

TRANSMITTAL SHEET

This sheet transmits Revision C, dated October 26, 2011, to Gulfstream G450 Aircraft Service Change 007, dated December 15, 2004, titled Placards and Markings (ATA 11) Maximum Landing Gross Weight – 58,500 Pounds Placard Installation.

Reason for Revision:

Pilots Information Sheet

Updated revision level of Airplane Flight Manual Supplement No. G450-2004-01 and added Airplane Flight Manual Supplements No. G450-2010-04, G450-2010-07 and G450-2010-09.

Classification/Approval Statement

Updated approval statement and ODA project number.

Purpose/Discussion

Revised statement to clarify the procedures associated with the use of the placard and Airplane Flight Manual Supplement.

Description/Man-Hours Required Per Aircraft

Added description and applicability of Sections I and II, and requirements for aircraft that have previously incorporated ASC 007/007A/007B to meet the intent of this revision.

Approved Engineering Data

Changed top drawing (1159ASC47007) revision level to Rev "D".

Concurrent Requirement

Added G450 Customer Bulletin Number 131 (aircraft that have previously incorporated ASC 007/007A/007B).

Flight Manual Revision/Supplement Required

Updated revision level of Airplane Flight Manual Supplement No. G450-2004-01 and added Airplane Flight Manual Supplements No. G450-2010-04, G450-2010-07 and G450-2010-09.

Effect on Spares

Updated spares and replacement part numbers

Price

Added kit price note

TRANSMITTAL SHEET

Modification Instructions

Added Step B.

Added Section I.

Section I, Step A. (previously Step B.) changed “placard assembly, PN 1159ASC47007-19” to “holder assembly, PN 1159ASC47007-27”

Added Section I, Steps B. and C.

Revised note to clarify the procedures associated with the use of the placard and Airplane Flight Manual Supplement.

Previous Steps C., D. and E. are now Section 1, Steps D., E. and F.

Parts Required Per Aircraft

Updated parts list

Revised parts list notes 1 and 3

Section II

Added Section II - Aircraft that have previously incorporated ASC 007/007A/007B

Effect of Revision on Prior Accomplishment:

This aircraft service change revision replaces ASC 007/007A/007B. To meet the intent of this revision, operators of aircraft that have previously incorporated ASC 007/007A/007B should comply with Section II of this revision.

Note: This aircraft service change has been reproduced in its entirety. A change bar in the left margin indicates a change in that line of text or figure.

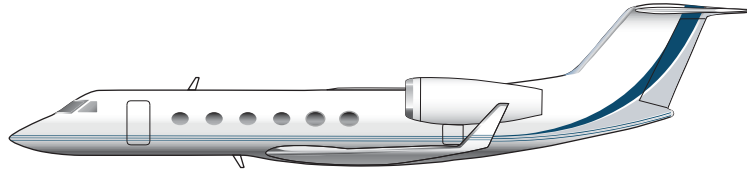
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Revision History:

Original Issue: December 15, 2004
Revision A: April 7, 2008
Revision B: October 12, 2010
Revision C: October 26, 2011

Gulfstream G450



AIRCRAFT SERVICE CHANGE

NUMBER 007C

SUBJECT

PLACARDS AND MARKINGS (ATA 11)

MAXIMUM LANDING GROSS WEIGHT –
58,500 POUNDS – CATEGORY C – PROVISIONS

OCTOBER 26, 2011

PILOTS INFORMATION SHEET

MAXIMUM LANDING GROSS WEIGHT –
58,500 POUNDS – CATEGORY C – PROVISIONS

This service change provides instructions to install a placard in the cockpit to reduce the Maximum Landing Gross Weight to 58,500 pounds for Category C instrument approach operations.

G450 aircraft serial number 4001-4200 without ASC 064 and without ASC 016 require Airplane Flight Manual Supplement No. G450-2004-01 (Revision 01), dated October 14, 2010, or later FAA approved revision, as a result of this installation.

