction system and the charged air system                                                                                                                                                                                                                                                  | 2017-07-19    | -            | DA 42, DA 42 M<br>S/N 42.004 through 42.427, 42.AC001 through 42.AC151, 42.M001 through 42.M026                                                                                                                                                                     |                                                                   | X             |
| OSB42-131/1 | Re-installation of exhaust pipes with directly attached heat shield as a replacement for exhaust pipes without directly attached heat shield.<br>Re-qualification of this exhaust pipes with directly attached heat shield previously removed.<br>Repair of heat shield and heat shield attachment to base pipe. | 2017-12-20    | 1 2018-10-30 | DA 42, DA 42 M<br>S/N 42.004 through 42.427, 42.AC001 through 42.AC151, 42.M001 through 42.M027<br>Only airplanes with a TAE 125-02-99 or TAE 125-02-114 engine with exhaust pipe DAI P/N D60-9078-06-01_01 / Technify P/N 52-7810-H0014 01 installed are affected. |                                                                   | X             |
| RSB42-132   | Installation of NLG Towing Placard                                                                                                                                                                                                                                                                               | 2018-02-14    | -            | DA 42 S/N 42.004 through 42.427, 42.AC001 through 42.AC151, 42.M001 through 42.M026                                                                                                                                                                                 |                                                                   | X             |
| MSB42-133   | Inspection of upper rudder bearing installation                                                                                                                                                                                                                                                                  | 2018-02-07    | -            | DA 42, DA 42 M S/N 42.004 through 42.427, 42.AC001 through 42.AC151, 42.M001 through 42.M027                                                                                                                                                                        |                                                                   | X             |
| OSB42-134/1 | Installation of Sun visors                                                                                                                                                                                                                                                                                       | 2017-12-18    | 1 2018-01-26 | DA 42 S/N 42.004 and subsequent, 42.AC001 and subsequent                                                                                                                                                                                                            |                                                                   | X             |
| OSB42-135/1 | Installation of the New Map Lights and Map Light Sealing                                                                                                                                                                                                                                                         | 2018-07-16    | 1 2019-10-18 | DA 42, DA 42 M<br>S/N 42.N001 through 42.N067, 42.N100 through 42.N250, 42.N300 through 42.N323, 42.NC001 through 42.NC008, 42.MN001 through 42.MN042, 42.MN050 through 42.MN055, 42.NW001 through 42.NW029, 42.MNW001 through 42.MNW004                            |                                                                   | X             |
| MSB42-136/1 | Inspection of NLG actuator attachment lever                                                                                                                                                                                                                                                                      |               | 1 2019-01-24 | DA 42, DA 42 M all S/N                                                                                                                                                                                                                                              |                                                                   | X             |

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| Doc. No.    | Description                                                                              | Initial Issue | Revision     | Ser.Nos. affected (SB/SI)                                                                                                                                                                                                                                             | Remarks            | PDF available                            |
|-------------|------------------------------------------------------------------------------------------|---------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------|
| MSB42-137/1 | Inspection of rudder T-yoke axle nut for looseness                                       | 2019-10-21    | 1 2019-12-11 | DA 42, DA 42 M<br>S/N 42.004 through 42.391, 42.394 through 42.396, 42.399 through 42.402, 42.405 through 42.416, 42.427, 42.AC001 through 42.AC135, 42.AC137 through 42.AC145, 42.AC148, 42.AC150, 42.AC151, 42.AC152, 42.M001 through 42.M026                       | EASA-AD: 2019-0302 | X<br><b>REVOKED</b><br><b>2023-02-17</b> |
| MSB42-138   | Replacement of Fuel Tank Connection Hoses                                                | 2019-07-01    | -            | DA 42, DA 42 M<br>1. Serial numbers of airplanes equipped with affected parts during production: 42.N303 through 42.N314, 42.N319, 42.N320<br>2. All airplanes that are equipped with fuel tank connection hoses from service center purchases listed in section I.11 |                    | X                                        |
| RSB42-139   | Replacement of rudder T-yoke axle with improved design inkl. WI Rev. 2                   | 2019-10-21    | -            | DA 42, DA 42 M<br>S/N 42.004 through 42.391, 42.394 through 42.396, 42.399 through 42.402, 42.405 through 42.416, 42.427, 42.AC001 through 42.AC135, 42.AC137 through 42.AC145, 42.AC148, 42.AC150, 42.AC151, 42.AC152, 42.M001 through 42.M026                       |                    | X                                        |
| MSB42-140/1 | Replacement of MLG axle                                                                  | 2020-05-22    | 1 2020-06-05 | DA 42, DA 42 M<br>42.004 through 42.391, 42.394 through 42.396, 42.399 through 42.402, 42.405 through 42.416, 42.427, 42.AC001 through 42.AC135, 42.AC137 through 42.AC145, 42.AC148, 42.AC150, 42.AC151, 42.AC152, 42.M001 through 42.M026                           |                    | X                                        |
| OSB42-141   | Installation of a Fuel Probe with a sealed connector                                     | 2022-02-11    | -            | All DA 42 and DA 42 M airplanes<br>S/N 42.005 through 42.427, 42.AC001 through 42.AC151, 42.M001 through 42.M026                                                                                                                                                      |                    | X                                        |
| OSB42-142   | Installation of a cowl baffle for cold weather operation                                 | 2021-11-22    | -            | DA 42, DA 42 M<br>S/N 42.004 and subsequent, 42.AC001 and subsequent, 42.M001 and subsequent<br>For airplanes with TAE 125-02-99 or TAE 125-02-114 engines only                                                                                                       |                    | X                                        |
| MSB42-143/1 | Inspection of hole position and condition in the rudder steering bracket inkl. WI Rev. 3 | 2021-12-23    | 1 2022-01-25 | All DA 42 and DA 42 M airplanes<br>S/N 42.004 through 42.427, 42.AC001 through 42.AC152, 42.M001 through 42.M026                                                                                                                                                      |                    | X                                        |
| OSB42-144   | Modification of the breather line installation inkl. WI Rev. 2                           | 2022-02-03    | -            | All DA 42 and DA 42 M airplanes airplanes with TAE 125-02-99 installed                                                                                                                                                                                                |                    | X                                        |
| OSB42-145   | Installation of SBAS Equipment and activation of SBAS                                    | 2022-06-01    | -            | DA 42, DA 42 M<br>S/N 42.004 and subsequent, 42.AC001 and subsequent, 42.M001 and subsequent                                                                                                                                                                          |                    | X                                        |

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|-------------|----------------------------------------------------------------------------------------------------------------------------|---------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------|
| MSB42-146   | Mandatory replacement of rudder T-yoke bolt with improved design                                                           | 2022-11-15    | -        | DA 42, DA 42 M<br>S/N 42.004 through 42.391, 42.394 through 42.396, 42.399 through 42.402, 42.405 through 42.416, 42.427, 42.AC001 through 42.AC135, 42.AC137 through 42.AC145, 42.AC148, 42.AC150, 42.AC151, 42.AC152, 42.M001 through 42.M026, 42.N001 through 42.N067 |                                                                                                 | X             |
| SB42-147    | not issued yet                                                                                                             |               |          |                                                                                                                                                                                                                                                                          |                                                                                                 | -             |
| MSB42-148/1 | Replacement of the main landing gear (MLG) and nose landing gear (NLG) retaining rings                                     | 2025-02-11    | 1        | 2025-05-07                                                                                                                                                                                                                                                               | DA 42, DA 42 M S/N<br>42.004 through 42.427, 42.AC001 through 42.AC151, 42.M001 through 42.M026 | <b>NEW</b> X  |
| MSB42-149   | Actions to prevent Passenger Door Separation: Installation of Placards, AFM Procedure update and Inspection/Data Gathering | 2024-12-02    | -        | DA 42, DA 42 M S/N<br>42.004 and subsequent, 42.W001 and subsequent, SI 42-253<br>42.AC001 and subsequent, 42.M001 and subsequent, 42.MW001 and subsequent                                                                                                               | EASA-AD: 2024-0235                                                                              | X             |

