

MANDATORY SERVICE BULLETIN

NO. MSB42-008/13

SUPERSEDES MSB42-008/12

I TECHNICAL DETAILS

I.1 Category

Mandatory.

I.2 Airplanes affected

Type: DA 42, DA 42 M

Serial Numbers: 42.004 and subsequent equipped with TAE125-01 or TAE125-02-99 engines
42.AC001 and subsequent equipped with TAE125-01 or TAE125-02-99 engines
42.M001 and subsequent equipped with TAE125-02-99 engines

I.3 Time of Compliance

At next maintenance action.

NOTE: Prior compliance with MSB42-008 or MSB42-008/1 or MSB42-008/2 or MSB42-008/3 or MSB42-008/4 or MSB42-008/5 or MSB42-008/6 or MSB42-008/7 or MSB42-008/8 or MSB42-008/9 or MSB42-008/10 or MSB42-008/11 or MSB42-008/12 does not preclude compliance with this MSB.

I.4 Subject

Software for Garmin G1000; approved software systems, manifests and configurations.

I.5 Reason

Summary of approved software systems, manifests and configurations for Garmin G1000.

I.6 Concurrent Documents

Garmin G1000 Line Maintenance and Configuration Manual, P/N 190-00303-04, latest effective issue.

I.7 Approval

The technical information or instructions contained in this document relate to the Design Change Advisories No. MÄM 42-062, MÄM 42-080/a, MÄM 42-101, MÄM 42-115/a, MÄM 42-142, MÄM 42-197, MÄM 42-233/a, MÄM 42-261, MÄM 42-264, MÄM 42-272, MÄM 42-347, MÄM 42-429, MÄM 42-497 OÄM 42-102, OÄM 42-125, OÄM 42-134, OÄM 42-146/a and VÄM 42-002, which have been approved under the authority of EASA Design Organization Approval No. EASA.21J.052 or by EASA.

The technical content of this document has been approved under the authority of DOA No. EASA.21J.052.

I.8 Accomplishment/Instructions

I.8.1 **Applicable to TAE125-01 engines**

Compare installed software system and related manifests with approved ones stated in this service bulletin.

If installed software system and related manifests are not approved, perform an update to the latest approved software version according to the instructions given in the G1000 Line Maintenance and Configuration Manual, latest effective issue, or other related Garmin documents.

An update to a later approved software system with the related manifest may be carried out on every aircraft. Perform the update according to the instructions given in the G1000 Line Maintenance and Configuration Manual, latest effective issue, or other related Garmin documents.

NOTE: It is highly recommended always to use the latest approved software system with the related manifests.

NOTE: Changing the software system requires new configuration of the system. Refer to the Garmin documentation for software configuration.

Software Part Number	Approved Version	Function	Remarks
System			Not approved if <ul style="list-style-type: none"> • TAS 6X0 • GDL 69 • GFC 700 • WAAS Hardware • GDC 74A with P/N 011-00882-10 • SVT is installed AFM-TR-MÄM-42-101 must be incorporated into the
010-00370-13	V1.00		
Manifest			
006-B0093-XX	V3.03	GPS1, GPS2	
006-B0172-XX	V4.03	GTX1-GIA1, GTX1-GIA2	
006-B0190-22	V3.02	GIA1, GIA2	
006-B0193-04	V2.06	GEA1-GIA1, GEA1-GIA2	
006-B0203-08	V2.09	GMA1-GIA1, GMA1-GIA2	
006-B0223-05	V2.06	GRS1-GIA1, GRS1-GIA2	
006-B0224-00	V2.01	GMU1	
006-B0319-32	V5.02	PFD1, MFD1	
006-B0328-05	V4.03		
006-B0329-01	V3.03		
006-C0048-00	V2.00	GMU1 FPGA	
006-C0049-00	V02.00	GRS1 FPGA	