G450 aircraft serial number 4001-4200 without ASC 064 and having ASC 016 (or later approved revision) require Airplane Flight Manual Supplement No. G450-2010-09, dated October 14, 2010, or later FAA approved revision, as a result of this installation.

G450 aircraft serial number 4001-4200 without ASC 016 and having ASC 064 (or later approved revision), and serial number 4201-subsequent without ASC 016 require Airplane Flight Manual Supplement No. G450-2010-04 (Revision 01), dated June 20, 2011, or later FAA approved revision, as a result of this installation.

G450 aircraft serial number 4001-4200 having ASC 016 (or later approved revision) and ASC 064 (or later approved revision), and serial number 4201-subsequent having ASC 016 (or later approved revision) require Airplane Flight Manual Supplement No. G450-2010-07 (Revision 01), dated June 20, 2011, or later FAA approved revision, as a result of this installation.

PLEASE DETACH AND GIVE TO FLIGHT DEPARTMENT PERSONNEL

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PILOTS INFORMATION SHEET

MAXIMUM LANDING GROSS WEIGHT –
58,500 POUNDS – CATEGORY C – PROVISIONS

This service change provides instructions to install a placard in the cockpit to reduce the Maximum Landing Gross Weight to 58,500 pounds for Category C instrument approach operations.

G450 aircraft serial number 4001-4200 without ASC 064 and without ASC 016 require Airplane Flight Manual Supplement No. G450-2004-01 (Revision 01), dated October 14, 2010, or later FAA approved revision, as a result of this installation.

G450 aircraft serial number 4001-4200 without ASC 064 and having ASC 016 (or later approved revision) require Airplane Flight Manual Supplement No. G450-2010-09, dated October 14, 2010, or later FAA approved revision, as a result of this installation.

G450 aircraft serial number 4001-4200 without ASC 016 and having ASC 064 (or later approved revision), and serial number 4201-subsequent without ASC 016 require Airplane Flight Manual Supplement No. G450-2010-04 (Revision 01), dated June 20, 2011, or later FAA approved revision, as a result of this installation.

G450 aircraft serial number 4001-4200 having ASC 016 (or later approved revision) and ASC 064 (or later approved revision), and serial number 4201-subsequent having ASC 016 (or later approved revision) require Airplane Flight Manual Supplement No. G450-2010-07 (Revision 01), dated June 20, 2011, or later FAA approved revision, as a result of this installation.

PLEASE RETAIN THIS COPY WITH THE AIRCRAFT SERVICE CHANGE (ASC) BOOKLET

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The design change effected by this Aircraft Service Change (ASC) has been classified as Minor by the United States Federal Aviation Administration (FAA). The design change data contained here-in and effected by this document is approved and accepted by the FAA under Gulfstream Organization Delegation Authorization Project No. TG-01-2011-0001.

The design of this ASC is approved by aircraft type design data for installation on aircraft registered for operation in accordance with applicable regulations of the FAA. Individual approval should be obtained from the appropriate airworthiness agency prior to installation on aircraft registered outside the United States.

The design of an ASC is configured to a standard ("greenie") production aircraft. If spare wires, pin connections or locations called out have been used for another modification, the installing agency must ensure the development, documentation and approval of any required deviations.

The following instructions, in step-by-step form, are written as a guide to perform this ASC. Compliance with safe maintenance practices as defined in the Aircraft Maintenance Manual (AMM) and by the FAA is required.

Gulfstream considers this ASC a means to enhance aircraft capabilities to meet individual operator requirements. The modification is not related to any safety or airworthiness condition.

Subject: Placards and Markings (ATA 11) Maximum Landing Gross Weight – 58,500 Pounds – Category C – Provisions

Purpose/Discussion: This service change provides instructions to install a placard in the cockpit to reduce the Maximum Landing Gross Weight to 58,500 pounds for Category C instrument approach operations.

With this ASC incorporated, along with the placard and Airplane Flight Manual Supplement (AFMS), the aircraft must be operated at the reduced maximum landing weight limitation as defined by the AFMS. If operations at standard (Pre ASC) maximum landing weight limitation are desired, the placard shall be removed from the aircraft by maintenance action, including log book entry, and the AFMS shall be removed from the flight manual.