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|---------------------------------|----------------------------------------------------------------------------------------------------------------|---------------|----------|---------------------------|-------------------------------------------------------------------|----------------------------------|
| <b>SERVICE INFORMATION LIST</b> |                                                                                                                |               |          |                           |                                                                   |                                  |
| SI42-001/4                      | Descriptions of DAI technical publication systems and handling of documents                                    | 2012-08-31    | 4        | 2024-03-21                | DA 42 and DA 42 M all S/N                                         | X                                |
| SI42-002/5                      | Software for Garmin G1000                                                                                      | 2004-12-02    | 5        | 2005-04-20                | S/N 42.004 and subsequent                                         | superseded by MSB42-008 -        |
| SI42-003/1                      | Software for TAE engine                                                                                        | 2004-12-07    | 1        | 2005-04-06                | S/N 42.004 and subsequent                                         | superseded by MSB42-007 -        |
| SI42-004                        | TAE SB 125-0011, Rev. 1, Exchange of the clutch disk                                                           | 2005-06-10    | -        |                           | all DA 42, but only if the clutch or the engine has been replaced | X                                |
| SI42-005                        | TAE SB 125-0003, Rev. 5, Oil pressure sensor                                                                   | 2005-06-10    | -        |                           | all DA 42                                                         | X                                |
| SI42-006                        | TAE SB 125-0011, Rev. 2, Exchange of the clutch disk                                                           | 2005-06-13    | -        |                           | all DA 42, but only if the clutch or the engine has been replaced | X                                |
| SI42-007                        | TAE SB 125-0011, Rev. 3, Exchange of the clutch disk                                                           | 2005-06-14    | -        |                           | all DA 42, but only if the clutch or the engine has been replaced | X                                |
| SI42-008                        | TAE SB 125-0003, Rev. 6, Oil pressure sensor                                                                   | 2005-06-17    | -        |                           | all DA 42                                                         | X                                |
| SI42-009                        | New TAE Operation & Maintenance Manual OM-02-01 Version 3/0                                                    | 2005-07-07    | -        |                           | all DA 42                                                         | X                                |
| SI42-010                        | Garmin Service Alert - Direct-To waypoint selection                                                            | 2005-08-01    | -        |                           | all DA 42 with G1000 GDU with S/W versions through 5.00 installed | X                                |
| SI42-011                        | Garmin SB 0522 Rev. B - G1000 Covers on GIA 63 units                                                           | 2005-08-24    | -        |                           | all DA 42                                                         | X                                |
| SI42-012                        | TAE SB 125-0007, Coolant exchange interval not applicable                                                      | 2005-09-12    | -        |                           | all DA 42                                                         | X                                |
| SI42-013                        | not issued yet                                                                                                 |               |          |                           |                                                                   | -                                |
| SI42-014                        | New 2005 IGRF Magnetic Field Model for G1000, Garmin MSB 0533                                                  | 2005-11-30    | -        |                           | all DA 42                                                         | X                                |
| SI42-015                        | Exchange of safety walk                                                                                        | 2005-11-08    | -        |                           | S/N 42.004 and subsequent                                         | ACG-AD: A-2005-003 MSB42-006/1 X |
| SI42-016                        | Garmin G1000 System Software Version Update                                                                    | 2005-11-17    | -        |                           | all DA 42                                                         | X                                |
| SI42-017                        | not issued yet                                                                                                 |               |          |                           |                                                                   | -                                |
| SI42-018                        | Garmin G1000 System Software Version Update                                                                    | 2005-12-22    | -        |                           | all DA 42                                                         | X                                |
| SI42-019                        | not issued yet                                                                                                 |               |          |                           |                                                                   | -                                |
| SI42-020                        | EASA AD 2006-0044 - TAE                                                                                        | 2006-02-27    | -        |                           | all DA 42                                                         | EASA-AD: 2006-0044 X             |
| SI42-021                        | Clarification of use of AFM-TR-MÄM-42-103 resp. AFM-TR-MÄM-42-111/a (One Engine Inoperative Climb Performance) | 2006-03-17    | -        |                           | all DA 42                                                         | ACG-AD: A-2005-003 MSB42-006/1 X |
| SI42-022                        | not issued yet                                                                                                 |               |          |                           |                                                                   | -                                |
| SI42-023                        | Garmin SA: GDC 74A Pitot Static Test                                                                           | 2006-05-04    | -        |                           | all DA 42                                                         | X                                |
| SI42-024                        | Various TAE publications                                                                                       | 2006-05-04    | -        |                           | all DA 42                                                         | X                                |
| SI42-025                        | Garmin G1000 System Software Version Update                                                                    | 2006-05-10    | -        |                           | all DA 42                                                         | X                                |
| SI42-026                        | Various TAE publications                                                                                       | 2006-05-11    | -        |                           | all DA 42                                                         | X                                |
| SI42-027                        | not issued yet                                                                                                 |               |          |                           |                                                                   | -                                |
| SI42-028                        | Thielert TM TAE 125-0015 Rev. 1                                                                                | 2006-05-19    | -        |                           | all DA 42                                                         | X                                |
| SI42-029                        | Thielert TM TAE 125-0015 Rev. 2                                                                                | 2006-05-31    | -        |                           | all DA 42                                                         | X                                |
| SI42-030                        | not issued yet                                                                                                 |               |          |                           |                                                                   | -                                |
| SI42-031                        | EASA AD: Engine - Propeller System Check Valve Bracket Installation                                            | 2006-09-06    | -        |                           | 42.004 through 42.129, 42.177 42.AC001                            | EASA-AD: 2006-0277 MSB42-024/3 X |
| SI42-032                        | Thielert TM TAE 125-0016 Rev 0; Adaptor Catch Tank                                                             | 2006-10-05    | -        |                           | all DA 42                                                         | X                                |
| SI42-033                        | Various TAE Publications                                                                                       | 2006-12-07    | -        |                           | all DA 42                                                         | X                                |
| SI42-034                        | Garmin SA 0701, Multiple Initial Approach Fixes in the Transition List                                         | 2007-01-22    | -        |                           | all DA 42                                                         | X                                |
| SI42-035                        | Electronic Checklist                                                                                           | 2007-01-29    | -        |                           | all DA 42                                                         | X                                |

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|----------|--------------------------------------------------------------------------------------------|---------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------|
| SI42-036 | EASA-AD: Auxiliary Fuel Tank Venting - Inspection / Modification                           | 2007-02-26    |          | S/N 42.015, 42.028, 42.036, 42.044, 42.055, 42.059, 42.062, 42.067, 42.069, 42.075 up to 42.100 inclusive, 42.105, 42.106, 42.108, 42.114, 42.115, 42.117 up to 42.122 inclusive and 42.124                                                                                                          | EASA-AD: 2007-0047<br>MSB42-032/1             | X             |
| SI42-037 | Garmin Service Alert 070227-00                                                             | 2007-03-02    | -        | all DA 42                                                                                                                                                                                                                                                                                            |                                               | X             |
| SI42-038 | MSB42-039 Retrofit Breather Line                                                           | 2007-04-17    | -        | DA 42 acc. to MSB42-039                                                                                                                                                                                                                                                                              | see also MSB42-039                            | X             |
| SI42-039 | Various TAE Publications                                                                   | 2007-07-06    | -        | all DA 42                                                                                                                                                                                                                                                                                            |                                               | X             |
| SI42-040 | Starting Engine With External Power                                                        | 2007-03-09    | -        | all DA 42                                                                                                                                                                                                                                                                                            | see also MSB42-042                            | X             |
| SI42-041 | Garmin SB Nr. 0710 Rev. A, GTX 33/33D units - Mod Level Change                             | 2007-05-29    | -        | all DA 42 aircraft equipped with Garmin GTX 33/33D units                                                                                                                                                                                                                                             |                                               | X             |
| SI42-042 | Thielert SB-TM-TAE 125-1001 Priority 1, Exchanging the Chain Tensioner                     | 2007-06-15    | -        | all DA 42                                                                                                                                                                                                                                                                                            |                                               | X             |
| SI42-043 | Thielert TM TAE 125-0016 Rev 1; Adaptor Catch Tank                                         | 2007-06-18    | -        | all DA 42 with TAE125-01 engine installed                                                                                                                                                                                                                                                            |                                               | X             |
| SI42-044 | EASA-AD: ECU Backup Batteries Installation (TAE125-01 and TAE125-02-99 engines)            | 2007-07-04    | -        | all DA 42                                                                                                                                                                                                                                                                                            | EASA-AD: 2007-0182                            | X             |
| SI42-045 | EASA-AD: ECU Backup Batteries Installation (DA42)                                          | 2007-07-04    | -        | S/N 42.004 through 42.269 and 42.AC001 through 42.AC109                                                                                                                                                                                                                                              | EASA-AD: 2007-0183<br>MSB42-042               | X             |
| SI42-046 | Garmin Service Advisory 070816-00, GRS 77                                                  | 2007-08-17    | -        | all DA 42                                                                                                                                                                                                                                                                                            |                                               | X             |
| SI42-047 | EASA-AD Rev.: ECU Backup Batteries Installation (DA42)                                     | 2007-08-30    | -        | S/N 42.004, 42.006, 42.009 through 42.156, 42.158 through 42.176, 42.178 through 42.190, 42.192 through 42.233, 42.235 through 42.246, 42.248 through 42.254, 42.256 through 42.261, 42.263 through 42.269 and 42.AC001 through 42.AC109 equipped with Thielert TAE 125-01 and TAE 125-02-99 engines | EASA-AD: 2007-0183 R1<br>MSB42-042/1          | X             |
| SI42-048 | Garmin Service Bulletin No. 0735, GRS 77                                                   | 2007-09-10    | -        | all DA 42 aircraft equipped with Garmin GRS 77 AHRS units                                                                                                                                                                                                                                            |                                               | X             |
| SI42-049 | Garmin Service Bulletin No. 0736, G1000 System ID Tool                                     | 2007-09-13    | -        | all DA 42                                                                                                                                                                                                                                                                                            |                                               | X             |
| SI42-050 | Thielert SB-TM-TAE 125-1003 Priority 1, Exchanging the Mounting Brackets of the Injectors  | 2007-09-17    | -        | all DA 42 with TAE125-02 or TAE125-02-99 engine installed                                                                                                                                                                                                                                            |                                               | X             |
| SI42-051 | Thielert SB-TM-TAE 125-1004 Priority 1, Removing the Small O-Ring of the Oil Filter Module | 2007-09-17    | -        | all DA 42 with TAE125-02 or TAE125-02-99 engine installed                                                                                                                                                                                                                                            |                                               | X             |
| SI42-052 | EASA-AD: Catch Tank (Sump) Filter Adaptor Installation                                     | 2007-09-26    | -        | all DA 42 equipped with TAE 125-01 engine, up to and including engine S/N 02-01-1018                                                                                                                                                                                                                 | EASA-AD: 2007-0232                            | X             |
| SI42-053 | EASA Service Information Notice; Use of Non-Approved Gearbox Oil in TAE 125 Series Engines | 2007-10-11    | -        | all DA 42 aircraft                                                                                                                                                                                                                                                                                   | EASA-SIN: 2007-34                             | X             |
| SI42-054 | Transponder Airborne Status                                                                | 2007-10-25    | -        | all DA 42 aircraft                                                                                                                                                                                                                                                                                   |                                               | X             |
| SI42-055 | EASA-AD Rev.: Engine Control Unit Back-up Batteries Installation                           | 2007-11-07    | -        | S/N 42.004, 42.006, 42.009 through 42.156, 42.158 through 42.176, 42.178 through 42.190, 42.192 through 42.233, 42.235 through 42.246, 42.248 through 42.254, 42.256 through 42.261, 42.263 through 42.269 and 42.AC001 through 42.AC109 equipped with Thielert TAE 125-01 and TAE 125-02-99 engines | EASA-AD: 2007-0183 R2<br>(corr. 07 Nov. 2007) | X             |
| SI42-056 | not issued yet                                                                             |               |          |                                                                                                                                                                                                                                                                                                      |                                               | -             |