Software Part Number	Approved Version	Function	Remarks
006-C0055-00	V01.05	GDC1 FPGA	AFM Doc. No. 7.01.05-E or AFM Doc. No. 7.01.05-E Rev. 3 or higher must be used.
-	-	GRS1 MV DB (see below)	
006-D0202-13	V2.10		
006-B0261-03	V2.05	GDC1-GIA1	
System			
010-00370-14	V1.00		Not approved if <ul style="list-style-type: none"> • GDL 69 • GFC 700 • WAAS Hardware • GDC 74A with P/N 011-00882-10 • SVT is installed AFM-TR-MÄM-42-101 must be incorporated into the AFM Doc. No. 7.01.05-E or AFM Doc. No. 7.01.05-E Rev. 3 or higher must be used.
Manifest			
006-B0093-XX	V3.03	GPS1, GPS2	
006-B0172-XX	V4.03	GTX1-GIA1, GTX1-GIA2	
006-B0190-22	V3.02	GIA1, GIA2	
006-B0193-04	V2.06	GEA1-GIA1, GEA1-GIA2	
006-B0203-08	V2.09	GMA1-GIA1, GMA1-GIA2	
006-B0223-05	V2.06	GRS1-GIA1, GRS1-GIA2	
006-B0224-00	V2.01	GMU1	
006-B0319-32	V5.02	PFD1, MFD1	
006-B0328-05	V4.03		
006-B0329-01	V3.03		
006-C0048-00	V2.00	GMU1 FPGA	
006-C0049-00	V02.00	GRS1 FPGA	
006-C0055-00	V01.05	GDC1 FPGA	
-	-	GRS1 MV DB (see below)	
006-D0202-14	V2.11		
006-B0261-03	V2.05	GDC1-GIA1	
System			
010-00370-17	V1.00		Not approved if <ul style="list-style-type: none"> • GFC 700 • WAAS Hardware • GDC 74A with P/N 011-00882-10 • SVT is installed AFM-TR-MÄM-42-101 must be incorporated into the AFM Doc. No. 7.01.05-E or AFM Doc. No. 7.01.05-E Rev. 3 or higher must be used.
Manifest			
006-B0093-XX	V3.03	GPS1, GPS2	
006-B0172-XX	V4.03	GTX1-GIA1, GTX1-GIA2	
006-B0190-22	V3.02	GIA1, GIA2	
006-B0193-04	V2.06	GEA1-GIA1, GEA1-GIA2	
006-B0203-10	V2.11	GMA1-GIA1, GMA1-GIA2	
006-B0223-07	V2.09	GRS1-GIA1, GRS1-GIA2	
006-B0224-00	V2.01	GMU1	
006-B0319-32	V5.02	PFD1, MFD1	
006-B0328-05	V4.03		
006-B0329-01	V3.03		
006-C0048-00	V2.00	GMU1 FPGA	
006-C0049-00	V02.00	GRS1 FPGA	
006-C0055-00	V01.05	GDC1 FPGA	
-	-	GRS1 MV DB (see below)	
006-D0202-15	V2.12		
006-B0261-03	V2.05	GDC1-GIA1	

