



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number: ST01618WI-D

This certificate issued to: Honeywell International Inc.  
23500 W 105th Street  
Olathe, KS 66061

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:

Make: Boeing

T00001SE

Model:

777-200 Series, 777-300 Series, 777-300ER Series, 777-200LR Series and 777F Series

Description of Type Design Change:

For Aircraft installed prior to September 5, 2014:

Installation of a Honeywell Enhanced Ground Proximity Warning Computer (EGPWC) and Activation of the Smart Runway/Smart Landing Features in accordance with Honeywell Master Drawing List 756-0235-001, revision C, dated February 14, 2011 or later FAA approved revision.

Airplane Flight Manual Supplement, Honeywell part number 756-0235-810, revision -, dated February 17, 2011, or later FAA approved revision, is required for the operation of the aircraft.

Limitations and Conditions:

- 1) The installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse affect on the airworthiness of the aircraft.
- 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.

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

Date of Application: June 23, 2010

Date Reissued:

Date of Issuance: February 17, 2011

Date Amended:

September 5, 2014

*By Direction of the Administrator*

Signature \_\_\_\_\_

Title Richard B. Sleigh

ODA Administrator, ODA-602216-NM

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification 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 and address of transferee)

**From** (Name and address of grantor)

Extent of Authority (if licensing agreement):

*Date of transfer:*

*Signature of grantor:* \_\_\_\_\_

---

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).

---



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

(Continuation Sheet)

Number: ST01618WI-D

Description of Type Design Change: (cont.)

Instructions for Continued Airworthiness, Honeywell part number 756-0235-800, revision -, dated February 7, 2011 or later FAA accepted revision must be made available to the operator at the time of installation.

For aircraft installed on or after September 5, 2014:

Installation of the Honeywell EGPWC and Activation of Runway Awareness and Advisory System features in accordance with Honeywell Master Drawing List 756-0251-001, revision -, dated September 4, 2014, or later FAA approved revision.

Airplane Flight Manual Supplement, Honeywell part number 756-0251-810, revision -, dated August 5, 2014, or later FAA approved revision, or Airplane Flight Manual Supplement, Honeywell part number 756-0251-811 revision -, dated August 5, 2014, or later FAA approved revision, as appropriate for the installation, is required for the operation of the aircraft.

Instructions for Continued Airworthiness, Honeywell part number 756-0251-800, revision A, dated July 29, 2014, or later FAA accepted revision, or Instructions for Continued Airworthiness, Honeywell part number 756-0251-801, revision A, dated July 29, 2014, or later FAA accepted revision or Instructions for Continued Airworthiness, Honeywell part number 756-0251-802, revision A, dated July 29, 2014, or later FAA accepted revision, as appropriate for the installation, must be made available to the operator at the time of installation.

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 T00001SE, revision 35 dated July 8, 2014, which incorporated 14 CFR Part 26.

b. The certification basis for parts changed or affected by this change since the date of application, June 23, 2010 is determined to be:

Regulations at the latest amendment

25.1431 (a) (c) Amdt. 25-113; 25.1585 (a) Amdt. 25-105;

Regulations at an intermediate amendment

None

Regulations at the amendment level on TCDS T00001SE, revision 35, dated July 8 2014

25.601 Amdt. 25-0; 25.603 (a) (b) Amdt. 25-46; 25.605 (a) Amdt. 25-46; 25.609 (a)(1)(2)(3) (b) Amdt. 25-0; 25.611 Amdt. 25-23; 25.771 (a) Amdt. 25-4; 25.773 (a)(2) Amdt. 25-108; 25.853 (a) Amdt. 25-116; 25.869 (a)(4) Amdt. 25-72; 25.1301 (a) (b) (c) (d) Amdt. 25-0; 25.1309 (b)(1)(2) (c) (d)(1)(2)(3)(4) (g) Amdt. 25-41; 25.1322 (a) (b) (c) (d) Amdt. 25-38; 25.1381 (a)(1)(2)(i)(ii) (b) Amdt. 25-72; 25.1529 Amdt. 25-54; 25.1581 (a) (b) Amdt. 25-72; 26.11 (a)(1)(2) (c)(1)(2) (d)(5) Amdt. 25-0; 26.47 (a) (c)(1)(2)(3) Amdt.26-1.

----- 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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).