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| Doc. No.   | Description                                                                                                               | Initial Issue | Revision | Ser.Nos. affected (SB/SI)                                                                                                    | Remarks                                                                                    | PDF available              |
|------------|---------------------------------------------------------------------------------------------------------------------------|---------------|----------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------|
| SI42-057   | Miscellaneous TAE Publications                                                                                            | 2007-12-18    | -        | all DA 42 equipped with TAE125-01 and TAE125-02-99 engines                                                                   |                                                                                            | X                          |
| SI42-058   | Thielert SB-TM-TAE 125-0017; Piston Cooling Nozzle Inspection, Rev. 0                                                     | 2007-12-17    | -        | all DA 42 equipped with TAE125-01 engine                                                                                     |                                                                                            | X                          |
| SI42-059   | Thielert SB-TM-TAE 125-0017; Piston Cooling Nozzle Inspection, Rev. 1                                                     | 2008-01-07    | -        | all DA 42 equipped with TAE125-01 engine                                                                                     |                                                                                            | X                          |
| SI42-060   | EASA-AD, Piston Cooling Nozzles - Inspection                                                                              | 2008-01-22    | -        | all DA 42 equipped with TAE125-01 engine                                                                                     | EASA-AD: 2008-0016 (corr. 22 Jan. 2008)                                                    | X                          |
| SI42-061   | Thielert SB-TM-TAE 125-1003 Priority 1; Exchanging the Mounting Brackets of the Injectors                                 | 2008-01-24    | -        | all DA 42 equipped with TAE125-02-99 engine installed                                                                        |                                                                                            | X                          |
| SI42-062   | Garmin Service Alert No. 0801, Supplemental Data Cards                                                                    | 2008-02-11    | -        | all DA 42 aircraft                                                                                                           |                                                                                            | X                          |
| SI42-063/1 | EASA Emergency AD: Thielert SB-TM-TAE 125-1005 Priority 1 Rev.1; Installation of Bracket High-Pressure Fuel Line          | 2008-02-13    | 1        | 2008-02-13                                                                                                                   | all DA 42 with TAE125-02-99 engine installed, engine S/N according to EASA EAD 2008-0027-E | EASA-EAD: 2008-0027-E<br>X |
| SI42-064   | Thielert SB-TM-TAE 125-0017; Piston Cooling Nozzle Inspection, Rev. 2                                                     | 2008-02-25    | -        | all DA 42 equipped with TAE125-01 engine                                                                                     |                                                                                            | X                          |
| SI42-065   | EASA-AD-Rev.: Piston Cooling Nozzles - Inspection                                                                         | 2008-02-25    | -        | all DA 42 equipped with TAE125-01 engine                                                                                     | EASA-AD: 2008-0016 R1                                                                      | X                          |
| SI42-066   | Thielert SB-TM-TAE 125-1005 Priority 1 Rev.2; Installation of Bracket High-Pressure Fuel Line                             | 2008-03-06    | -        | all DA 42 with TAE125-02-99 engine installed                                                                                 |                                                                                            | X                          |
| SI42-067   | EASA Emergency AD: Thielert SB-TM-TAE 125-1005 Priority 1 Rev.2; Installation of Bracket High-Pressure Fuel Line          | 2008-03-07    | -        | all DA 42 airplanes with TAE125-02-99 engine installed and engine S/N as stated in EASA EAD 2008-0056-E                      | EASA-EAD: 2008-0056-E                                                                      | X                          |
| SI42-068   | Garmin Service Advisory 0806 Rev. A, G1000 Transponder Flight Identification Operation                                    | 2008-03-18    | -        | all DA 42 aircraft                                                                                                           |                                                                                            | X                          |
| SI42-069   | EASA Emergency AD Rev.: Thielert SB-TM-TAE 125-1005 Priority 1 Rev.2; Installation of Bracket High-Pressure Fuel Line     | 2008-03-19    | -        | all DA 42 airplanes with TAE125-02-99 engine installed and engine S/N as stated in EASA EAD 2008-0056R1-E                    | EASA-EAD: 2008-0056R1-E                                                                    | X                          |
| SI42-070   | Garmin Service Advisory 0806 Rev. B, G1000 Transponder Flight Identification Operation                                    | 2008-03-20    | -        | all DA 42 aircraft                                                                                                           |                                                                                            | X                          |
| SI42-071   | FADEC Test sequence                                                                                                       | 2008-03-28    | -        | all DA 42 aircraft                                                                                                           |                                                                                            | X                          |
| SI42-072   | EASA-AD, Exchange of the Aileron Bellcrank and Bent Rod Ends, MSB42-043/1                                                 | 2008-05-13    | -        | all DA 42 and DA42 M aircraft                                                                                                | EASA-AD: 2008-0086                                                                         | X                          |
| SI42-073   | FAA-AD, Garmin Service Bulletin No. 0713 Rev. D, GSB 85 Inspection Procedure                                              | 2008-05-14    | -        | all DA 42 and DA42 M aircraft equipped with Garmin GFC 700 A/P System (GSM 85 Servo Gearbox)                                 | FAA-AD: 2008-02-06                                                                         | X                          |
| SI42-074   | Thielert SB-TM-TAE 125-1006 Priority 1; Clutch Inspection                                                                 | 2008-05-23    | -        | all DA 42 and DA42 M aircraft equipped with TAE125-02-99 engine                                                              |                                                                                            | X                          |
| SI42-075   | EASA Emergency AD: Thielert SB-TM-TAE 125-1006 Priority 1; Clutch Assembly, Inspection/Replacement                        | 2008-05-26    | -        | all DA 42 and DA42 M aircraft equipped with TAE125-02-99 engine except those with clutch P/N as stated in EASA-EAD installed | EASA-EAD: 2008-0100-E                                                                      | X                          |
| SI42-076/1 | Thielert SB-TM-TAE 125-1006 Priority 1, Rev. 1; Replace Clutch                                                            | 2008-05-30    | 1        | 2008-05-30                                                                                                                   | all DA 42 and DA42 M aircraft equipped with TAE125-02-99 engine                            | X                          |
| SI42-077   | EASA Emergency AD: Thielert SB-TM-TAE 125-1006 Priority 1, Rev. 1; Clutch Assembly, Replacement                           | 2008-05-30    | -        | all DA 42 and DA42 M airplanes equipped with TAE125-02-99 engines, having the clutch assembly P/N 05-7211-K000304 installed  | EASA-EAD: 2008-0106-E                                                                      | X                          |
| SI42-078/1 | Honeywell Service Bulletin KAP 140-22-102, Reduce the possibility of intermittent failures because of top cover on KC 140 | 2008-06-05    | 1        | 2008-10-27                                                                                                                   | all DA 42 and DA42 M airplanes equipped with Honeywell KAP 140 A/P System                  | X                          |
| SI42-079/1 | Honeywell Service Bulletin KC 140-22-102, Replace top cover to make sure connector pins engage correctly                  | 2008-06-18    | 1        | 2008-10-27                                                                                                                   | all DA 42 and DA42 M airplanes equipped with Honeywell KAP 140 A/P System                  | X                          |