Software Part Number	Approved Version	Function	Remarks
006-B0317-12	V3.02.00	GDL 69	Configuration DA42 1.7 Liter Engine Option must be carried out.
System			
010-00370-19	V1.00		Not approved if <ul style="list-style-type: none"> • WAAS Hardware • SVT is installed
Manifest			
006-B0093-XX	V3.03	GPS1, GPS2	AFM-TR-MÄM-42-101 must be incorporated into the AFM Doc. No. 7.01.05-E or AFM Doc. No. 7.01.05-E Rev. 3 or higher must be used. Configuration DA42 1.7 Liter Engine Option must be carried out.
006-B0172-XX	V4.05	GTX1-GIA1, GTX1-GIA2	
006-B0190-38	V4.71	GIA1, GIA2	
006-B0193-05	V2.07	GEA1-GIA1, GEA1-GIA2	
006-B0203-10	V2.11	GMA1-GIA1, GMA1-GIA2	
006-B0223-07	V2.09	GRS1-GIA1, GRS1-GIA2	
006-B0224-00	V2.01	GMU1	
006-B0319-45	V6.13	PFD1, MFD1	
006-B0328-07	V4.05		
006-B0329-01	V3.03		
006-C0048-00	V2.00	GMU1 FPGA	
006-C0049-00	V02.00	GRS1 FPGA	
006-C0055-00	V01.05	GDC1 FPGA	
-	-	GRS1 MV DB (see below)	
006-D0202-19	V2.16		
006-B0261-11	V3.01	GDC1-GIA1	
006-B0317-13	V3.10	GDL 69	
006-D0425-02	V2.02	GIA1 Audio DB, GIA2 Audio DB	
-	-	-	
-	-	-	
System			
010-00370-20	V1.00		Not approved if <ul style="list-style-type: none"> • SVT is installed
Manifest			
006-B0093-XX	V3.03	GPS1, GPS2	AFM Doc. No. 7.01.05-E Rev. 4 or higher must be used. AFM-TR-MÄM-42-272 must be incorporated into the AFM Doc. No. 7.01.05-E or the AFM revision, in which this temporary revision has been
006-B0172-01	V4.06	GTX1-GIA1, GTX1-GIA2	
006-B0190-46	V5.51	GIA1, GIA2	
006-B0193-05	V2.07	GEA1-GIA1, GEA1-GIA2	
006-B0203-33	V3.03	GMA1-GIA1, GMA1-GIA2	
006-B0223-09	V2.11	GRS1-GIA1, GRS1-GIA2	
006-B0224-00	V2.01	GMU1	
006-B0319-6A	V8.20	PFD1, MFD1	
006-B0328-08	V4.06		
006-B0329-01	V3.03		
006-C0048-00	V2.00	GMU1 FPGA	
006-C0049-00	V02.00	GRS1 FPGA	
006-C0055-00	V01.05	GDC1 FPGA	

Software Part Number	Approved Version	Function	Remarks
-	-	GRS1 MV DB (see below)	incorporated must be used. Configuration DA42 1.7 Liter Engine Option must be carried out.
006-D0202-20	V2.17		
006-B0261-12	V3.02	GDC1-GIA1	
006-B0317-14	V3.20.00	GDL 69	
006-D0425-03	V2.03	GIA1 Audio DB, GIA2 Audio DB	
006-B0398-20	V2.13	GSA 8X	
006-D0744-02	V2.00	GFC700 Cert Gains	
006-B0339-07	V3.0	GPS/WAAS Engine	
006-B0544-28	V5.51	G1000 GIA 6XW SYS	
006-C0036-04	V1.04	GDU 1XXX FPGA	
006-B0191-04	V2.03	GDU 10XX BB	
006-B0561-00	V2.0	GPS/WAAS Download Tool	
System			
010-00370-21	V1.00		Not approved if <ul style="list-style-type: none"> SVT is installed
Manifest			
006-B0093-XX	V3.03	GPS1, GPS2	AFM Doc. No. 7.01.05-E Rev. 4 or higher must be used. AFM-TR-MÄM-42-347 must be incorporated into the AFM Doc. No. 7.01.05-E or the AFM revision, in which this temporary revision has been incorporated must be used.
006-B0172-01	V4.06	GTX1-GIA1, GTX1-GIA2	
006-B0190-46	V5.51	GIA1, GIA2	
006-B0193-05	V2.07	GEA1-GIA1, GEA1-GIA2	
006-B0203-33	V3.03	GMA1-GIA1, GMA1-GIA2	
006-B0223-09	V2.11	GRS1-GIA1, GRS1-GIA2	
006-B0224-00	V2.01	GMU1	
006-B0319-6A	V8.20	PFD1, MFD1	
006-B0328-08	V4.06		
006-B0329-01	V3.03		
006-C0048-00	V2.00	GMU1 FPGA	
006-C0049-00	V02.00	GRS1 FPGA	
006-C0055-00	V01.05	GDC1 FPGA	
-	-	GRS1 MV DB (see below)	
006-D0202-21	V2.18		Configuration DA42 1.7 Liter Engine Option must be carried out.
006-B0261-12	V3.02	GDC1-GIA1	
006-B0317-14	V3.20.00	GDL 69	
006-D0425-03	V2.03	GIA1 Audio DB, GIA2 Audio DB	
006-B0398-20	V2.13	GSA 8X	
006-D0744-02	V2.00	GFC700 Cert Gains	
006-B0339-07	V3.0	GPS/WAAS Engine	
006-B0544-28	V5.51	G1000 GIA 6XW SYS	
006-C0036-04	V1.04	GDU 1XXX FPGA	
006-B0191-04	V2.03	GDU 10XX BB	

