

# Gulfstream

A General Dynamics Company

Our ref: PMA/08025/BM  
Date: December 18, 2007

To: Bill Bennett  
Nordam Group, Nacelle/Thrust Reverser Systems Division  
6911 N. Whirlpool Drive  
Tulsa, OK 74117

Ref: FAA PART MANUFACTURER APPROVAL

Enclosed please find a completed FAA Part Manufacturer Approval Form PMA/08025/BM issued by Gulfstream Aerospace LP. This form authorizes Nordam Group for FAA PMA Approval on those parts listed in column 1. All parts manufactured under this approval are to be in accordance with Israel Aircraft Industries (IAI) or General Dynamics Aircraft Services (GDAS)/Gulfstream Aerospace Corporation (GAC) Purchase Order Requirements. Sales to third parties are not authorized. Please indicate your acceptance in the signature block below and fax to Gulfstream Aerospace PMA Manager, Jim Young at (214) 902-7796.

Best Regards,

  
Baruch Marom  
Airworthiness & Certification Manager  
Gulfstream Aerospace LP (Israel)

Accepted By: Don Vavra  
DON VAVRA  
Date: 9/62/08

Title: DIRECTOR QUALITY

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GULFSTREAM AEROSPACE LP  
C/o IAI Dept. 4199  
Ben Gurion International Airport 70100, Israel  
Tel: 972-3-9356624, Fax: 972-3-9356750

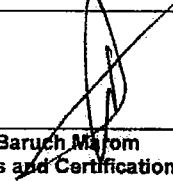
# Gulfstream

A General Dynamics Company

## FAA PART MANUFACTURER APPROVAL

<b>To: Bill Bennett</b> <b>Nordam Group, Nacelle/Thrust Reverser</b> <b>Systems Division</b> <b>6911 N. Whirlpool Drive</b> <b>Tulsa, OK 74117</b>	<b>Date: December 18, 2007</b>  <b>File No: PMA/08025/BM</b>
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Vendor P/N	T/C Holder P/N	Nomenclature	Design Data Approval	Model Eligibility
AS7830101-1 Drawing: AS7830100 Revision: A Sub Revision 13 Dated: 09/23/2005	AS7830101-1	Thrust Reverser Assy. – TR5040AS-LH	A16NM	Gulfstream G150
AS7830101-2 Drawing: AS7830100 Revision: A Sub Revision 13 Dated: 09/23/2005	AS7830101-2	Thrust Reverser Assy. – TR5040AS-RH	A16NM	Gulfstream G150
AS7831101-1 Drawing: AS7830100 Revision: A Sub Revision 13 Dated: 09/23/2005	AS7831101-1	After Body Fixed – LH	A16NM	Gulfstream G150
AS7831101-2 Drawing: AS7830100 Revision: A Sub Revision 13 Dated: 09/23/2005	AS7831101-2	After Body Fixed – RH	A16NM	Gulfstream G150
AS7830000 Drawing: AS7830000 Revision: B Sub Revision 11 Dated: 05/04/2005	AS7830000	Thrust Reverser Kit	A16NM	Astra SPX Gulfstream 100 Gulfstream G150

<p>IT IS HEREBY CERTIFIED THAT THE COMPONENTS LISTED HEREIN ARE INCLUDED AS A PART OF THE APPROVED DESIGN DATA FOR MODELS AS SPECIFIED IN COLUMN (5) HEREIN.</p> <p>THE ABOVE NAMED SUPPLIER IS HEREBY AUTHORIZED TO USE THE APPROVED TYPE DESIGN DATA NOTED IN COLUMN (4) HEREIN TO MANUFACTURE SUCH COMPONENTS AND USE THIS CERTIFICATION TO OBTAIN FAA PMA (FEDERAL AVIATION REGULATION 21.303)</p>	<p>APPROVED:</p>  <p>Baruch Majum Airworthiness and Certification Manager</p>
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THE DESIGN CHANGES TO THE PARTS LISTED ABOVE AND THE DISPOSITION OF NON-CONFORMING PARTS SHALL BE CONTROLLED THROUGH THE TC HOLDER'S (GALP) OPERATING PROCEDURES WHICH REQUIRE CAAI APPROVAL AND THUS BECOMES VISIBLE TO THE FAA UNDER FAR 21.29 ARRANGEMENTS.

GULFSTREAM AEROSPACE LP  
 C/o IAI Dept. 4199  
 Ben Gurion International Airport 70100, Israel  
 Tel: 972-3-9356624, Fax: 972-3-9356750



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

Southwest Region  
Arkansas, Louisiana,  
New Mexico, Oklahoma,  
Texas

Oklahoma City Manufacturing  
Inspection District Office, SW-MIDO-41  
5909 Philip J Rhodes Ave., Ste 206  
Bethany, Oklahoma 73008

January 31, 2008

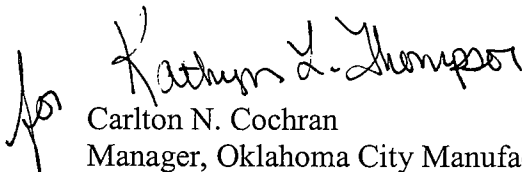
Mr. Don Vavra  
Director Quality  
The NORDAM Group, Inc.  
Nacelle/Thrust Reverser Systems Division  
6911 N. Whirlpool Drive  
Tulsa, Oklahoma 74117

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR), Part 21, Certification Procedures for Products and Parts, subpart K, the Federal Aviation Administration (FAA) has found that the design data, based on a licensing agreement submitted by Gulfstream Aerospace LP, with letter dated January 23, 2008, meets the airworthiness requirements of the regulations applicable to the products on which the parts are to be installed. Additionally, the FAA has determined that NTRSD, has established the fabrication inspection system required by § 21.303(h) at 6911 N. Whirlpool Drive, Tulsa, Oklahoma 74117. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 13.