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| Doc. No. | Description                                                                                                               | Initial Issue | Revision | Ser.Nos. affected (SB/SI)                                                            | Remarks              | PDF available |
|----------|---------------------------------------------------------------------------------------------------------------------------|---------------|----------|--------------------------------------------------------------------------------------|----------------------|---------------|
| SI42-080 | Thielert SB-TM-TAE 125-0018, Proportional pressure reducing valve                                                         | 2008-06-20    | -        | all DA42 with TAE125-01 engine installed                                             |                      | X             |
| SI42-081 | EASA-AD, Operation & Maintenance Manual OM-02-01 for TAE 125-01 engine                                                    | 2008-07-28    | -        | all DA 42 airplanes equipped with TAE 125-01 engines                                 | EASA-AD: 2008-0128   | X             |
| SI42-082 | Garmin Service Bulletin No. 0823, GDU 104X CRS/BARO Knob Interference                                                     | 2008-07-17    | -        | all DA 42 and DA42 M aircraft                                                        |                      | X             |
| SI42-083 | Garmin Service Alert No. 0824, GDU 104X CRS/BARO Knob Interference                                                        | 2008-07-17    | -        | all DA 42 and DA42 M aircraft                                                        |                      | X             |
| SI42-084 | Thielert SB-TM-TAE 125-1007 Priority 1, Initial Issue, Proportional Pressure Reducing Valve (Propeller Control Valve)     | 2008-07-14    | -        | all DA 42 and DA42 M aircraft equipped with TAE125-02-99 engine                      |                      | X             |
| SI42-085 | EASA-AD, Replacement of the propeller control valve                                                                       | 2008-07-15    | -        | all DA 42 airplanes equipped with TAE125-01 engine                                   | EASA-AD: 2008-0130   | X             |
| SI42-086 | EASA-AD, Lightning strike procedure in the DA 42 and DA 42 M Airplane Flight Manual                                       | 2008-07-25    | -        | all DA 42 and DA42 M airplanes                                                       | EASA-AD: 2008-0136   | X             |
| SI42-087 | Garmin Service Bulletin No. 0823 Rev. B, GDU 104X CRS/BARO Knob Interference                                              | 2008-08-05    | -        | all DA 42 and DA42 M aircraft                                                        |                      | X             |
| SI42-088 | Garmin Service Alert No. 0824 Rev. B, GDU 104X CRS/BARO Knob Interference                                                 | 2008-08-05    | -        | all DA 42 and DA42 M aircraft                                                        |                      | X             |
| SI42-089 | EASA-AD, Repetitive inspection and further on the replacement of the rear engine support bracket mounting bolts           | 2008-07-25    | -        | all DA 42 airplanes equipped with TAE125-01 engine                                   | EASA-AD: 2008-0139   | X             |
| SI42-090 | EASA-AD, Replacement of the propeller control valve                                                                       | 2008-08-26    | -        | all DA 42 and DA42 M aircraft                                                        | EASA-AD: 2008-0145   | X             |
| SI42-091 | EASA-AD, Lightning strike procedure in the DA 42 and DA 42 M Airplane Flight Manual                                       | 2008-10-27    | -        | all DA 42 and DA42 M airplanes                                                       | EASA-AD: 2008-0136R1 | X             |
| SI42-092 | Thielert SB-TM-TAE 125-1008 Priority 1, Replacing the Rail Pressure Control Valve and Modifying th VRail Plug             | 2008-09-25    | -        | all DA 42 and DA42 M aircraft equipped with TAE125-02-99 engine                      |                      | X             |
| SI42-093 | Thielert SB-TM-TAE 125-1008 Priority 1 Rev. 1, Replacing the Rail Pressure Control Valve and Modifying th VRail Plug      | 2008-09-30    | -        | all DA 42 and DA42 M aircraft equipped with TAE125-02-99 engine                      |                      | X             |
| SI42-094 | Garmin Software Service Bulletin No. 0836 Rev. A, G1000 System Software Version Update                                    | 2008-10-17    | -        | all DA 42 and DA42 M aircraft                                                        |                      | X             |
| SI42-095 | Garmin Service Advisory 0806 Rev. C, Transponder Flight Identification Operation                                          | 2008-10-24    | -        | all DA 42 and DA42 M aircraft                                                        |                      | X             |
| SI42-096 | Honeywell-SB KS 270C-22-09, Exchange of the tach generator                                                                | 2008-10-27    | -        | all DA 42 and DA42 M airplanes equipped with Honeywell KAP 140 A/P System            |                      | X             |
| SI42-097 | Honeywell-SB KS 271C-22-10, Exchange of the tach generator                                                                | 2008-10-27    | -        | all DA 42 and DA42 M airplanes equipped with Honeywell KAP 140 A/P System            |                      | X             |
| SI42-098 | Engine failures caused by improper draining of the fuel system during the pre flight inspection                           | 2008-10-30    | -        | all DA 42 and DA42 M aircraft                                                        |                      | X             |
| SI42-099 | Thielert SB-TM-TAE 125-0018 Rev. 1, Proportional pressure reducing valve (Propeller control valve)                        | 2008-11-17    | -        | all DA42 airplane equipped with Thielert TAE125-01 engine                            |                      | X             |
| SI42-100 | Thielert SB-TM-TAE 125-1007 Priority 1 Rev. 1, Proportional pressure reducing valve (Propeller control valve)             | 2008-11-17    | -        | all DA42 airplane and all DA42 M airplane equipped with Thielert TAE125-02-99 engine |                      | X             |
| SI42-101 | Garmin Software Service Bulletin No. 0849 Rev. A, G1000 System Software Version Update                                    | 2009-01-23    | -        | all DA 42 and DA42 M aircraft                                                        |                      | X             |
| SI42-102 | Garmin Service Advisory No. 0908 Rev. A, Garmin Integrated Flight Deck Systems Equipped with the Honeywell Model KN63 DME | 2009-03-16    | -        | all DA 42 and DA42 M aircraft                                                        |                      | X             |
| SI42-103 | Garmin Software Service Bulletin No. 0849 Rev. B, G1000 System Software Version Update                                    | 2009-04-21    | -        | all DA 42 and DA42 M aircraft                                                        |                      | X             |
| SI42-104 | not issued yet                                                                                                            |               |          |                                                                                      |                      | -             |

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| Doc. No. | Description                                                                                                        | Initial Issue | Revision | Ser.Nos. affected (SB/SI)                                                   | Remarks              | PDF available |
|----------|--------------------------------------------------------------------------------------------------------------------|---------------|----------|-----------------------------------------------------------------------------|----------------------|---------------|
| SI42-105 | Garmin Service Advisory No. 0914 Rev. A, Possible temporary loss of heading/attitude information                   | 2009-05-08    | -        | all DA 42 and DA42 M aircraft                                               |                      | X             |
| SI42-106 | Garmin Service Advisory No. 0915 Rev. A, Navigation suspending during non-precision approaches                     | 2009-05-11    | -        | all DA 42 and DA42 M aircraft                                               |                      | X             |
| SI42-107 | Thielert SB-TM-TAE 125-1007 Priority 1 Rev. 2, Proportional pressure reducing valve (Propeller control valve)      | 2009-05-26    | -        | all DA 42 and DA 42 M aircraft equipped with Thielert TAE125-02-99 engine   |                      | X             |
| SI42-108 | Garmin Software Service Bulletin No. 0849 Rev. C, G1000 System Software Version Update                             | 2009-06-26    | -        | all DA 42 and DA 42 M aircraft                                              |                      | X             |
| SI42-109 | Garmin Service Advisory No. 0922 Rev. A, VOR or LOC/ILS Approaches                                                 | 2009-07-08    | -        | all DA 42 and DA 42 M with Garmin GFC 700                                   |                      | X             |
| SI42-110 | EASA-AD, Thielert SB-TM-TAE 125-1009 Priority 1, Propeller Control - Constant Speed Unit - Vibration Isolator      | 2009-07-13    | -        | all DA 42 and DA 42 M aircraft equipped with Thielert TAE125-02-99 engine   | EASA-AD: 2009-0151   | X             |
| SI42-111 | Garmin Service Advisory No. 0929 Rev. A, Momentary failure indications (Red-X) can occur when deleting stored data | 2009-07-13    | -        | all DA42 and DA42 M                                                         |                      | X             |
| SI42-112 | EASA-AD, Replacement of the propeller control valve                                                                | 2009-07-24    | -        | all DA 42 airplanes equipped with Thielert TAE125-01 engines                | EASA-AD: 2009-0145R1 | X             |
| SI42-113 | Thielert SB-TM-TAE 125-1009 Priority 1 Rev. 1, Constant Speed Unit - Vibration Isolator                            | 2009-08-18    | -        | all DA42 and DA42 M aircraft equipped with Thielert TAE125-02-99 engine     |                      | X             |
| SI42-114 | EASA-AD, Replacement of Rail Pressure Control Valve - Modification of VRail Plug                                   | 2009-08-19    | -        | all DA42 and DA42 M airplanes equipped with Thielert TAE125-02-99 engines   | EASA-AD: 2008-0215   | X             |
| SI42-115 | Thielert SB-TM-TAE 125-0020, Constant Speed Unit - Vibration Isolator                                              | 2009-08-24    | -        | all DA42 aircraft equipped with Thielert TAE125-01 engine                   |                      | X             |
| SI42-116 | EASA-AD, Constant Speed Unit - Vibration Isolator                                                                  | 2009-08-28    | -        | all DA42 aircraft equipped with Thielert TAE125-01 engine                   | EASA-AD: 2009-0193   | X             |
| SI42-117 | Thielert SB-TM-TAE 125-1009 Priority 1 Rev. 2, Constant Speed Unit - Vibration Isolator                            | 2009-09-02    | -        | all DA42 and DA42 M aircraft equipped with Thielert TAE125-02-99 engine     |                      | X             |
| SI42-118 | Illustrated Parts Catalogue (IPC) - Change of the available media                                                  | 2009-10-05    | -        | all DA42 and DA42 M aircraft                                                |                      | X             |
| SI42-119 | Thielert SB-TM-TAE 125-1009 Priority 1 Rev. 3, Constant Speed Unit - Vibration Isolator                            | 2009-10-16    | -        | all DA42 and DA42 M aircraft equipped with Thielert TAE125-02-99 engine     |                      | X             |
| SI42-120 | Thielert TM TAE Various Documents                                                                                  | 2010-02-22    | -        | all DA 42 and DA 42 M                                                       |                      | X             |
| SI42-121 | EASA-AD, Constant Speed Unit - Vibration Isolator                                                                  | 2009-11-03    | -        | all DA42 and DA42 M aircraft equipped with Thielert TAE125-02-99 engine     | EASA-AD: 2009-0224   | X             |
| SI42-122 | Garmin Mandatory Service Bulletin No. 0823 Rev. C, GDU 104X CRS/BARO Knob Interference                             | 2009-12-09    | -        | all DA 42 and DA 42 M                                                       |                      | X             |
| SI42-123 | Garmin Service Alert No. 0824 Rev. C, GDU 104X CRS/BARO Knob Interference                                          | 2009-12-09    | -        | all DA 42 and DA 42 M                                                       |                      | X             |
| SI42-124 | Thielert SB-TM-TAE 125-0020 Rev. 1, Constant Speed Unit - Vibration Isolator                                       | 2009-12-01    | -        | all DA42 aircraft equipped with Thielert TAE125-01 engine                   |                      | X             |
| SI42-125 | EASA-AD, Constant Speed Unit - Vibration Isolator                                                                  | 2009-12-11    | -        | all DA42 aircraft equipped with Thielert TAE125-01 engine                   | EASA-AD: 2009-0193R1 | X             |
| SI42-126 | FAA-AD, To prevent engine in-flight shutdown                                                                       | 2009-12-09    | -        | all DA42 aircraft equipped with Thielert TAE125-01 engine                   | FAA-AD: 2009-24-10   | X             |
| SI42-127 | Airplane Maintenance Manual Chapter 12-30: Conservation of Exterior Parts                                          | 2009-12-11    | -        | all DA 42 and DA 42 M aircraft                                              |                      | X             |
| SI42-128 | Thielert SB-TM-TAE 125-0017 Rev. 3, Piston Cooling Nozzles                                                         | 2010-03-08    | -        | all DA42 equipped with TAE125-01 engines                                    |                      | X             |
| SI42-129 | FAA-AD: To prevent engine in-flight shutdown                                                                       | 2010-03-15    | -        | all DA42 equipped with TAE125-01 engines                                    | FAA-AD: 2010-04-06   | X             |
| SI42-130 | Thielert SB-TM-TAE 125-1010 P1 Initial Issue, Replace timing Chain                                                 | 2010-04-12    | -        | all DA42 airplanes equipped with TAE125-02-99 engines and DA 42 M airplanes |                      | X             |
| SI42-131 | not issued yet                                                                                                     |               |          |                                                                             |                      | -             |