Software Part Number	Approved Version	Function	Remarks
System			
010-00370-22	V1.00		AFM Doc. No. 7.01.05-E Rev. 4 or higher must be used.
Manifest			
006-B0093-XX	V3.03	GPS1, GPS2	
006-B0172-01	V5.01	GTX1-GIA1, GTX1-GIA2	
006-B0190-48	V5.65	GIA1, GIA2	AFM-TR-MÄM-42-347 must be incorporated into the AFM Doc. No. 7.01.05-E or the AFM revision, in which this temporary revision has been incorporated must be used.
006-B0193-05	V2.07	GEA1-GIA1, GEA1-GIA2	
006-B0203-41	V4.01	GMA1-GIA1, GMA1-GIA2	
006-B0223-09	V2.11	GRS1-GIA1, GRS1-GIA2	
006-B0224-00	V2.01	GMU1	
006-B0319-75	V9.05	PFD1, MFD1	
006-B0328-10	V5.01		
006-B0329-01	V3.03		
006-C0048-00	V2.00	GMU1 FPGA	
006-C0049-00	V02.00	GRS1 FPGA	
006-C0055-00	V01.05	GDC1 FPGA	
-	-	GRS1 MV DB (see below)	
006-D0202-22	V2.19		
006-B0261-12	V3.02	GDC1-GIA1	
006-B0317-14	V3.20.00	GDL 69	
006-D0425-05	V2.05	GIA1 Audio DB, GIA2 Audio DB	
006-B0398-30	V2.20	GSA 8X	
006-D0744-02	V2.00	GFC700 Cert Gains	
006-B0339-09	V3.1	GPS/WAAS Engine	
006-B0544-2B	V5.65	G1000 GIA 6XW SYS	
006-C0036-04	V1.04	GDU 1XXX FPGA	
006-B0191-04	V2.03	GDU 10XX BB	Configuration DA42 1.7 Liter Engine Option must be carried out.

Approved Configurations (Software)	Remark
DA42 Factory Base Configuration	
DA42 DME Option	Only in conjunction with System 010-00370-19 or higher
DA42 ADF Option	Only in conjunction with System 010-00370-19 or higher
DA42 Stormscope Option	Only in conjunction with System 010-00370-19 or higher
DA42/DA40D DME Option	Only in conjunction with System 010-00370-13 through 010-00370-17
DA42/DA40D ADF Option	Only in conjunction with System 010-00370-13 through 010-00370-17
DA42/DA40D Stormscope Option	Only in conjunction with System 010-00370-13 through 010-00370-17
DA42 Aux Fuel Tanks Option	Only in conjunction with System 010-00370-13 or higher
DA42 Deicing Option	Only in conjunction with System 010-00370-13 or higher
DA42/DA40D TAS600 Series Installation Option	Only in conjunction with System 010-00370-14 and 010-00370-17
DA42 1.7 Liter Engine Option	Only in conjunction with System 010-00370-17 or higher
DA42/DA40D GDL Option	Only in conjunction with System 010-00370-17
DA42 TAS600 Series Installation Option	Only in conjunction with System 010-00370-19 or higher
DA42 GDL Option	Only in conjunction with System 010-00370-19 or higher

Approved Magnetic Field Charts (GRS1 MV DB)		
Software Part Number	Approved Version	Remarks
006-D0159-01	V2005.00	valid until 31-Dec-2011
066-D0159-02	V2010.00	

I.8.2 Applicable to TAE125-02-99 engines

Compare installed software system and related manifests with approved ones stated in this service bulletin.

If installed software system and related manifests are not approved, perform an update to the latest approved software version according to the instructions given in the G1000 Line Maintenance and Configuration Manual, latest effective issue, or other related Garmin documents.

