

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

*Number* SA5027SW-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

*Make:* Boeing

*Model:* 747SP

*Description of Type Design Change:* Installation of an integrated system capable of simultaneous communication on multiple channels utilizing: E-SAT 200A Aeronautical Satellite Comm Group, HF Comm Group, VHF AM/FM Comm. Group, UHF AM/FM Comm Group, VHF MTS/IMTS Comm Group, UHF FM MTS Comm Group, Executive Telephone Group, Teletype Comm Group and an associated Equipment Group consisting of voice/teletype privacy and facsimile equipment, in accordance with E-Systems Sealed Drawing List SDL 6090-1, Rev. H dated 23 April 1992 or later FAA approved data.

*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. 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:* 19 March 1987

*Date reissued:* July 29, 2002

*Date of issuance:* 24 June 1989

*Date amended:* Amend. 1, 17 November 1990;  
Amend. 2, 5 May 1992; Amend. 3, 22 March 2013

*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.

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## 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)*: \_\_\_\_\_