



## SUPPLEMENTAL TYPE CERTIFICATE

**10035081**

This Supplemental Type Certificate is issued by EASA, acting in accordance with Regulation (EC) No. 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation and in accordance with

### **STC ACQUISITION, LLC**

**3415 UNIVERSITY AVENUE  
ST PAUL MN 55114-1019  
USA**

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and environmental protection requirements when operated within the conditions and limitations specified below:

**Original Product TC Number : EASA.IM.A.070**

**TC Holder : GULFSTREAM AEROSPACE CORP.**

**Model : G-1159 (GULFSTREAM II)**

**Model : G-1159A (GULFSTREAM III)**

**Model : G-1159B (GULFSTREAM IIB)**

**Original STC Number : FAA STC ST01567LA**

#### **Description of Design Change:**

Installation of a pylon mounted ejector system with new design thrust reversers, to show compliance with ICAO Annex 16, Volume 1, Amendment 9, Chapter 3 noise requirements.

#### **EASA Certification Basis:**

The Certification Basis for the original product remains applicable to this certificate/ approval.

CAR 4b and FAR 25 and FAA Issue Paper P-1 as defined in FAA STC ST01567LA.

This certificate/ approval involves a change to the requirements for environmental protection and/or a change to the certificated noise and/ or emission levels.

ICAO Annex 16, Volume 1, Amendment 9, Chapter 3

See Continuation Sheet(s)

**For the European Aviation Safety Agency,**

**Date of issue: 24.05.2011**

**Florentino BASCUNANA**  
Project Certification Manager  
Large Aeroplanes

#### **Note:**

The following numbers are listed on the certificate:

EASA current Project Number: 0010006987-001

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EASA Form 91, Issue 4 – 24/09/2010



**Associated Technical Documentation:**

Installation in accordance with Master Drawing List ref A&C-00-00-051 Rev N, dated 17 March, 2005.  
Operation in accordance with Aircraft Flight Manual Supplement ref A&C-01-00-270, dated 16 May, 2005 for model G-1159 (Gulfstream II)  
Operation in accordance with Aircraft Flight Manual Supplement ref A&C-01-00-271, dated 16 May, 2005 for model G-1159A (Gulfstream III)  
Operation in accordance with Aircraft Flight Manual Supplement ref A&C-01-00-272, dated 16 May, 2005 for model G-1159B (Gulfstream IIB)  
Maintain in accordance with Instructions for Continued Airworthiness for the Stage III Hushkit with Thrust Reverser, A&C-01-00-251, Issue 2, dated 26 April 2005.  
G-II Maintenance Manual Supplement for Stage III Hushkit, A&C-01-02-081.  
G-II, IIB, III Maintenance Manual Supplement for Stage III Thrust Reverser, A&C-01-00-252.  
Structural Repair Manual for Stage III Hushkit with Thrust Reverser, A&C-01-02-265.  
or later revisions of the above listed documents approved by EASA in accordance with EASA ED Decision 2004/04/CF (or subsequent revisions of this decision).

**Limitations:**

Model G-1159, (Gulfstream II)

- 1) Aircraft without Aircraft Service Change (ASC) 81, #62,500 Pound Increased Gross Weight Modifications, or those with a Maximum (ramp) weight less than 62,500 lb are not eligible for this modification.
- 2) Aircraft with ASC 200, #Fuel Tip Tanks – Installation off<sup>1</sup> are not eligible for this modification.
- 3) Aviation Partners, Inc FAA STC No SA5964NM (Winglets) is required as part of this installation.
- 4) It is the installers' responsibility to ensure STC SA5964NM (Winglets) has EASA approval prior to their installation.

**Conditions:**

Prior to installation of this modification it must be determined that the interrelationship between this modification and any other previously installed modification and/ or repair will introduce no adverse effect upon the airworthiness of the product.

- end -

Note:

The following numbers are listed on the certificate:  
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