United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number ST00167MC

This certificate, issued to

The Boeing Company
6001 S. Air Depot Blvd
Oklahoma City, OK 73135

certifies that the change in the type design for the following product with the limitations and conditions as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations. (See Page 3 of 3 Continuation Sheet)

Original Product--Type Certificate Number: A20WE
Make: Boeing
Model: 747-2G4B

Description of Type Design Change: Installation of VHF-2100E VHF Communications Transceivers in accordance with Boeing Master Drawing List document number D519-61268, Revision B, dated 2019-01-25 or later FAA approved revisions.

Limitations and Conditions: (See Page 3 of 3 Continuation Sheets)

1. This STC shall not be incorporated in any aircraft of this specific model on which other approved modifications are incorporated, unless the installer determines that the interrelationship between this change and any of those previously incorporated approved modification will not introduce any adverse effect upon the airworthiness of the airplane.
2. If the holder agrees to permit another person to use the certificate to alter the product, the holder shall give the other person written evidence of that permission.

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	October 4, 2017	Date reissued	
Date of Issuance	February 5, 2019	Date Amended	

By Direction of the Administrator

(Signature)

Catherine A. Plotkin

ODA-501296-CE Administrator

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.

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):*

_____

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.

United States of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate
(Continuation Sheet)

Number ST00167MC

Certification Basis (continued from page 1):

1. As defined in Type Certificate Data Sheet No. A20WE and STC SA2119CE-D.
2. Compliance to later amendment levels has been found to the following regulations:

   14 CFR Part 25.1309 [25-41]
   14 CFR Part 25.1316 [25-134]
   14 CFR Part 25.1317 [25-122]

Limitations and Conditions (continued from page 1):

3. This STC approval is for the existing configuration as defined by the approved drawing list and later FAA approved minor change which have been reviewed and approved by the appropriate ODA-501296-CE staff members.
4. Follow on Installation of this STC modification must be accomplished at a Boeing FAA Repair Station utilizing Boeing Planning Paper as Installation Instructions or at non-Boeing repair stations with installation instructions documentation. FAA approved changes to this STC may be installed at locations other than a Boeing FAA Repair Station if the changes are prepared in the form of kit engineering and include adequate installation instructions
5. Instructions for Continued Airworthiness as documented in the Boeing Document D519-61271, Revision New or later FAA accepted revision is required.

February 5, 2019
END

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.

 This certificate may be transferred in accordance with FAR 21.47.