

GULFSTREAM AEROSPACE
G650ER AIRPLANE FLIGHT MANUAL
SUPPLEMENT NO. G650ER-2018-01

Gulfstream Aerospace Corporation Supplement No. G650ER-2018-01
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FAA APPROVED
AIRPLANE FLIGHT MANUAL
SUPPLEMENT FOR
GULFSTREAM MODEL G650ER

REGISTRATION NUMBER: _____

SERIAL NUMBER: _____

This Supplement must be attached to the FAA Approved GVI (G650ER) Airplane Flight Manual, dated October 02, 2014, for G650ER airplanes Serial Number (SN) 6001 and subsequent.

The information contained herein supplements or supersedes the information of the basic Airplane Flight Manual. For Limitations, Normal Procedures, Abnormal Procedures, Emergency Procedures and Performance information not contained in this supplement, consult the basic Airplane Flight Manual.

FAA APPROVED: _____

Daun M. Ogels

for Robert Glasscock
ODA Lead Administrator
ODA-511131-CE

DATE: August 14, 2018

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LOG OF REVISIONS

Revision Number	Affected Pages	Description of Revision

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SECTION 0 PREFACE

Introduction / General

This Airplane Flight Manual Supplement provides the flight deck information and instructions for all Gulfstream GVI (G650ER) aircraft when a blue **FCS Maintenance Required** CAS message displays with the airplane on the ground.

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SECTION 1 LIMITATIONS

No change to the Airplane Flight Manual.

SECTION 2 NORMAL PROCEDURES

02-03-20: Before Starting Engines

After step 71 and accompanying NOTE, add step 71.1 and **WARNING** to read:

71.1. FCS MAINTENANCE REQUIRED Blue CAS Message.....
.....**VERIFY NOT DISPLAYED**

WARNING

FCS MAINTENANCE REQUIRED BLUE CAS
MESSAGE MAY BE CAUSED BY AN REU
COMMUNICATIONS FAILURE. FCS MAINTENANCE
REQUIRED CAS MESSAGE CORRECTIVE ACTION
MUST BE PERFORMED PRIOR TO TAKEOFF.

02-03-30: Before Starting Engines - Thruflight

After step 32, add step 32.1 and **WARNING** to read:

32.1. FCS MAINTENANCE REQUIRED Blue CAS Message.....
.....**VERIFY NOT DISPLAYED**

WARNING

FCS MAINTENANCE REQUIRED BLUE CAS
MESSAGE MAY BE CAUSED BY AN REU
COMMUNICATIONS FAILURE. FCS MAINTENANCE
REQUIRED CAS MESSAGE CORRECTIVE ACTION
MUST BE PERFORMED PRIOR TO TAKEOFF.

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SECTION 3 ABNORMAL PROCEDURES

03-26-10: Crew Alerting System (CAS) Advisory Messages and Procedures

Revise Possible Cause(s) and Corrective Action columns for blue **FCS Maintenance Required** CAS message to read:

CAS MESSAGE	POSSIBLE CAUSE(S)	CORRECTIVE ACTION
FCS Maintenance Required	Flight Control System maintenance is required OR REU communications failure.	<p>If in flight:</p> <ul style="list-style-type: none"> (1) Autopilot – OFF. (2) FLT CTRL RESET – PRESS (3) Flight – Continue, re-engage autopilot (if desired). <p>If message does not extinguish:</p> <ul style="list-style-type: none"> (4) After landing, perform "If on ground" procedure below. <p>WARNING: PULLING FLIGHT CONTROL CIRCUIT BREAKERS IN FLIGHT IS PROHIBITED AND CAN RESULT IN LOSS OF AIRPLANE CONTROL.</p> <p>If on ground:</p> <ul style="list-style-type: none"> (1) IRSs – CONFIRM ALIGNED (2) FLT CTRL RESET – PRESS <p>If message does not extinguish:</p> <ul style="list-style-type: none"> (3) FCC 1A circuit breaker (REER, A-1) – PULL AND OBSERVE CAS MESSAGE (4) If CAS message reverts to amber FCS Maintenance Required – TAKEOFF IS PROHIBITED (5) If CAS message remains blue: <ul style="list-style-type: none"> (a) FCC 1A circuit breaker (REER, A-1) – RESET (b) FLT CTRL RESET – PRESS (c) Log for maintenance action and dispatch with reference to MEL.

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SECTION 4 EMERGENCY PROCEDURES

No change to the Airplane Flight Manual.

SECTION 5 PERFORMANCE

No change to the Airplane Flight Manual.