



Elizabeth A. Pasztor
ODA Lead Administrator

The Boeing Company
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DEC 18 2019

RA-19-03822

Mr. John Piccola
Manager, AIR-860
BASOO Branch
Department of Transportation
Federal Aviation Administration
2200 S. 216 Street
Des Moines, WA 98198-6547

Dear Mr. Piccola,

Subject: Re-Submittal of CP 23168 Revision P, "737-8 / 737-9 Flight Control Computer Software Replacement (Version P12.1.2)"

Model: 737-8, 737-9

RA Project No.: PS18-0837

EASA Project No.: 0010059715

EASA Level: Non-Basic

Response Requested: January 3, 2020

Expedited Flow: Yes

References:

- (a) Boeing Letter RA-19-02578, "Re-Submittal of CP 23168 Revision M, 737-8 / 737-9 Flight Control Computer Software Replacement (Version P12.1.1)," dated August 22, 2019
- (b) FAA Letter 860-19-0808a, dated October 17, 2019
- (c) Boeing letter RA-19-03191, Re-Submittal of Incremental Update to CP 23168 Revision N, "737-8 / 737-9 Flight Control Computer Software Replacement (Version P12.1.2)", dated October 19, 2019
- (d) FAA letter 860-19-0931, dated November 15, 2019

Special Instructions: Expedited response requested to support P12.1.2 Flight Testing.

This letter is to submit:

Certification Plan: Re-Submittal of Certification Plan 23168 Revision P

Reference (a) submitted Certification Plan 23168 at Revision M. Reference (b) is the FAA response to that revision.

Reference (c) submitted an incremental Certification Plan revision to support the Stall ID TIA and addressed most of the comments received via the reference (b) FAA reply to Revision M. Reference (d) responded to the reference (c) submittal, allowing flight test to go forward on stall identification and providing additional comments.

The enclosed plan incorporates the remaining comments received via references (b) and (d) with the exception of those items below:

(b) (4)





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(b) (4)

(b) (4)

(b) (4) Sections 4, 6, 7, 9, 10. A supplemental letter will be sent to FAA with the EWIS assessment for TIA.

To aid in the review of the Subject certification plan, a comparison file, showing the differences between the previous revision N of the plan and the new revision P is provided as Enclosure B.

This letter is being sent for:

Regulatory Review and Concurrence: Boeing is seeking FAA concurrence of the certification plan revision to support P12.1.2 Flight Testing

Please contact this office or the following individuals if you have further questions:

Project Administrator (PA): (b) (6)

Program Manager: (b) (6)

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ECCN: 9E991

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Sincerely,

(b) (6)

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Enclosures: A) Certification Plan 23168 at Revision P
B) CP 23168 Rev N / P Comparison File



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CC

Name	SP	Encl	Title
Mr. P. Adjibly	X	X	FAA Program Mgr., 0600-1222
Mr. B Breneman	X	X	Transport Standards Branch Policy & Innovation Branch, International Section, AIR-676 Manager
Mr. J. Sutherland	X	X	FAA Program Mgr., 0600-1222