

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

Number ST03438CH

This certificate issued to CertifyNation, LLC
N53 W24747 South Corporate Circle
Sussex, WI 53089

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations. (See Page 3 of 3 for complete certification basis).

Original Product - Type Certificate Number : T00001SE
Make : The Boeing Company
Model : 777-200 Series; 777-200LR Series; 777-300 Series;
777-300ER Series; 777F Series

Description of Type Design Change:

Activation of Smart Runway and Smart Landing (SRSL) RAAS Functions for Honeywell Mark V-A Enhanced Ground Proximity Warning Systems (EGPWS) in accordance with CertifyNation Master Data List, Doc. No. CN14-026MDL-00, Revision 1, dated March 26, 2015, or later FAA approved revision.

Limitations and Conditions:

- 1) Compatibility of this design change with previously approved modifications must be determined by the installer.
- 2) FAA Approved Airplane Flight Manual Supplement as identified in CertifyNation Master Data List, Doc. No. CN14-026MDL-00, Revision 1, dated March 26, 2015, or later FAA approved revision, is required on board the modified aircraft.
- 3) If the holder agrees to permit another person to use this certificate to alter a product, the holder must 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 12, 2014

Date reissued: December 12, 2016

Date of issuance: April 1, 2015

Date amended:



By direction of the Administrator

Steven L. Lardinois
(Signature)

Steven L. Lardinois
Manager, Systems and Flight Test Branch
Chicago Aircraft Certification Office

(Title)

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

Number ST03438CH

Date of issuance : April 1, 2015
Date reissued : December 12, 2016

Certification Basis:

The certification basis for the changed Boeing 777-200/-200LR/-300/-300ER Series, 777F Series aircraft as described in this certificate is as follows:

- a. The type certification basis for the Boeing 777-200/-200LR/-300/-300ER Series, 777F Series aircraft is shown on TCDS T00001SE for parts not changed or not affected by this change.
- b. The certification basis for the parts changed or affected by this change since the reference date of application, September 12, 2014, is shown on TCDS T00001SE. In addition, the applicant has complied with 14 CFR Part 25 as amended by Amendment 25-117 as specified by the sections listed below and 14 CFR Part 26 amended by Amendment 26-1.

Regulations as shown on TCDS A28NM [Amendment 25-0 through 25-117]

25.29(a)(b), 25.301(a)(b), 25.303, 25.305(a)(b), 25.307(a), 25.601, 25.603(a)-(c), 25.605(a), 25.609(a)(b), 25.611, 25.613(a)(b), 25.619(a)-(c), 25.625(a), 25.789(a), 25.853(a), 25.869(a)(4), 25.1301(a)-(d), 25.1309(a)-(g), 25.1321(e), 25.1322(b)-(d), 25.1351(a), 25.1353(a)(b)(d), 25.1431(a)-(d), 25.1501(a)(b), 25.1529, 25.1581(a)(b)(d), 25.1583(h), 25.1585(a)(b).

14 CFR Part 26 Regulations

Based on 14 CFR § 21.101(g), applicable provisions of 14 CFR Part 26 are included in the certification basis. For any future 14 CFR Part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of the latest amendment date of this STC, compliance has been found for the following regulations: 14 CFR §§ 26.11(c) [Amdt. No. 26-0]; 26.47(c) [Amdt. No. 26-1]. This modification does not affect or create fatigue critical baseline structure.

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