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| Doc. No.   | Description                                                                                                               | Initial Issue | Revision     | Ser.Nos. affected (SB/SI)                                                           | Remarks                                           | PDF available |
|------------|---------------------------------------------------------------------------------------------------------------------------|---------------|--------------|-------------------------------------------------------------------------------------|---------------------------------------------------|---------------|
| SI42-132   | FAA-AD: To prevent engine in-flight shutdown                                                                              | 2010-07-06    | -            | all DA42 equipped with TAE engines                                                  | FAA-AD: 2010-06-12                                | X             |
| SI42-133   | Thielert SB-TM-TAE 125-1010 P1 Rev. 2, Replace timing Chain                                                               | 2010-06-08    | -            | all DA42 airplanes equipped with TAE125-02-99 engines and DA 42 M airplanes         |                                                   | X             |
| SI42-134   | Thielert SB-TM-TAE 125-1011-P1 Initial Issue & SB-TM-TAE 125-0021 Initial Issue, Replacement Clutch                       | 2010-06-10    | -            | all DA42 and DA42 M airplanes                                                       |                                                   | X             |
| SI42-135   | EASA-EAD: Thielert SB-TM-TAE 125-1011-P1 Initial Issue & SB-TM-TAE 125-0021 Initial Issue, Replacement Clutch             | 2010-06-10    | -            | all DA42 and DA42 M airplanes                                                       | EASA-EAD: 2010-0111-E                             | X             |
| SI42-136   | EASA-EAD Correction: Thielert SB-TM-TAE 125-1011-P1 & SB-TM-TAE 125-0021 Initial Issue, Replacement Clutch                | 2010-06-14    | -            | all DA42 and DA42 M airplanes                                                       | EASA-EAD: 2010-0111-E<br>[Corrected 11 June 2010] | X             |
| SI42-137   | FAA-AD: To prevent engine in-flight shutdown                                                                              | 2010-06-24    | -            | all DA42 aircraft equipped with TAE engines                                         | FAA-AD: 2010-11-09                                | X             |
| SI42-138   | EASA-AD: Engine - Timing Chain - Replacement                                                                              | 2010-07-06    | -            | all DA42 and DA42 M aircraft equipped with TAE125-02-99 engines                     | EASA-AD: 2010-0136                                | X             |
| SI42-139   | EASA-AD: Engine - FADEC Software - Modification                                                                           | 2010-07-06    | -            | all DA42 and DA42 M aircraft                                                        | EASA-AD: 2010-0137                                | X             |
| SI42-140   | EASA-AD: Main Landing Gear Damper-to-Trailing Arm Joints - Inspection/Replacement                                         | 2010-08-09    | -            | all DA42 and DA42 M aircraft                                                        | EASA-AD: 2010-0155<br>MSB42-088/1                 | X             |
| SI42-141   | Garmin Service Bulletin Nr. 1031 Rev. A, G1000 System Software Version 0370.22 Update                                     | 2010-08-25    | -            | All DA 42 and DA 42 M aircraft with G1000 system software versions prior to 0370.22 |                                                   | X             |
| SI42-142   | Garmin Service Bulletin Nr. 1032 Rev. A, G1000 Synthetic Vision & Pathways Activation                                     | 2010-08-25    | -            | All DA 42 and DA 42 M aircraft with G1000 system software version 0370.22           |                                                   | X             |
| SI42-143   | FAA-AD: To prevent engine in-flight shutdown leading to loss of control of the airplane                                   | 2010-08-26    | -            | All DA 42 airplanes                                                                 | FAA-AD: 2010-18-02                                | X             |
| SI42-144   | EASA-AD: Main Landing Gear Damper-to-Trailing Arm Joints - Inspection/Replacement                                         | 2010-09-14    | -            | all DA42 and DA42 M aircraft                                                        | EASA-AD: 2010-0155R1<br>MSB42-088/1               | X             |
| SI42-145   | Update of TAE Repair Manual RM-02-01 Issue 4 Revision 7                                                                   | 2010-11-08    | -            | All DA 42 airplanes equipped with TAE125-01 engines                                 |                                                   | X             |
| SI42-146   | Thielert SB-TM-TAE 125-1009 P1 Rev. 4, Constant Speed Unit - Vibration Isolator                                           | 2010-11-08    | -            | All DA 42 and DA 42 M aircraft equipped with TAE125-02-99 engine                    |                                                   | X             |
| SI42-147   | Removal and installation of passenger seat                                                                                | 2011-03-30    | -            | All DA 42 and DA 42 M airplanes                                                     |                                                   | X             |
| SI42-148/1 | EASA-AD: Rear passenger door retaining bracket - Replacement                                                              | 2010-11-22    | 1 2014-03-04 | All DA 42 and DA 42 M airplanes                                                     | EASA-AD: 2010-0235R1<br>MSB42-083                 | X             |
| SI42-149   | not issued yet                                                                                                            |               |              |                                                                                     |                                                   | -             |
| SI42-150   | EASA-AD: Main Landing Gear Damper-to-Trailing Arm Joints - Inspection/Replacement                                         | 2011-02-07    | -            | All DA 42, DA 42 M                                                                  | EASA-AD: 2011-0020<br>MSB42-088/2                 | X             |
| SI42-151   | Garmin Service Advisory No. 1051 Rev. A, 2010 IGRF (International Geomagnetic Reference Field) Magnetic Field Model       | 2011-02-10    | -            | All DA 42 and DA 42 M aircraft                                                      |                                                   | X             |
| SI42-152   | FAA-AD: To prevent engine in-flight shutdown leading to loss of control of the airplane                                   | 2011-02-24    | -            | All DA 42 aircraft with TAE125-02-99 engines installed                              | FAA-AD: 2011-05-06                                | X             |
| SI42-153   | FAA-AD: FADEC Software, to prevent engine in-flight shutdown or power loss                                                | 2011-03-10    | -            | All DA 42 and DA 42 M aircraft                                                      | FAA-AD: 2011-07-09                                | X             |
| SI42-154   | EASA-EAD: Thielert SB-TM-TAE 125-1013-P1 Initial Issue, Friction Disc                                                     | 2011-05-13    | -            | All DA 42 and DA 42 M airplanes equipped with TAE125-02-99 engines                  | EASA-EAD: 2011-0087-E                             | X             |
| SI42-155   | FAA-AD: To correct the rear passenger door locking mechanism                                                              | 2011-05-16    | -            | All DA 42 airplanes                                                                 | FAA-AD: 2011-10-13                                | X             |
| SI42-156   | Garmin Service Advisory No. 1118 Rev. A, Momentary failure indications (Red-X) can occur when sorting stored flight plans | 2011-05-17    | -            | All DA 42 and DA 42 M airplanes                                                     |                                                   | X             |
| SI42-157   | Garmin Service Advisory No. 1129 Rev. A, Momentary loss of GRS 77/77H and GDC 74A/74B/74H functions                       | 2011-05-31    | -            | All DA 42 and DA 42 M airplanes                                                     |                                                   | X             |

