

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

Number **ST00094MC**

This certificate issued to:

Honeywell International Inc.
23500 W. 105th Street
Olathe, KS 66062

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

Original Product - Type Certificate Number: A20WE
Make: BOEING
Model: 747-200B Series

Description of Type Design Change:

Installation of the Honeywell TPA-100B TCAS II Change 7.1 Processor in accordance with Honeywell Master Drawing List 756-0248-001, revision -, dated February 8, 2013 or later FAA approved revision.

Limitations and Conditions:

- 1) Instructions for Continued Airworthiness, contained in Honeywell Document 756-0248-800, revision A, or later FAA accepted revision, must be made available to the operator at the time of installation.
- 2) Airplane Flight Manual Supplement, Honeywell part number 756-0248-810, Revision -, dated February 8, 2013, or later FAA approved revision, is required for the operation of the aircraft.
- 3) This approval is dependent upon installation of the CAS-81 TCAS II and TRA-67A ATC System in accordance with STC No. ST00903AT and installation of the Raytheon Identification Friend or Foe (IFF) Mode S Transponder System in accordance with STC No. ST01350AT.
- 4) The installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configurations will not introduce any adverse effect upon the airworthiness of the aircraft.
- 5) 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.

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: September 13, 2012

Date reissued:

Date of issuance: February 8, 2013

Date amended:

By direction of the Administrator



(Signature)

Richard B. Sleight

ODA Administrator, ODA-602216-NM

(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):* _____

Supplemental Type Certificate (Continuation Sheet)

Number ST00094MC

Date of Issuance: February 8, 2013

Date Reissued:

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this change is as follows:

- a. The type certification basis for parts **not changed** or **not affected** by this change is shown on TCDS A20WE.
- b. The certification basis for parts changed or affected by this change since the date of application, September 13, 2012, is determined to be:

Regulations at the latest amendment

Section	Amdt.	Section	Amdt.
25.1431 (a) (c) (d)	25-113	25.1581 (a)(1)(2) (b)	25-72
25.1529	25-54	25.1585 (a)	25-105

Regulations at an intermediate amendment

Section	Amdt.	Section	Amdt.
25.1309 (b)(1)(2) (c) (d)(1)(2)(3)(4) (g)	25-41	25.1353 (a)	25-113

Regulations at the amendment level on TCDS A20WE

Section	Amdt.	Section	Amdt.
25.301 (a) (b) (c)	25-23	25.601	-
25.303	25-23	25.1301 (a) (b) (c) (d)	-
25.305 (a) (b)(1)(2)(3) (c) (d)	25-23	25.1322 (a) (b) (c) (d)	25-38
25.307 (a)	25-23	25.1357 (a) (c)	-
25.337 (a) (b) (c)(1)(2)	25-23	26.11 (c)	-
25.341 (a)(1)(2)(3) (c)	-		

-- END --