An update to a later approved software system with the related manifest may be carried out on every aircraft. Perform the update according to the instructions given in the G1000 Line Maintenance and Configuration Manual, latest effective issue, or other related Garmin documents.

NOTE: It is highly recommended always to use the latest approved software system with the related manifests.

NOTE: Changing the software system requires new configuration of the system. Refer to the Garmin documentation for software configuration.

Software Part Number	Approved Version	Function	Remarks
System			Not approved if <ul style="list-style-type: none"> • GDL 69 • GFC 700 • WAAS Hardware • GDC 74A with P/N 011-00882-10 • SVT is installed AFM-TR-MÄM-42-198/b must be incorporated into the AFM Doc. No. 7.01.05-E or AFM Doc. No. 7.01.05-E Rev. 4 or higher must be used.
010-00370-15	V1.00		
Manifest			
006-B0093-XX	V3.03	GPS1, GPS2	
006-B0172-XX	V4.03	GTX1-GIA1, GTX1-GIA2	
006-B0190-22	V3.02	GIA1, GIA2	
006-B0193-04	V2.06	GEA1-GIA1, GEA1-GIA2	
006-B0203-08	V2.09	GMA1-GIA1, GMA1-GIA2	
006-B0223-07	V2.09	GRS1-GIA1, GRS1-GIA2	
006-B0224-00	V2.01	GMU1	
006-B0319-32	V5.02	PFD1, MFD1	
006-B0328-05	V4.03		
006-B0329-01	V3.03		
006-C0048-00	V2.00	GMU1 FPGA	
006-C0049-00	V02.00	GRS1 FPGA	
006-C0055-00	V01.05	GDC1 FPGA	
-	-	GRS1 MV DB (see below)	
006-D0202-15	V2.12		
006-B0261-03	V2.05	GDC1-GIA1	
-	-	-	

Software Part Number	Approved Version	Function	Remarks
System			Not approved if <ul style="list-style-type: none"> • GFC 700 • WAAS Hardware • GDC 74A with P/N 011-00882-10 • SVT is installed AFM-TR-MÄM-42-198/b must be incorporated into the AFM Doc. No. 7.01.05-E or AFM Doc. No. 7.01.05-E Rev. 4 or higher must be used.
010-00370-16	V1.00		
Manifest			
006-B0093-XX	V3.03	GPS1, GPS2	
006-B0172-XX	V4.03	GTX1-GIA1, GTX1-GIA2	
006-B0190-22	V3.02	GIA1, GIA2	
006-B0193-04	V2.06	GEA1-GIA1, GEA1-GIA2	
006-B0203-10	V2.11	GMA1-GIA1, GMA1-GIA2	
006-B0223-07	V2.09	GRS1-GIA1, GRS1-GIA2	
006-B0224-00	V2.01	GMU1	
006-B0319-32	V5.02	PFD1, MFD1	
006-B0328-05	V4.03		
006-B0329-01	V3.03		
006-C0048-00	V2.00	GMU1 FPGA	
006-C0049-00	V02.00	GRS1 FPGA	
006-C0055-00	V01.05	GDC1 FPGA	
-	-	GRS1 MV DB (see below)	
006-D0202-15	V2.12		
006-B0261-03	V2.05	GDC1-GIA1	
006-B0317-12	V3.02.00	GDL 69	
System			Not approved if <ul style="list-style-type: none"> • GFC 700 • WAAS Hardware • GDC 74A with P/N 011-00882-10 • SVT is installed AFM-TR-MÄM-42-198/b must be incorporated into the AFM Doc. No. 7.01.05-E or AFM Doc. No. 7.01.05-E Rev. 4 or higher must be used.
010-00370-17	V1.00		
Manifest			
006-B0093-XX	V3.03	GPS1, GPS2	
006-B0172-XX	V4.03	GTX1-GIA1, GTX1-GIA2	
006-B0190-22	V3.02	GIA1, GIA2	
006-B0193-04	V2.06	GEA1-GIA1, GEA1-GIA2	
006-B0203-10	V2.11	GMA1-GIA1, GMA1-GIA2	
006-B0223-07	V2.09	GRS1-GIA1, GRS1-GIA2	
006-B0224-00	V2.01	GMU1	
006-B0319-32	V5.02	PFD1, MFD1	
006-B0328-05	V4.03		
006-B0329-01	V3.03		
006-C0048-00	V2.00	GMU1 FPGA	
006-C0049-00	V02.00	GRS1 FPGA	
006-C0055-00	V01.05	GDC1 FPGA	
-	-	GRS1 MV DB (see below)	
006-D0202-15	V2.12		
006-B0261-03	V2.05	GDC1-GIA1	
006-B0317-12	V3.02.00	GDL 69	