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| Doc. No. | Description                                                                                                  | Initial Issue | Revision | Ser.Nos. affected (SB/SI)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Remarks                          | PDF available |
|----------|--------------------------------------------------------------------------------------------------------------|---------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|
| SI42-158 | EASA-AD: Wings - Upper Centre Wing Skin-to-Spar Adhesive Joint - Inspection / Repair                         | 2011-05-31    | -        | DA 42 and DA 42 NG (modified by Dimond Aircraft Industries from DA 42 through DAI OSB 42-068) airplanes, S/N 42.006 through 42.007, 42.010, 42.012 through 42.014, 42.016 through 42.033, 42.035 through 42.043, 42.045, 42.046, 42.048 through 42.051, 42.053, 42.055 through 42.059, 42.061 through 42.081, 42.083 through 42.093, 42.096 through 42.097, 42.099 through 42.120, 42.122 through 42.125, 42.127 through 42.148, 42.150 through 42.156, 42.158 through 42.170, 42.172 through 42.176, 42.178, 42.179, 42.181 through 42.190, 42.192 through 42.200, 42.202 through 42.224, 42.AC001 through 42.AC028, 42.AC030 through 42.AC052, and DA 42 M airplanes (both Normal and Restricted Category, modified from DA 42 through DAI OSB 42-056) and DA 42 M-NG airplanes (both Normal and Restricted Category, modified by Diamond Aircraft Industries from DA 42 M through DAI OSB 42-081), S/N 42.008, 42.157 and 42.191 | EASA-AD: 2011-0100 MSB42-092     | X             |
| SI42-159 | FAA-AD: To prevent failure of the joint and subsequent damage or malfunction of the MLG                      | 2011-06-17    | -        | All DA 42 and DA 42 M airplanes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FAA-AD: 2011-11-07 MSB42-088/2   | X             |
| SI42-160 | EASA-AD: Engine - Clutch Assembly - Identification / Replacement                                             | 2011-08-19    | -        | All DA 42 and DA 42 M airplanes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EASA-AD: 2011-0152-E             | X             |
| SI42-161 | Thielert SB-TM-TAE 000-0004 Rev. 124, TAE-Manuals in effect                                                  | 2011-09-21    | -        | All DA 42 and DA 42 M aircraft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                  | X             |
| SI42-162 | FAA-AD: Engine - Clutch Assembly - Identification / Replacement                                              | 2011-11-14    | -        | All DA 42 and DA 42 M airplanes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FAA-AD: 2011-23-01               | X             |
| SI42-163 | Thielert SB-TM-TAE 000-0004 Rev. 126, TAE-Manuals in effect                                                  | 2011-11-18    | -        | All DA 42 and DA 42 M aircraft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                  | X             |
| SI42-164 | FAA-AD: Replacement of the existing rail pressure control valve with an improved rail pressure control valve | 2012-01-09    | -        | All DA 42 equipped with TAE engines                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | FAA-AD: 2010-06-12R1             | X             |
| SI42-165 | FAA-AD: Inspection and replacement of the friction disc                                                      | 2012-01-31    | -        | All DA 42 equipped with TAE 125-02-99 engines                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FAA-AD: 2012-02-05               | X             |
| SI42-166 | Thielert SB-TM-TAE 125-1014 P1 Initial Issue, Connecting Pin Waste Gate Lever                                | 2012-02-27    | -        | All DA 42 and DA 42 M aircraft equipped with TAE 125-02-99 engines                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                  | X             |
| SI42-167 | EASA-AD: Main Landing Gear Damper-to-Trailing Arm Joints - Inspection/Replacement                            | 2012-03-01    | -        | All DA 42 and DA 42 M airplanes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EASA-AD: 2011-0020R2 MSB42-088/2 | X             |
| SI42-168 | FAA-AD: Exchange of the proportional pressure reducing valves also known as propeller control valves         | 2012-03-08    | -        | All DA 42 aircraft equipped with TAE engines                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | FAA-AD: 2010-11-09R1             | X             |
| SI42-169 | Thielert SB-TM-TAE 125-1015 P1 Initial Issue, Gearbox Oil Filling Plug                                       | 2012-05-02    | -        | All DA 42 and DA 42 M aircraft equipped with TAE 125-02-99 engines                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                  | X             |
| SI42-170 | Garmin Service Bulletin No. 1210 Rev. A, SafeTaxi® Availability In Europe                                    | 2012-05-22    | -        | All DA 42 and DA 42 M airplanes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                  | X             |
| SI42-171 | EASA-AD: One-Time Inspection of the Gearbox Oil Filling Plug at certain gearbox serial numbers               | 2012-06-26    | -        | All DA 42 and DA 42 M aircraft equipped with TAE 125-02-99 engines                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EASA-AD: 2012-0112               | X             |
| SI42-172 | EASA-AD: FADEC Software Modification                                                                         | 2012-07-09    | -        | All DA 42 and DA 42 M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | EASA-AD: 2012-0116               | X             |
| SI42-173 | Thielert SB-TM-TAE 125-0022 Initial Issue, sealing of an assembly opening in the crankcase                   | 2012-08-21    | -        | All DA 42 and DA 42 M aircraft equipped with TAE 125-01 engines                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                  | X             |

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|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------|---|
| SI42-174   | EASA-AD: Modification of the main landing gear damper                                                                                                 | 2012-09-12    | -        | All DA 42 and DA 42 M airplanes                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EASA-AD: 2012-0174<br>MSB 42-095 | X                    |   |
| SI42-175   | FAA-AD: Inspection and if necessary the repair of the upper centre wing skin-to-spar adhesive joint                                                   | 2012-09-12    | -        | DA 42 S/N 42.006 through 42.008, 42.010, 42.012 through 42.014, 42.016 through 42.033, 42.035 through 42.043, 42.045, 42.046, 42.048 through 42.051, 42.053, 42.055 through 42.059, 42.061 through 42.081, 42.083 through 42.093, 42.096 through 42.097, 42.099 through 42.120, 42.122 through 42.125, 42.127 through 42.148, 42.150 through 42.170, 42.172 through 42.176, 42.178, 42.179, 42.181 through 42.200, 42.202 through 42.224, 42.AC001 through 42.AC028, 42.AC030 through 42.AC052 | FAA-AD: 2012-17-07<br>MSB 42-092 | X                    |   |
| SI42-176   | Garmin Service Alert No. 1228, SIDs and STARs non-JETs Limitation                                                                                     | 2012-11-06    | -        | All DA 42 and DA 42 M airplanes                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                  | X                    |   |
| SI42-177   | FAA-AD: One-Time Inspection of the Gearbox Oil Filling Plug vent hole                                                                                 | 2013-01-11    | -        | All DA 42 aircraft equipped with TAE 125-02-99 engines                                                                                                                                                                                                                                                                                                                                                                                                                                         | FAA-AD: 2012-26-12               | X                    |   |
| SI42-178   | FAA-AD: Full Authority Digital Engine Control Software Modification                                                                                   | 2013-01-11    | -        | All DA 42 airplanes                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | FAA-AD: 2012-26-13               | X                    |   |
| SI42-179   | Identification of stainless steel control cables                                                                                                      | 2013-02-08    | -        | All DA 42, DA 42 M airplanes                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                  | X                    |   |
| SI42-180/1 | EASA-AD: Inspection of the markings of the safety belts                                                                                               | 2013-02-14    | 1        | 2014-04-08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | All DA 42, DA 42 M airplanes     | EASA-AD: 2013-0020R3 | X |
| SI42-181   | MT-Propeller Service Bulletin No. 27, Inspection and modification of certain governor type- and serial numbers                                        | 2013-02-28    | -        | All DA 42, DA 42 M airplanes equipped with MT-Propeller governors                                                                                                                                                                                                                                                                                                                                                                                                                              |                                  | X                    |   |
| SI42-182   | Garmin Service Advisory No. 1309, Verification of displayed heading is not noticeable drifting prior Take-Off                                         | 2013-03-04    | -        | All DA 42, DA 42 M airplanes                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                  | X                    |   |
| SI42-183   | Thielert SB-TM-TAE 125-1017 P1 Initial Issue, Replacement of the High Pressure Pump with an improved design for engines operated in certain countries | 2013-04-17    | -        | All DA 42, DA 42 M aircraft equipped with TAE 125-02-99 engines                                                                                                                                                                                                                                                                                                                                                                                                                                |                                  | X                    |   |
| SI42-184   | Garmin Service Advisory No. 1309 Rev. B, Verification of displayed heading is not noticeable drifting prior Take-Off                                  | 2013-04-12    | -        | All DA 42, DA 42 M airplanes                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                  | X                    |   |
| SI42-185   | FAA-AD: Modification of the main landing gear damper                                                                                                  | 2013-04-17    | -        | All DA 42, DA 42 M airplanes                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | FAA-AD: 2013-07-01<br>MSB 42-095 | X                    |   |
| SI42-186   | EASA-AD: Sealing of the crankcase assembly opening located under the coolant tank                                                                     | 2013-05-24    | -        | All DA 42 airplanes equipped with a TAE 125-01 engine                                                                                                                                                                                                                                                                                                                                                                                                                                          | EASA-AD: 2013-0109               | X                    |   |
| SI42-187   | EASA-AD: Inspection to identify certain Nose Landing Gear Actuator P/N                                                                                | 2013-06-05    | -        | All DA 42, DA 42 M airplanes                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | EASA-AD: 2013-0121               | X                    |   |
| SI42-188/1 | Garmin Terrain Data Alert No. 1351 Rev. B, Anomalies when using Synthetic Vision Technology in Northwest Greenland                                    | 2013-09-09    | 1        | 2015-03-03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | All DA 42, DA 42 M airplanes     |                      | X |
| SI42-189   | Garmin Service Advisory No. 1352 Rev. A, Course deviation indicator (CDI) may deflect in the wrong direction in certain situations                    | 2013-09-26    | -        | All DA 42 and DA 42 M airplanes                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                  | X                    |   |
| SI42-190   | FAA-AD: Inspection/modification of the Nose Landing Gear Actuator                                                                                     | 2013-09-27    | -        | All DA 42 airplanes                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | FAA-AD: 2013-19-11               | X                    |   |
| SI42-191   | United Instruments Inc. Service Bulletin No. 12, Paint on dial may crack and separate from the surface                                                | 2013-10-31    | -        | All DA 42 and DA 42 M airplanes                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                  | X                    |   |
| SI42-192   | Main Landing Gear Extension/Retraction Mechanism                                                                                                      | 2013-11-19    | -        | All DA 42 and DA 42 M airplanes                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                  | X                    |   |