The removal and/or reinstallation of the placard and AFMS is an aircraft alteration and must be performed by persons authorized under 14 CFR 43.3 to perform alterations and approved for return to service in accordance with 14 CFR 43.5 and 43.7.

Description/Man-Hours
Required Per Aircraft:

This service change installs a holder assembly and placard in the cockpit.

The modification instructions are divided into two sections. Section I applies to new installations. Section II applies to aircraft that have previously incorporated ASC 007/007A/007B. To meet the intent of this revision, operators of aircraft that have previously incorporated ASC 007/007A/007B should replace AFMS No. G450-2004-01, dated August 12, 2004, with the appropriate AFMS as described in Section II. To obtain the AFMS, please contact Gulfstream Technical Publications at 1-800-810-GULF (4853).

Approximately 1.0 man-hour is required to accomplish this installation.

Approved Engineering Data:

The source data for this ASC is:
1159ASC47007 Rev "D" Top Drawing – Maximum Landing Gross Weight 58,500 Pounds (ASC 007)

Prerequisites:

None

Concurrent Requirement:

G450 Customer Bulletin Number 131 (aircraft that have previously incorporated ASC 007/007A/007B)

Associated Documents:

G450 Aircraft Maintenance Manual (AMM)

Flight Manual Revision/
Supplement Required:

G450 aircraft serial number 4001-4200 without ASC 064 and without ASC 016 require AFMS No. G450-2004-01 (Revision 01), dated October 14, 2010, or later FAA approved revision, as a result of this installation.

G450 aircraft serial number 4001-4200 without ASC 064 and having ASC 016 (or later approved revision) require AFMS No. G450-2010-09, dated October 14, 2010, or later FAA approved revision, as a result of this installation.

G450 aircraft serial number 4001-4200 without ASC 016 and having ASC 064 (or later approved revision), and serial number 4201-subsequent without ASC 016 require AFMS No. G450-2010-04 (Revision 01), dated June 20, 2011, or later FAA approved revision, as a result of this installation.

Flight Manual Revision/
Supplement Required Continued: G450 aircraft serial number 4001-4200 having ASC 016 (or later approved revision) and ASC 064 (or later approved revision), and serial number 4201-subsequent having ASC 016 (or later approved revision) require AFMS No. G450-2010-07 (Revision 01), dated June 20, 2011, or later FAA approved revision, as a result of this installation.

Publications Data: Data concerning this service change will be published in a future revision of the affected manual(s). This booklet will provide technical data until the revision(s) is published.

Effectivity: This service change is applicable to G450 aircraft serial numbers 4001-subsequent.

Effect on Spares: Placard, PN 1159ASC47007-41, is the spares and replacement for the -11, -13 and -23 placard.

Both, Placard, PN 1159ASC47007-41, and holder assembly, PN 1159ASC47007-27, together may be used as spares and replacement for placard assemblies, PN 1159ASC47007 -3, -7 and -19.

Special Equipment/Tools Required: None

Skill Type Required: Knowledge of the G450 cockpit is required for this installation.

Price: Prices are subject to change without notice.
 Installed Price: Installed price is subject to the prevailing labor rate of the installing facility.
 *Kit Price only: Domestic: \$292.00
International: \$297.00

*NOTE: Kit price is for aircraft incorporating Section I only (new installations). The new AFMS required for Section II (aircraft that have previously incorporated ASC 007/007A/007B) will be provided at no charge. To obtain the AFMS, please contact Gulfstream Technical Publications at 1-800-810-GULF (4853).

