

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number **ST9214SC-D**

This Certificate issued to L-3 Communications Integrated Systems, L.P.
10001 Jack Finney Blvd.
Greenville, TX 75402

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.*

Original Product Type Certificate Number: A16WE

***SEE PAGE 3**

Make: Boeing

Model: 737-700IGW

Description of Type Design Change: Installation of a Self Protection System including a Large Aircraft Infrared Counter Measure (LAIRCM) System, the passive RADAR Warning Receiver (RWR) System and the Countermeasure Dispenser System (CMDS). The Type Design Change is defined in accordance with (1) L-3 Communications Systems Integrated Systems, L. P. Sealed Drawing List SDL 8561-1, Revision A, dated 07 May 2008, (2) L-3 Airplane Flight Manual Supplement, dated 08 May 2008 or (3) later FAA/DAS approved revisions of (1) and/or (2).

Limitations and Conditions:

1. This approval is limited to only the installation made in the Boeing Model 737, Serial Numbers 36106, 36107 and 36108 aircraft and is valid only as long as the aircraft are operated for governmental use or as a Head of State aircraft.
2. The FAA certification of this installation is limited to the evaluation of the Self Protection System installation's effects on the safe operation of the aircraft.

(Limitations and Conditions continued on page 3 of 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: 28 February 2007

Date reissued:

Date of issuance: 08 May 2008

Date amended:

By direction of the Administrator



R. C. Moore (Signature)

FAA DAS Administrator, Alternate, DAS-750173-SW
(Title)

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Supplemental Type Certificate

(Continuation Sheet)

Number **ST9214SC-D**

Date of Issuance: **08 May 2008**

Limitations and Conditions: (Continued)

3. The FAA certification does not connote FAA endorsement of the deployment of anti-missile pyrotechnic devices (flares) or the effectiveness of the equipment in countering a missile threat.
4. Instructions for Continued Airworthiness (ICA), L-3 Communications Integrated Systems, Greenville Document No. G8561.28.08 Revision NC, dated 07 May 2008, or later FAA accepted revision must be made available to the operator at the time of installation.
5. This STC may not be installed after June 7, 2010 unless compliance to § 26.11(c) has been shown by this date.
6. The installer must determine whether this design change is compatible with previously approved modifications.
7. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, the certification basis for the Boeing 737-700IGW aircraft is as follows:

- a. The type certification basis for Boeing 737-700IGW series airplanes is shown on TCDS A16WE for parts **not changed or not affected** by the change.
- b. The certification basis for parts **changed or affected** by the change since the reference date of application, 28 February 2007, is as shown in TCDS A16WE with the exception of the following paragraphs:
 - 14 CFR 25.571(a) & (d) Amendment 72
 - 14 CFR 25.571(b) Amendment 86
 - 14 CFR 25.571(e)(1) Amendment 96
 - 14 CFR 25.981(a) Amendment 102
 - 14 CFR 25.856(a) Amendment 111
 - 14 CFR 26.11(e)

-----END-----

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number _____

to *(Name of transferee)* _____

(Address of transferee) _____
(Number and street)

(City, State, and Zip code)

from *(Name of grantor)* *(Print or type)* _____

(Address of grantor) _____
(Number and street)

(City, State and Zip code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor *(In ink)*: _____