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|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------|
| SI42-193 | Garmin Service Advisory No. 1363 Rev. A, User-modified terminal procedure stored in a Flight Plan may cause error condition                                                                                               | 2013-11-21    | -        | All DA 42 and DA 42 M airplanes                                                                                                                                                                                                 |                    | X             |
| SI42-194 | FAA-AD: Requires applying sealant to close the engine clutch housing (crankcase assembly) opening                                                                                                                         | 2013-12-05    | -        | All DA 42 airplanes equipped with TAE 125-01 engine                                                                                                                                                                             | FAA-AD: 2013-24-06 | X             |
| SI42-195 | EASA-AD: Replacement of the high pressure fuel pump with an improved design                                                                                                                                               | 2013-12-05    | -        | All DA 42 and DA 42 M airplanes equipped with TAE 125-02-99 engines                                                                                                                                                             | EASA-AD: 2013-0279 | X             |
| SI42-196 | Garmin Service Advisory No. 1372 Rev. A, Unavailable RNAV (GPS) approaches due to lack of VDA                                                                                                                             | 2013-12-18    | -        | All DA 42 and DA 42 M airplanes                                                                                                                                                                                                 |                    | X             |
| SI42-197 | FAA-AD: Replacement of the high pressure fuel pump with an improved design                                                                                                                                                | 2014-09-05    | -        | All DA 42 and DA 42 M airplanes equipped with TAE 125-02-99 engines                                                                                                                                                             | FAA-AD: 2014-17-03 | X             |
| SI42-198 | EASA-AD: Engine - Clutch Assembly - Identification / Replacement                                                                                                                                                          | 2014-11-06    | -        | All DA 42 and DA 42 M airplanes                                                                                                                                                                                                 | EASA-AD: 2014-0232 | X             |
| SI42-199 | FAA-AD: Replacement of certain P/N and S/N clutch assemblies                                                                                                                                                              | 2015-02-09    | -        | All DA 42 airplanes                                                                                                                                                                                                             | FAA-AD: 2015-02-01 | X             |
| SI42-200 | EASA-AD: Starting – Software Mapping / Start Phase Monitoring System                                                                                                                                                      | 2015-04-01    | -        | DA 42 S/ N 42.004 through 42.427 and 42.AC001 through 42.AC151 with TAE 125-02-99 engines with a Dual Mass Flywheel installed<br>DA 42 M 42.M001 through 42.M027 with TAE 125-02-99 engines with a Dual Mass Flywheel installed | EASA-AD: 2015-0055 | X             |
| SI42-201 | Garmin Service Alert No. 1538 Rev. A, Operations with Altimeter Set to QFE (height above field elevation)                                                                                                                 | 2015-08-12    | -        | All DA 42 and DA 42 M airplanes                                                                                                                                                                                                 |                    | X             |
| SI42-202 | EASA-AD: Reduced inspection interval of certain fuel feed pump part numbers                                                                                                                                               | 2015-09-22    | -        | All DA 42 and DA 42 M airplanes equipped with TAE 125-02-99 or TAE 12-02-114 engines                                                                                                                                            | EASA-AD: 2015-0189 | X             |
| SI42-203 | Technify Motors SB Nr. 125-1019 P1, Replacement of certain Integral Exhaust Manifold part numbers at specific engine serial numbers                                                                                       | 2015-09-24    | -        | All DA 42 and DA 42 M airplanes equipped with TAE 125-02-99 or TAE 12-02-114 engines                                                                                                                                            |                    | X             |
| SI42-204 | FAA-AD: Start phase monitoring system                                                                                                                                                                                     | 2016-01-12    | -        | DA42 S/N 42.004 through 42.427 and 42.AC001 through 42.AC151 with TAE 125-02-99 engines with a Dual Mass Flywheel installed                                                                                                     | FAA-AD: 2015-21-01 | X             |
| SI42-205 | Technify Motors SB No. TMG 125-1020 P1, Replacement of the clutch by a dual mass flywheel, inspection and, if necessary the replacement, of the gearbox for oil leakage and moisture                                      | 2016-02-01    | -        | All DA 42 and DA 42 M airplanes equipped with TAE 125-02-99 or TAE 12-02-114 engines                                                                                                                                            |                    | X             |
| SI42-206 | FAA-AD: Replacement of certain fuel feed pump part numbers at TAE 125-02 engines                                                                                                                                          | 2016-04-07    | -        | All DA 42 airplanes with TAE 125-02 engines                                                                                                                                                                                     | FAA-AD: 2016-07-19 | X             |
| SI42-207 | 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    | -        | All DA 42 and DA 42 M airplanes                                                                                                                                                                                                 |                    | X             |
| SI42-208 | Garmin Service Advisory No. 1372 Rev. B, unavailable RNAV (GPS) approaches                                                                                                                                                | 2016-06-24    | -        | All DA 42 and DA 42 M airplanes                                                                                                                                                                                                 |                    | X             |
| SI42-209 | Garmin Service Advisory No. 1612 Rev. A, Update of the IGRF (International Geomagnetic Reference Field) Magnetic Field Model from base year 2010 to 2015                                                                  | 2016-07-15    | -        | All DA 42 and DA 42 M airplanes                                                                                                                                                                                                 |                    | X             |

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|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------|
| SI42-210/1 | EASA-AD: Modification if certain exhaust pipe part numbers are installed                                                                                                                                    | 2016-08-09    | 1 2016-11-25 | DA 42 and DA 42 M S/N 42.004 through 42.427, 42.AC001 through 42.AC151, 42.M001 through 42.M027<br>Only airplanes with a TAE 125-02-99 or TAE 125-02-114 engine which were NOT modified via MSB 42-120 are affected                                                                                                | EASA-AD: 2016-0156R1<br>MSB 42-120            | X             |
| SI42-211   | Technify Motors SB No. TMG 125-1021 P1, Fixing the wastegate lever bushing                                                                                                                                  | 2016-11-04    | -            | All DA 42 and DA 42 M airplanes equipped with TAE 125-02-99 or TAE 12-02-114 engines                                                                                                                                                                                                                               |                                               | X             |
| SI42-212   | Garmin Software SB No. 0533 Rev. C, update of the IGRF (International Geomagnetic Reference Field) Magnetic Field Model                                                                                     | 2016-11-17    | -            | All DA 42 and DA 42 M airplanes                                                                                                                                                                                                                                                                                    |                                               | X             |
| SI42-213   | FAA-AD: Modification if certain exhaust pipe part numbers are installed                                                                                                                                     | 2017-02-01    | -            | DA 42 S/N 42.004 through 42.427, 42.AC001 through 42.AC151<br>Only airplanes with TAE 125-02-99 or TAE 125-02-114 engines are affected                                                                                                                                                                             | FAA-AD: 2017-01-12                            | X             |
| SI42-214/1 | EASA-AD: Inspection and, if necessary, replacement of certain gearbox serial numbers                                                                                                                        | 2017-02-20    | 1 2018-03-05 | All DA 42 and DA 42 M<br>All S/N equipped with TAE 125-02-99 or TAE 12-02-114 engines                                                                                                                                                                                                                              | EASA-AD: 2017-0034R1                          | X             |
| SI42-215   | FAA-AD: Certain altimeters displaying higher than actual altitude due to a slow diaphragm leak which were examined in United Instruments SB No. 13                                                          | 2017-03-17    | -            | All DA 42 airplanes                                                                                                                                                                                                                                                                                                | FAA-AD: 2017-04-06                            | X             |
| SI42-216   | EASA-AD: Inspections and modification of the flap control system, repetitive inspections of the flap bell crank, and, depending on the findings, replacement of the flap bell crank with an improved design | 2017-05-02    | -            | DA 42 S/N 42.004 through 42.427 inclusive, 42.AC001 through 42.AC151 inclusive<br>DA 42 M S/N 42.M001 through 42.M026 inclusive                                                                                                                                                                                    | EASA-AD: 2017-0074,<br>MSB 42-126             | X             |
| SI42-217   | EASA-AD: Additional repetitive inspections of the engine exhaust pipe                                                                                                                                       | 2017-05-23    | -            | DA 42 and DA 42 M aeroplanes<br>S/N 42.004 to 42.427 inclusive, 42.AC001 to 42.AC151 inclusive, 42.M001 to 42.M027 inclusive<br>if equipped with TAE 125-02-99 engines<br>(modification MÄM 42-198 or Optional Service Bulletin (OSB) 42-046) or TAE 125-02-114 engines<br>(modification OÄM 42-252 or OSB 42-107) | EASA-AD: 2017-0090<br>MSB 42-120 & MSB 42-129 | X             |
| SI42-218/1 | FAA-AD: Additional repetitive inspections of the engine exhaust pipe                                                                                                                                        | 2017-06-02    | 1 2017-06-19 | DA 42 aeroplanes S/N 42.004 to 42.427, 42.AC001 to 42.AC151<br>if equipped with either TAE 125-02-99 engines or TAE 125-02-114 engines and either DAI part number (P/N) D60-9078-06-01_01 or Technify P/N 52-7810-H0014 01 engine exhaust pipes installed                                                          | FAA-AD: 2017-11-08<br>MSB 42-120 & MSB 42-129 | X             |
| SI42-219   | EASA-AD: Additional repetitive inspections of the engine exhaust pipe                                                                                                                                       | 2017-07-13    | -            | DA 42 and DA 42 M aeroplanes<br>S/N 42.004 to 42.427 inclusive, 42.AC001 to 42.AC151 inclusive, 42.M001 to 42.M027 inclusive<br>if equipped with TAE 125-02-99 engines<br>(modification MÄM 42-198 or OSB 42-046) or TAE 125-02-114 engines (modification OÄM 42-252 or OSB 42-107)                                | EASA-AD: 2017-0120<br>MSB 42-120 & MSB 42-129 | X             |