MODIFICATION INSTRUCTIONS:

CAUTION:	DURING ANY MAINTENANCE PROCEDURE, PROTECT WIRE BUNDLES, CONNECTORS AND SURROUNDING STRUCTURE FROM SHAVINGS, DEBRIS AND CONTAMINATION. MAINTAIN A PROPERLY CLEANED WORK AREA THROUGHOUT THE PROCEDURE TO ENSURE THE INTEGRITY OF THE AFFECTED COMPONENT / SYSTEM. VISUALLY INSPECT WORK AREA USING ADDITIONAL LIGHT AS NECESSARY TO VERIFY ABSENCE OF ANY DEBRIS PRIOR TO COMPLETION OF PROCEDURE. FAILURE TO COMPLY MAY RESULT IN DAMAGE TO COMPONENTS AND / OR SYSTEMS.
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- A. Prepare aircraft for safe maintenance. Refer to AMM, Chapter 20, Aircraft Safe Maintenance Practices.
- B. Aircraft that have not previously incorporated ASC 007/007A/007B, continue to Section I. Aircraft that have previously incorporated ASC 007/007A/007B, proceed to Section II.

SECTION I – NEW INSTALLATIONS

- A. Install holder assembly, PN 1159ASC47007-27, in view of the flight crew. Bond holder assembly using 3M™ VHB™ double-back tape, PN F9473PC.
- B. Insert placard, PN 1159ASC47007-41, in holder assembly.
- C. Insert the appropriate AFMS into the approved Airplane Flight Manual (refer to parts list).

NOTE:	<p>With this ASC incorporated, along with the placard and AFMS, the aircraft must be operated at the reduced maximum landing weight limitation as defined by the AFMS. If operations at standard (Pre ASC) maximum landing weight limitation are desired, the placard shall be removed from the aircraft by maintenance action, including log book entry, and the AFMS shall be removed from the flight manual.</p> <p>The removal and/or reinstallation of the placard and AFMS is an aircraft alteration and must be performed by persons authorized under 14 CFR 43.3 to perform alterations and approved for return to service in accordance with 14 CFR 43.5 and 43.7.</p>
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- D. Ensure work area is clean and clear of foreign objects and debris (FOD).
- E. Record compliance with this ASC in the aircraft's permanent maintenance records and return aircraft to flight status.
- F. Report compliance with this ASC to the Gulfstream Computerized Maintenance Program (CMP) via electronic transmittal, or complete and fax the attached service reply card.

WEIGHT AND BALANCE DATA:	The effect of this change on the aircraft's basic weight and balance is negligible.
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ELECTRICAL LOAD ANALYSIS DATA:	The aircraft electrical loading is not affected by this ASC.
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NOTE:	The below kits are associated with Section I only (new installations). To obtain the new AFMS required for Section II (aircraft that have previously incorporated ASC 007/007A/007B), please contact Gulfstream Technical Publications at 1-800-810-GULF (4853). Refer to Section II.
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PARTS REQUIRED PER AIRCRAFT:	
-1 Kit	G450 aircraft serial number 4001-4200 without ASC 064 and without ASC 016.
-2 Kit	G450 aircraft serial number 4001-4200 without ASC 064 and having ASC 016 (or later approved revision) and.
-3 Kit	G450 aircraft serial number 4001-4200 without ASC 016 and having ASC 064 (or later approved revision), and serial number 4201-subsequent without ASC 016.
-4 Kit	G450 aircraft serial number 4001-4200 having ASC 016 (or later approved revision) and having ASC 064 (or later approved revision), and serial number 4201-subsequent having ASC 016 (or later approved revision).

Item	Part Number	Nomenclature	Qty.				Notes
			-1 Kit	-2 Kit	-3 Kit	-4 Kit	
1.	1159ASC47007-27	Holder Assembly	1	1	1	1	
2.	1159ASC47007-41	Placard	1	1	1	1	
3.	G450-2004-01	Airplane Flight Manual Supplement	1	-	-	-	1, 3
4.	G450-2010-04	Airplane Flight Manual Supplement	-	-	1	-	1, 3
5.	G450-2010-07	Airplane Flight Manual Supplement	-	-	-	1	1, 3
6.	G450-2010-09	Airplane Flight Manual Supplement	-	1	-	-	1
7.	F9473PC	3M™ VHB™ Double Back Tape	A/R	A/R	A/R	A/R	2

