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ODA Lead Administrator
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The Boeing Company
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Seattle, WA 98124-2207

NOV 11 2019

RA-19-03472

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: Submittal of Updated Flight Test Pilot Report B1.33.AAQ-PR, "Stall Testing with EFS and/or STS off Part 2," Deliverable 46, Cert Plan 23168

Model: 737-8, 737-9

RA Project No.: PS18-0837

EASA Project No.: 0010059715

EASA Level: Non-Basic

Response Requested: November 14, 2019

Expedited Flow: Yes

References: (a) Boeing Letter RA-19-02545, "Submittal of retained draft Type Inspection Authorization rev A for Certification Plan 23168, 737-8 / 737-9 Flight Control Computer Software Replacement (Version P12.1.2), in support of testing for Stall Testing with EFS and/or STS OFF on airplane 1E001," dated September 24, 2019
(b) Boeing letter RA-19-02958, Submittal of Flight Test Pilot Report, B1.14.AAS-PR, "Stall Testing with EFS and/or STS off," Deliverable 46, Cert Plan 23168, Rev. M + RL1, dated September 25, 2019

Special Instructions: Please forward to Mr. Shaun Ripple, TPM Flight Test, Mr. Tom Phan, TPM Avionics/Software and Mr. Ken Paoletti of Flight Controls.

Expedited response is requested to support Stall ID testing scheduled for November 16, 2019.

This letter is to submit:

Please find the Enclosure (A) subject document which is being submitted in support of the TIA reference (a) letter. This supersedes the reference (b) submitted Pilot Report letter – the previous report is included as Enclosure (b) for reference. This Pilot report was also sent via Message Courier on November 11, 2019.



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This letter is being sent for:

Review:

The enclosed document is identified as "None-Data Only" in the Subject certification plan and is being submitted in support of TIA. Boeing requests FAA acknowledge the submittal by the requested response date.

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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The data provided should be returned to Boeing immediately following use by the FAA, including any copies thereof which the FAA may be required to make in the course of its review. Boeing does not authorize the FAA to retain any portion of the materials being supplied.

Sincerely,

(b) (6)

(for) Elizabeth A. Pasztor
The Boeing Company ODA Lead Administrator
(b) (6) MC 081-53
FAX: (425) 294-9340
GWO

Enclosures: A) Flight Test Pilot Report B1.14.AAS_B1.33.AAQ-PR
B) Flight Test Pilot Report B1.14.AAS-PR

cc

Name	SP	Encl	MC	Title
Mr. P. Adjibly	X	X		FAA Program Mgr., 0600-1222
Mr. J. Sutherland	X	X		FAA Program Mgr., 0600-1222
Mr. J. Voytilla	X	X		FAA Program Mgr., 0600-1222



Flight Test Pilot Report

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Controlled by FCCN:

Prep

(b) (6)

Analysis Engineer
Date: 11/9/2019

Lead Analysis Engineer
Date: 11/8/2019

Flight Test Pilot
Date: 11/11/19

FTPs: B1.14.AAS Titles: STALL TESTING WITH EFS AND/OR STS OFF
B1.33.AAQ STALL TESTING WITH EFS AND/OR STS OFF PART 2

Airplane	Test No.	Date	Test Participants
1E001	018-13	8/5/2019	Pilots: (b) (6)
	018-14	8/6/2019	
	018-31	11/2/2019	
	018-32	11/7/2019	

Test Summary:

The purpose of these tests was to evaluate the stall characteristics of the airplane with the Speed Trim System (STS) and Elevator Feel Shift (EFS) both enabled and disabled. (b) (4)

(b) (4)

(b) (4)



Flight Test Pilot Report

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Controlled by FCCN: 95991

(b) (6)

Prep

Date: 9/10/2019

Date: 9/10/2019

Date: 9/10/19

FTP: B1.14.AAS

Title: STALL TESTING WITH EFS AND/OR STS OFF

Airplane	Test No.	Date	Test Participants
1E001	018-13	8/5/2019	Pilots: (b) (6)
	018-14	8/6/2019	

Test Summary:

The purpose of these tests was to evaluate the stall characteristics of the airplane with the Speed Trim System (STS) and Elevator Feel Shift (EFS) both enabled and disabled. (b) (4)

(b) (4)

(b) (4)



Test Conditions Completed

Cond.	Altitude (1000 ft)	Trim Speed (KCAS)	Flaps/Gear	Engine Thrust	Procedure	Reference	Test #
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(b) (4)

