

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

Supplemental Type Certificate

Number ST04040CH

This certificate issued to CertifyNation, LLC
N53 W24747 South Corporate Circle
PO Box 390
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 Sheet 3 for complete certification basis)

Original Product -- Type Certificate Number : A16WE
Make : The Boeing Company
Model : 737-600 Series; 737-700 Series; 737-700C Series; 737-800 Series;
737-900 Series; 737-900ER Series; 737-8; 737-9

Description of Type Design Change:

Activation of Smart Runway and Smart Landing (SRSL) Runway Awareness Advisory System (RAAS) Functions for Honeywell Mark V and Mark V-A Enhanced Ground Proximity Warning Systems (EGPWS) in accordance with CertifyNation Master Data List, Doc. No. CN15-005MDL-00, Revision 7, dated June 15, 2018, or later FAA approved revision.

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. FAA Approved Flight Manual Supplement, CertifyNation Doc. No. CN15-005AFM-01, Revision 4, dated June 19, 2018 or later FAA approved revision is required onboard 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 : July 27, 2015

Date reissued : February 9, 2018

Date of issuance : November 11, 2015

Date amended : December 2, 2016; February 9, 2018;
June 19, 2018



By direction of the Administrator

Brenda L Litchfield
(Signature)

Brenda L. Litchfield
ODA Administrator
Envoy Aerospace, LLC ODA-831240-CE

(Title)

United States of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate
(Continuation Sheet)

Number ST04040CH

Date of issuance : November 11, 2015

Date amended : December 2, 2016; February 9, 2018; June 19, 2018

Certification Basis:

The certification basis for the Boeing 737-600 Series, 737-700 Series; 737-700C Series, 737-800 Series, 737-900 Series, 737-900ER Series, 737-8 and 737-9 aircraft as described in this certificate is as follows:

- a. The type certification basis for the Boeing 737-600 Series, 737-700 Series; 737-700C Series, 737-800 Series, 737-900 Series, 737-900ER Series, 737-8, and 737-9 is shown on TCDS A16WE for parts not changed or not affected by this change.
- b. The type certification basis for the parts changed or affected by this change since the reference date of application, July 27, 2015, is shown on TCDS A16WE. In addition the applicant has complied with 14 CFR Part 25 as indicated below and 14 CFR 26 amended by Amendment 26-1.

Applicable to Boeing 737-600 Series, 737-700 Series; 737-700C Series, 737-800 Series, 737-900 Series, 737-900ER Series

14 CFR Part 25 Regulations at the TCDS amendment level 25-0 through 25-119

25.29(a), (b); 25.301(a), (b); 25.303; 25.305(a), (b); 25.307(a); 25.601; 25.603(a), (b), (c); 25.605(a); 25.609(a), (b); 25.611; 25.613(a), (b); 25.619(a), (b), (c); 25.625(a); 25.853(a); 25.869(a)(4); 25.981(a)(3); 25.1301(a), (b), (c), (d); 25.1309(b), (c), (d), (g); 25.1321(e); 25.1322(b), (c), (d); 25.1351(a); 25.1353(a), (b), (d); 25.1431(a), (b), (c), (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.

Applicable to Boeing 737-8, 737-9

14 CFR Part 25 Regulations at the TCDS amendment level 25-0 through 25-137

25.29(a), (b); 25.301(a), (b); 25.303; 25.305(a), (b); 25.307(a); 25.601; 25.603(a), (b), (c); 25.605(a); 25.609(a), (b); 25.611; 25.613(a), (b); 25.619(a), (b), (c); 25.625(a); 25.853(a); 25.981(a)(3); 25.1301(a)(1), (a)(2), (a)(3), (a)(4); 25.1309(b), (c), (d), (e); 25.1321(e); 25.1322(a), (b)(1), (c)(1), (b)(2)*, (c)(3)*, (e); 25.1351(a); 25.1353(a); 25.1431(a), (b), (c), (d); 25.1501(a), (b); 25.1529; 25.1581(a), (b), (d); 25.1583(h); 25.1585(a), (b); 25.1701; 25.1703(a); 25.1705(a), (b); 25.1707(a), (b); 25.1711(a), (c), (d), (e); 25.1713(a), (c); 25.1719; 25.1729.

*Note: Refer to TCDS A16WE, Revision 61, for specific Additional Design Requirements and Conditions (ADRC).

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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