NOTE 1:	All drawings, documents and publications will be issued to the latest revision.
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NOTE 2:	All parts having a QTY of "As Required" (A/R) are not provided with this kit.
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NOTE 3:	Must be at Revision 01 or later.
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SECTION II – AIRCRAFT THAT HAVE PREVIOUSLY INCORPORATED ASC 007/007A/007B

NOTE:	<p>There is no parts kit required for aircraft that have previously incorporated ASC 007/007A/007B. To meet the intent of this revision, operators of those aircraft should replace AFMS No. G450-2004-01, dated August 12, 2004, with the appropriate AFMS as follows:</p> <ul style="list-style-type: none"> • G450 aircraft serial number 4001-4200 without ASC 064 and without ASC 016 require AFMS No. G450-2004-01 (Revision 01), dated October 14, 2010, or later FAA approved revision, as a result of this installation. • G450 aircraft serial number 4001-4200 without ASC 064 and having ASC 016 (or later approved revision) require AFMS No. G450-2010-09, dated October 14, 2010, or later FAA approved revision, as a result of this installation. • G450 aircraft serial number 4001-4200 without ASC 016 and having ASC 064 (or later approved revision), and serial number 4201-subsequent without ASC 016 require AFMS No. G450-2010-04 (Revision 01), dated June 20, 2011, or later FAA approved revision, as a result of this installation. • G450 aircraft serial number 4001-4200 having ASC 016 (or later approved revision) and ASC 064 (or later approved revision), and serial number 4201-subsequent having ASC 016 (or later approved revision) require AFMS No. G450-2010-07 (Revision 01), dated June 20, 2011, or later FAA approved revision, as a result of this installation. <p>To obtain the AFMS, please contact Gulfstream Technical Publications at 1-800-810-GULF (4853).</p>
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- A.** Remove AFMS No. G450-2004-01, dated August 12, 2004, from the Airplane Flight Manual and discard.
- B.** Insert the appropriate AFMS into the approved Airplane Flight Manual.

NOTE:	<p>With this ASC incorporated, along with the placard and Airplane Flight Manual Supplement (AFMS), the aircraft must be operated at the reduced maximum landing weight limitation as defined by the AFMS. If operations at standard (Pre ASC) maximum landing weight limitation are desired, the placard shall be removed from the aircraft by maintenance action, including log book entry, and the AFMS shall be removed from the flight manual.</p> <p>The removal and/or reinstallation of the placard and flight manual supplement is an aircraft alteration and must be performed by persons authorized under 14 CFR 43.3 to perform alterations and approved for return to service in accordance with 14 CFR 43.5 and 43.7.</p>
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- C. Record compliance with this ASC in the aircraft's permanent maintenance records and return aircraft to flight status.
- D. Report compliance with this ASC to the Gulfstream Computerized Maintenance Program (CMP) via electronic transmittal, or complete and fax the attached service reply card.

WEIGHT AND BALANCE DATA:	The effect of this change on the aircraft's basic weight and balance is negligible.
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ELECTRICAL LOAD ANALYSIS DATA:	The aircraft electrical loading is not affected by this ASC.
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SERVICE REPLY CARD

PLEASE FAX THIS PAGE TO GULFSTREAM AEROSPACE CMP
AT 912-963-0265 OR 800-944-1775.

THE FOLLOWING AIRCRAFT SERVICE CHANGE REVISION HAS BEEN COMPLIED WITH:

ASC NUMBER	AIRCRAFT TYPE	A/C	COMPLIANCE DATE
970073	G450		

AIRCRAFT HOURS: _____ LANDINGS: _____

PREVIOUSLY COMPLIED WITH (PCW): _____ DATE: _____

NOT APPLICABLE: _____ DATE: _____

COMPONENT		PART NUMBER	SERIAL NUMBER	CMP CODE
	OFF:			
	ON:			
	OFF:			
	ON:			

SIGNATURE	TITLE / CERTIFICATE NUMBER	COMPANY

COMMENTS / SUGGESTIONS / ACTIONS TAKEN:

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