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|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------|
| SI42-220 | FAA-AD: Additional repetitive inspections of the engine exhaust pipe                                                                                                                   | 2017-10-20    | -        | DA 42 aeroplanes S/N 42.004 to 42.427 inclusive, 42.AC001 to 42.AC151 inclusive if equipped with TAE 125-02-99 or TAE 125-02-114 engines and DAI part numbers (P/N) D60-7806-00-01 and P/N D60-7806-00-02 engine exhaust clamps                                                                  | FAA-AD: 2017-15-09 MSB 42-120/2 | X             |
| SI42-221 | FAA-AD: Inspections and modification of the flap control system, repetitive inspections of the flap bell crank                                                                         | 2017-10-30    | -        | DA 42, DA 42 M S/N 42.004 through 42.427, 42.AC001 through 42.AC151, 42.M001 through 42.M026,                                                                                                                                                                                                    | FAA-AD: 2017-18-10              | X             |
| SI42-222 | FAA-AD: Replacement of the clutch by a dual mass flywheel, inspection and, if necessary the replacement, of the gearbox for oil leakage and moisture at certain gearbox Serial numbers | 2017-10-31    | -        | All DA 42 and DA 42 M airplanes equipped with engines TAE 125-02-99 (commercial designation CD-135, formerly Centurion 2.0) TAE 125-02-114 (commercial designation CD-155, formerly Centurion 2.0S) The affected gearbox S/Ns are listed in the attached FAA Airworthiness Directive 2017-19-15. | FAA-AD: 2017-19-15              | X             |
| SI42-223 | FAA Special Airworthiness Information Bulletin (SAIB), Display of intruder aircraft vertical trend indications                                                                         | 2017-10-30    | -        | All DA 42 series airplanes equipped Avidyne TAS 600 (OAM 42-094 installed)                                                                                                                                                                                                                       | FAA-SAIB: NE-17-26              | X             |
| SI42-224 | EASA-AD: Modification and/or inspection of the engine exhaust pipe                                                                                                                     | 2018-01-25    | -        | DA 42 S/N 42.004 through 42.427 inclusive, 42.AC001 through 42.AC151 inclusive DA 42 M S/N 42.M001 through 42.M026 inclusive                                                                                                                                                                     | EASA-AD: 2017-0254              | X             |
| SI42-225 | Technify Motors issued Priority 1 - Safety SB No. TMG 125-1022 P1, Replacement of rail pressure regulating valve                                                                       | 2018-03-05    | -        | DA 42, DA 42 M S/N equipped with TAE 125-02-99 engines or TAE 125-02-114 engines                                                                                                                                                                                                                 |                                 | X             |
| SI42-226 | FAA-AD: Modification and/or inspection of the engine exhaust pipe                                                                                                                      | 2018-06-25    | -        | DA 42, DA 42 M S/N 42.004 through 42.427, 42.AC001 through 42.AC151, 42.M001 through 42.M027, if equipped with TAE 125-02-99 engines (modification MAM 42-198 or OSB 42-046 or TAE 125-02-114 engines (modification OAM 42-252 or OSB 42-107)                                                    | FAA-AD: 2018-10-10              | X             |
| SI42-227 | In the aircraft assembly line residue from manufacturing of the air filter was found in the charged air system                                                                         | 2018-09-20    | -        | All DA 42, DA 42 M airplanes                                                                                                                                                                                                                                                                     |                                 | X             |
| SI42-228 | Garmin Service Advisory No. 1905 Rev. A, GPS roll over                                                                                                                                 | 2019-01-14    | -        | All DA 42 and DA 42 M                                                                                                                                                                                                                                                                            |                                 | X             |
| SI42-229 | EASA-AD: Inspection of the nose landing gear assembly                                                                                                                                  | 2019-03-27    | -        | DA 42, DA 42 M all serial numbers DA 42 NG, DA 42 M-NG all serial numbers that have been converted from DA 42 and DA 42 M aeroplanes via Optional Service Bulletin OSB 42-068 or OSB 42-081                                                                                                      | EASA AD: 2019-0066              | X             |
| SI42-230 | EASA-AD: Replacement of Fuel Tank Connection Hoses                                                                                                                                     | 2019-09-06    | -        | All DA 42, DA 42 M airplanes                                                                                                                                                                                                                                                                     | EASA AD: 2019-0218 MSB 42-138   | X             |
| SI42-231 | EASA-AD: Inspection, modification or replacement of the Emergency Locator Transmitter (ELT) C406                                                                                       | 2019-11-06    | -        | All DA 42, DA 42 M airplanes                                                                                                                                                                                                                                                                     | EASA AD: 2019-0235              | X             |
| SI42-232 | EASA-AD: Repetitive inspections for correct installation of the self-locking nut to the Rudder T-yoke axle bolt                                                                        | 2019-12-16    | -        | All DA 42, DA 42 M airplanes                                                                                                                                                                                                                                                                     | EASA-AD: 2019-0302 MSB42-137    | X             |

# DA42 TDI / DA42 MPP



LIST OF APPLICABLE DIAMOND PUBLICATIONS · last update: 2025-05-16

| Doc. No. | Description                                                                                                           | Initial Issue | Revision | Ser.Nos. affected (SB/SI)                                                               | Remarks                            | PDF available |
|----------|-----------------------------------------------------------------------------------------------------------------------|---------------|----------|-----------------------------------------------------------------------------------------|------------------------------------|---------------|
| SI42-233 | EASA-AD: Repetitive inspections of the flap bell crank assembly and if necessary replacement with an improved part    | 2020-01-21    | -        | All DA 42, DA 42 M airplanes                                                            | EASA-AD: 2020-0008<br>MSB 42-126/1 | X             |
| SI42-234 | CAT Priority 1 Safety SB CG 125-1026 P1, Replacement of timing chain for TAE 125-02-114 version 01 engines            | 2020-11-20    | -        | All DA 42, DA 42 M equipped with TAE 125-02-114 (Version 01) engines                    |                                    | X             |
| SI42-235 | CAT Priority 1 Safety SB CG 125-1027 P1, Replacement of the main bearing studs                                        | 2020-12-18    | -        | All DA 42, DA 42 M                                                                      |                                    | X             |
| SI42-236 | EASA-AD: Replacement of the main bearing studs                                                                        | 2021-01-19    | -        | All DA 42, DA 42 M airplanes                                                            | EASA-AD: 2021-0022                 | X             |
| SI42-237 | CAT Priority 1 Safety SB CG 125-1027 P1 Rev. 1, Replacement of the main bearing studs                                 | 2021-08-19    | -        | All DA 42, DA 42 M                                                                      |                                    | X             |
| SI42-238 | not issued yet                                                                                                        |               |          |                                                                                         | EASA-AD: 2021-0022                 | -             |
| SI42-239 | CAT Priority 1 Safety SB CG 125-1028 P1, Inspection of the cylinder head side cover sealing                           | 2021-09-23    | -        | All DA 42, DA 42 M                                                                      |                                    | X             |
| SI42-240 | FAA-AD: Inspection of the Nose Landing Gear (NLG) actuator attachment                                                 | 2021-12-16    | -        | All DA 42 airplanes                                                                     | FAA-AD: 2021-22-03                 | X             |
| SI42-241 | FAA-AD: Replacement of Fuel Tank Connection Hoses from certain delivery batches according MSB 42-138 and MSB 42NG-080 | 2022-02-14    | -        | All DA 42 airplanes                                                                     | FAA-AD: 2022-03-01                 | X             |
| SI42-242 | SIRS Service Information Letter No. SIRS/SIL-CE2-A25-01 Rev.02, Magnetic compass illumination lamp                    | 2022-03-04    | -        | All DA 42 airplanes                                                                     |                                    | X             |
| SI42-243 | FAA-AD: Repetitive inspections of the flap bell crank assembly and if necessary replacement with an improved part     | 2022-04-06    | -        | All DA 42 NG and DA 42 M-NG airplanes                                                   | FAA-AD: 2022-06-08                 | X             |
| SI42-244 | FAA-AD: Installation of the T-yoke bolt D60-5320-00-32                                                                | 2022-11-18    | -        | DA 42 and DA 42 M airplanes S/N as listed in FAA Airworthiness Directive No. 2022-21-15 | FAA-AD: 2022-21-15                 | X             |
| SI42-245 | EASA-AD: Inspection and modification of the rudder steering bracket                                                   | 2023-01-19    | -        | All DA 42 and DA 42 M airplanes                                                         | EASA-AD: 2023-0013                 | X             |
| SI42-246 | FAA-AD: Replacement of the main bearing studs                                                                         | 2023-02-03    | -        | All DA 42 airplanes                                                                     | FAA-AD: 2023-01-08                 | X             |
| SI42-247 | Garmin SB No. 22117 Rev. B, Replacement of the cable retention pins at the GSM 86 servo gearbox assembly              | 2023-03-20    | -        | DA 42 and DA 42 M, all S/N                                                              |                                    | X             |
| SI42-248 | United Instruments Service Note No. 5934-14, Replacement of nonconforming static port threads                         | 2023-04-17    | -        | All DA 42 and DA 42 airplanes with 5934 Series Altimeters installed                     |                                    | X             |
| SI42-249 | Garmin SB No. 0736 Rev. C, G1000 System ID Tool to change the G1000 System ID to a valid System ID                    | 2024-03-08    | -        | All DA 42 and DA 42 M airplanes                                                         |                                    | X             |
| SI42-250 | FAA-AD: Inspection and/or installation of the T-yoke bolt D60-5320-00-32                                              | 2024-04-23    | -        | All DA 42 and DA 42 M airplanes                                                         | FAA-AD: 2024-06-13                 | X             |
| SI42-251 | EASA-AD: Inspection and/or installation of the T-yoke bolt D60-5320-00-32                                             | 2024-04-29    | -        | All DA 42 and DA 42 M airplanes                                                         | EASA-AD: 2023-0013R1               | X             |
| SI42-252 | Closing and latching the passenger door                                                                               | 2024-08-22    | -        | All DA 42 and DA 42 M airplanes                                                         |                                    | X             |
| SI42-253 | EASA-AD: Inspection of the passenger door latching mechanism and modification of the airplane                         | 2024-12-09    | -        | All DA 42 and DA 42 M airplanes                                                         | EASA-AD: 2024-0235<br>MSB42-253    | X             |
| SI42-254 | Safe Flight Instrument LLC Doc. No. R-4065, Troubleshooting Guide for the Stall Warning System on the DA 42 Aircraft  | 2025-01-22    | -        | All DA 42 and DA 42 M airplanes                                                         |                                    | X             |