

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

Number SA5014SW-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: A20WE

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Make: Boeing

Model: 747-3G1

Description of Type Design Change: Installation of a Mission Communication System utilizing E-Systems developed L-band satellite antenna with automatic tracking and integrated with the E-Systems airborne INMARSAT terminal to provide world-wide communication capabilities through the use of satellites, high frequency and VHF/UHF radio circuits and including capabilities for: Secure telex/voice; access to mobile telephone service; communication with FM maritime users; medical data transmission; slow-scan color television picture transmission via satellite; on-aircraft intercommunication; and connection to ground telephone systems in accordance with E-Systems Sealed Drawing List SDL 6067-1 Revision D dated 24 January 1986, or later FAA approved revision. FAA approved Airplane Flight Manual Supplement dated February 13, 1986, is required.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.
3. This approval is limited to Boeing Model 747-3G1, Serial No. 23070 and requires the installation of Supplemental Type Certificate SA3572SW.
4. When installed, airplanes with this STC are limited to operations excluding those of an Air Carrier. Specifically, no operations under 14 CFR 121, 14 CFR 129 or any foreign Air Carrier are permitted.

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: 27 October 1983

Date reissued: July 29, 2002

Date of issuance: 13 February 1986

Date amended: March 22, 2013 – Amdt 1



By direction of the Administrator

(Signature)

Michael E. Hopper
ODA-750173-SW Administrator, Alternate
(Title)

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)*: _____