Software Part Number	Approved Version	Function	Remarks
System			<p>Not approved if</p> <ul style="list-style-type: none"> • WAAS Hardware • SVT <p>is installed</p> <p>AFM-TR-MÄM-42-198/b must be incorporated into the AFM Doc. No. 7.01.05-E or AFM Doc. No. 7.01.05-E Rev. 4 or higher must be used.</p> <p>If OÄM 42-102 (GFC 700 A/P) is carried out, AFM Doc. No. 7.01.06-E must be used.</p>
010-00370-19	V1.00		
Manifest			
006-B0093-XX	V3.03	GPS1, GPS2	
006-B0172-XX	V4.05	GTX1-GIA1, GTX1-GIA2	
006-B0190-38	V4.71	GIA1, GIA2	
006-B0193-05	V2.07	GEA1-GIA1, GEA1-GIA2	
006-B0203-10	V2.11	GMA1-GIA1, GMA1-GIA2	
006-B0223-07	V2.09	GRS1-GIA1, GRS1-GIA2	
006-B0224-00	V2.01	GMU1	
006-B0319-45	V6.13	PFD1, MFD1	
006-B0328-07	V4.05		
006-B0329-01	V3.03		
006-C0048-00	V2.00	GMU1 FPGA	
006-C0049-00	V02.00	GRS1 FPGA	
006-C0055-00	V01.05	GDC1 FPGA	
-	-	GRS1 MV DB (see below)	
006-D0202-19	V2.16		
006-B0261-11	V3.01	GDC1-GIA1	
006-B0317-13	V3.10	GDL 69	
006-D0425-02	V2.02	GIA1 Audio DB, GIA2 Audio DB	
006-B0398-17	V2.10	GSA 8X	
006-D0744-00	V2.00	GFC700 Cert Gains	
System			<p>Not approved if</p> <ul style="list-style-type: none"> • SVT <p>is installed</p> <p>AFM-TR-MÄM-42-198/b and AFM-TR-MÄM-42-272 must be incorporated into the AFM Doc. No. 7.01.05-E or the AFM revision, in which this temporary revisions have been incorporated must be used.</p> <p>If OÄM 42-102 (GFC 700 A/P) is carried out, AFM Doc. No. 7.01.06-E must be used.</p>
010-00370-20	V1.00		
Manifest			
006-B0093-XX	V3.03	GPS1, GPS2	
006-B0172-01	V4.06	GTX1-GIA1, GTX1-GIA2	
006-B0190-46	V5.51	GIA1, GIA2	
006-B0193-05	V2.07	GEA1-GIA1, GEA1-GIA2	
006-B0203-33	V3.03	GMA1-GIA1, GMA1-GIA2	
006-B0223-09	V2.11	GRS1-GIA1, GRS1-GIA2	
006-B0224-00	V2.01	GMU1	
006-B0319-6A	V8.20	PFD1, MFD1	
006-B0328-08	V4.06		
006-B0329-01	V3.03		
006-C0048-00	V2.00	GMU1 FPGA	
006-C0049-00	V02.00	GRS1 FPGA	
006-C0055-00	V01.05	GDC1 FPGA	
-	-	GRS1 MV DB (see below)	
006-D0202-20	V2.17		
006-B0261-12	V3.02	GDC1-GIA1	
006-B0317-14	V3.20.00	GDL 69	
006-D0425-03	V2.03	GIA1 Audio DB, GIA2 Audio DB	