You are reminded that the provisions of 14 CFR, Parts 21 and 45, noted in our PMA letter of approval dated January 28, 2000, also apply to the enclosed PMA Listing Supplement No. 13. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,



Carlton N. Cochran  
Manager, Oklahoma City Manufacturing  
Inspection District Office

Enclosure  
PMA Listing-Supplement No. 13



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

Southwest Region  
Arkansas, Louisiana,  
New Mexico, Oklahoma,  
Texas

Oklahoma City Manufacturing  
Inspection District Office, SW-MIDO-41  
5909 Philip J Rhodes Ave., Ste 206  
Bethany, Oklahoma 73008

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

**The NORDAM Group, Inc.  
NACELLE THRUST REVERSER SYSTEMS DIVISION  
6911 N. Whirlpool Drive  
Tulsa, OK 74117**

**PMA No. PQ0911  
Supplement No. 13  
Revision No.  
Date: January 31, 2008**

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement for Part Number</u>	<u>Approval Basis and Approved Design Data</u>	<u>Make Eligibility</u>	<u>Model Eligibility</u>
Thrust Reverser Assy. – TR5040AS-LH	AS7830101-1	AS7830101-1	Identity per 14 CFR § 21.303, and licensing agreement between The NORDAM Group, Inc., Nacelle Thrust Reverser Systems Division and Gulfstream Aerospace LP, File no. PMA/08025/BM dated 18 Dec 2007 Drawing: AS7830100 Revision: A Sub Revision 13 Dated: 09/23/2005 or later FAA approved revisions	Gulfstream Aerospace LP	Gulfstream G150
Thrust Reverser Assy. – TR5040AS-RH	AS7830101-2	AS7830101-2	Identity per 14 CFR § 21.303, and licensing agreement between The NORDAM Group, Inc., Nacelle Thrust Reverser Systems Division and Gulfstream Aerospace LP, File no. PMA/08025/BM dated 18 Dec 2007 Drawing: AS7830100 Revision: A Sub Revision 13 Dated: 09/23/2005 or later FAA approved revisions	Gulfstream Aerospace LP	Gulfstream G150
After Body Fixed – LH	AS7831101-1	AS7831101-1	Identity per 14 CFR § 21.303, and licensing agreement between The NORDAM Group, Inc., Nacelle Thrust Reverser Systems Division and Gulfstream Aerospace LP, File no. PMA/08025/BM dated 18 Dec 2007 Drawing: AS7830100 Revision: A Sub Revision 13 Dated: 09/23/2005 or later FAA approved revisions	Gulfstream Aerospace LP	Gulfstream G150

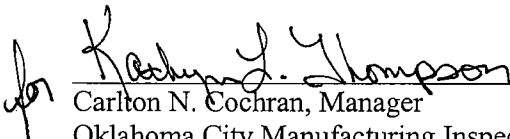
The NORDAM Group, Inc.  
 NACELLE THRUST REVERSER SYSTEMS DIVISION  
 6911 N. Whirlpool Drive  
 Tulsa, OK 74117

PMA No. PQ0911  
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<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement for Part Number</u>	<u>Approval Basis and Approved Design Data</u>	<u>Make Eligibility</u>	<u>Model Eligibility</u>
After Body Fixed – RH	AS7831101-2	AS7831101-2	Identity per 14 CFR § 21.303, and licensing agreement between The NORDAM Group, Inc., Nacelle Thrust Reverser Systems Division and Gulfstream Aerospace LP, File no. PMA/08025/BM dated 18 Dec 2007 Drawing: AS7830100 Revision: A Sub Revision 13 Dated: 09/23/2005 or later FAA approved revisions	Gulfstream Aerospace LP	Gulfstream G150
Thrust Reverser Kit	AS7830000	AS7830000	Identity per 14 CFR § 21.303, and licensing agreement between The NORDAM Group, Inc., Nacelle Thrust Reverser Systems Division and Gulfstream Aerospace LP, File no. PMA/08025/BM dated 18 Dec 2007 Drawing: AS7830000 Revision: B Sub Revision 11 Dated: 05/04/2005 or later FAA approved revisions	Gulfstream Aerospace LP	Astra SPX Gulfstream G150 Gulfstream 100

----- End of Listing -----

**NOTE:** The procedures that have been accepted by the type certificate or TSO authorization holder and their cognizant FAA Aircraft Certification Office, for minor changes to original parts used on type-certificated products, are also acceptable for incorporating the same minor changes on identical PMA replacement parts. The PMA holder must be able to show traceability relating to the TC, STC or TSO authorization holder on all minor changes incorporated by this procedure. When these procedures are no longer applicable because of completion of the production contract, or termination of the licensing agreement or business relationship, all subsequent minor design changes to the PMA parts must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR §§ 21.93 and 21.97) to drawings and specifications are to be handled in the same manner as that for an original PMA.

  
 Carlton N. Cochran, Manager  
 Oklahoma City Manufacturing Inspection  
 District Office, SW-MIDO-41

This Supplement is an attachment to your FAA-PMA approval letter dated: January 28, 2000