Software Part Number	Approved Version	Function	Remarks
006-B0398-20	V2.13	GSA 8X	AFM-TR-MÄM-42-272 must be incorporated into the AFM Doc. No. 7.01.06-E or the AFM revision, in which this temporary revision has been incorporated must be used. If WAAS Hardware is installed, AFM-TR-OÄM-42-134 must be incorporated into the AFM Doc. No. 7.01.06-E or the AFM revision, in which this temporary revision has been incorporated must be used.
006-D0744-02	V2.00	GFC700 Cert Gains	
006-B0339-07	V3.0	GPS/WAAS Engine	
006-B0544-28	V5.51	G1000 GIA 6XW SYS	
006-C0036-04	V1.04	GDU 1XXX FPGA	
006-B0191-04	V2.03	GDU 10XX BB	
006-B0561-00	V2.0	GPS/WAAS Download Tool	
System			
010-00370-21	V1.00		Not approved if <ul style="list-style-type: none"> SVT is installed
Manifest			
006-B0093-XX	V3.03	GPS1, GPS2	AFM-TR-MÄM-42-198/b and AFM-TR-MÄM-42-347 must be incorporated into the AFM Doc. No. 7.01.05-E or the AFM revision, in which this temporary revisions have been incorporated must be used. If OÄM 42-102 (GFC 700 A/P) is carried out, AFM Doc. No. 7.01.06-E must be used. AFM-TR-MÄM-42-347 must be incorporated into the
006-B0172-01	V4.06	GTX1-GIA1, GTX1-GIA2	
006-B0190-46	V5.51	GIA1, GIA2	
006-B0193-05	V2.07	GEA1-GIA1, GEA1-GIA2	
006-B0203-33	V3.03	GMA1-GIA1, GMA1-GIA2	
006-B0223-09	V2.11	GRS1-GIA1, GRS1-GIA2	
006-B0224-00	V2.01	GMU1	
006-B0319-6A	V8.20	PFD1, MFD1	
006-B0328-08	V4.06		
006-B0329-01	V3.03		
006-C0048-00	V2.00	GMU1 FPGA	
006-C0049-00	V02.00	GRS1 FPGA	
006-C0055-00	V01.05	GDC1 FPGA	
-	-	GRS1 MV DB (see below)	
006-D0202-21	V2.18		
006-B0261-12	V3.02	GDC1-GIA1	
006-B0317-14	V3.20.00	GDL 69	
006-D0425-03	V2.03	GIA1 Audio DB, GIA2 Audio DB	
006-B0398-20	V2.13	GSA 8X	
006-D0744-02	V2.00	GFC700 Cert Gains	
006-B0339-07	V3.0	GPS/WAAS Engine	

Software Part Number	Approved Version	Function	Remarks
006-B0544-28	V5.51	G1000 GIA 6XW SYS	AFM Doc. No. 7.01.06-E or the AFM revision, in which this temporary revision has been incorporated must be used. If WAAS Hardware is installed, AFM-TR-OÄM-42-134 must be incorporated into the AFM Doc. No. 7.01.06-E or the AFM revision, in which this temporary revision has been incorporated must be used.
006-C0036-04	V1.04	GDU 1XXX FPGA	
006-B0191-04	V2.03	GDU 10XX BB	
006-B0561-00	V2.0	GPS/WAAS Download Tool	
System			AFM-TR-MÄM-42-198/b and AFM-TR-MÄM-42-347 must be incorporated into the AFM Doc. No. 7.01.05-E or the AFM revision, in which this temporary revisions have been incorporated must be used. If SVT is installed, AFM-TR-OÄM-42-146/a and Supplement S06 must be incorporated into the AFM Doc. No. 7.01.05-E or the AFM revision, in which this temporary revision has been incorporated must be used. If OÄM 42-102 (GFC 700 A/P) is carried
010-00370-22	V1.00		
Manifest			
006-B0093-XX	V3.03	GPS1, GPS2	
006-B0172-01	V5.01	GTX1-GIA1, GTX1-GIA2	
006-B0190-48	V5.65	GIA1, GIA2	
006-B0193-05	V2.07	GEA1-GIA1, GEA1-GIA2	
006-B0203-41	V4.01	GMA1-GIA1, GMA1-GIA2	
006-B0223-09	V2.11	GRS1-GIA1, GRS1-GIA2	
006-B0224-00	V2.01	GMU1	
006-B0319-75	V9.05	PFD1, MFD1	
006-B0328-10	V5.01		
006-B0329-01	V3.03		
006-C0048-00	V2.00	GMU1 FPGA	
006-C0049-00	V02.00	GRS1 FPGA	
006-C0055-00	V01.05	GDC1 FPGA	
-	-	GRS1 MV DB (see below)	
006-D0202-22	V2.19		
006-B0261-12	V3.02	GDC1-GIA1	
006-B0317-14	V3.20.00	GDL 69	
006-D0425-05	V2.05	GIA1 Audio DB, GIA2 Audio DB	
006-B0398-30	V2.20	GSA 8X	
006-D0744-02	V2.00	GFC700 Cert Gains	
006-B0339-09	V3.1	GPS/WAAS Engine	
006-B0544-2B	V5.65	G1000 GIA 6XW SYS	
006-C0036-04	V1.04	GDU 1XXX FPGA	

Software Part Number	Approved Version	Function	Remarks
006-B0191-04	V2.03	GDU 10XX BB	<p>out, AFM Doc. No. 7.01.06-E must be used.</p> <p>AFM-TR-MÄM-42-347 must be incorporated into the AFM Doc. No. 7.01.06-E or the AFM revision, in which this temporary revision has been incorporated must be used.</p> <p>If WAAS Hardware is installed, AFM-TR-OÄM-42-134 must be incorporated into the AFM Doc. No. 7.01.06-E or the AFM revision, in which this temporary revision has been incorporated must be used.</p> <p>If SVT is installed, AFM-TR-OÄM-42-146/a and Supplement S06 must be incorporated into the AFM Doc. No. 7.01.06-E or the AFM revision, in which this temporary revision has been incorporated must be used.</p>

Approved Configurations (Software)	Remark
DA42 Factory Base Configuration	
DA42/DA40D DME Option	Only in conjunction with System 010-00370-15 through 010-00370-17
DA42/DA40D ADF Option	Only in conjunction with System 010-00370-15 through 010-00370-17
DA42/DA40D Stormscope Option	Only in conjunction with System 010-00370-15 through 010-00370-17
DA42 Aux Fuel Tanks Option	Only in conjunction with System 010-00370-15 or higher
DA42 Deicing Option	Only in conjunction with System 010-00370-15 or higher
DA42/DA40D TAS600 Series Installation Option	Only in conjunction with System 010-00370-15 through 010-00370-17
DA42/DA40D GDL Option	Only in conjunction with System 010-00370-16 or 010-00370-17
DA42 DME Option	Only in conjunction with System 010-00370-19 or higher
DA42 ADF Option	Only in conjunction with System 010-00370-19 or higher
DA42 Stormscope Option	Only in conjunction with System 010-00370-19 or higher
DA42 TAS600 Series Installation Option	Only in conjunction with System 010-00370-19 or higher
DA42 GDL Option	Only in conjunction with System 010-00370-19 or higher
DA 42 GFC700 Option	Only in conjunction with System 010-00370-19 or higher

Approved Magnetic Field Charts (GRS1 MV DB)		
Software Part Number	Approved Version	Remarks
006-D0159-01	V2005.00	valid until 31-Dec-2011
006-D0159-02	V2010.00	

I.9 Mass (Weight) and CG

n. a.

II PLANNING INFORMATION

II.1 Material & Availability

Software and concurrent documents can be obtained through your Garmin distributor.

II.2 Special Tools

n. a.

II.3 Labor effort

Appr. 30 min

II.4 Credit

n. a.

II.5 Reference Documents

n. a.

III REMARKS

1. All measures must be carried out by a certified aircraft maintenance station or a certified aircraft maintenance mechanic
2. Accomplishment of the measures must be confirmed in the log book.
3. In case of any doubt, contact Diamond Aircraft Industries.