

**Federal Aviation Administration (FAA) Approved Model List (AML) Number ST04299CH
Global Aerospace Design Corp.**

FOR

Aviation Communication & Surveillance Systems (ACSS) XS-950 Transponders with Automatic Dependent Surveillance - Broadcast (ADS-B) Out

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	TCDS NO.	FAA APPROVED MASTER DRAWING LIST		FAA APPROVED AIRCRAFT FLIGHT MANUAL SUPPLEMENT		XS-950 Transponder Approved Part Number	GPS SOURCE	AML REV DATE
				Number/Rev*	Date	Number/Rev*	Date			
1.	The Boeing Company	737-800 Series	A16WE	GR0252-MDL C	5-16-2018	GR0264-AFM IR	5-30-2018	7517800-10400	Rockwell Collins GLU-920	
2.	The Boeing Company	737-800 Series	A16WE	GR0252-MDL C	5-16-2018	GR0264-AFM A	4-05-2019	7517800-10400	Rockwell Collins GLU-920/-925	4-5-2019
3.	The Boeing Company	737-400/-500 Series	A16WE	GR0252-MDL F	1-17-2020	19GR122-AFM-1 IR	9-17-2020	7517800-10403	FreeFlight 1203C GNSS	10-01-2020
3.	Airbus	A310-300 Series	A35EU	GR0252-MDL F	1-17-2020	19GR122-AFM-3 IR	9-17-2020	7517800-10403	FreeFlight 1203C GNSS	10-01-2020

*Or later FAA-Approved Revision

FAA Approved: _____

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

Date Issued: May 31, 2018

Date Amended: October 01, 2020

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Limitations and Conditions:

- 1) For the B737-800 series (AML Item 1 and 2), successful completion of Ground Test Plan GR0260-GTP, Revision B, dated May 16, 2018, or later FAA approved revision, must be accomplished following implementation of this STC.
- 2) For the B737-400/-500 series (AML Item 3), successful completion of Ground Test Plan 19GR122-GTP-1, Revision IR, dated November 5, 2019, or later FAA approved revision, must be accomplished following implementation of this STC.
- 3) For the A310-300 series (AML Item 4), successful completion of Ground Test Plan 19GR122-GTP-3, Revision IR, dated November 5, 2019, or later FAA approved revision, must be accomplished following implementation of this STC.

Certification Basis for Alteration:

The certification basis for the changed aircraft as described in this AML is as follows:

- a. The type certification basis for the aircraft listed on the FAA Approved Model List, is shown on TCDS listed on the FAA Approved Model List for parts not changed or not affected by this change.
- b. The certification basis for parts changed or affected by this change since the reference date of application, January 24, 2017, is as follows:

14 CFR Part 25 Regulations at the amendment level:

25.869(a)(4) [25-72], 25.1301 [25-00], 25.1309(a)(b)(c)(d) [25-41], 25.1353(a)(b) [25-42], 25.1431 (a)(c) [25-00], 25.1501(b) [25-42], 25.1525 [25-00], 25.1529 [25-54], 25.1581(a)(1)(2)(b) [25-72], 25.1583(e) [25-72], 25.1585(a) [25-46].

14 CFR Part 26 Regulations at the amendment level:

14 CFR §§ 26.11(c) [26-0].

14 CFR Part 91 Regulations at the amendment level:

14 CFR §§ 91.227(b)(c)(d)(e) [91-314].

- c. For the B737-400/-500 series (AML Item 3) and A310-300 series (AML Item 4), the certification basis for parts changed or affected by this change since the reference date of application, January 24, 2017, includes those rules referenced in item b. above as well as the following:

14 CFR Part 25 Regulations at the amendment level:

25.29 [25-42], 25.301(a) [25-23], 25.303 [25-23], 25.305(a) [25-77], 25.307(a)(b) [25-23], 25.561(b)(c) [25-23], 25.571(a)(b)(c) [25-45], 25.601 [25-00], 25.603(a)(b) [25-38], 25.605 [25-00], 25.607(a)(b)(c) [24-23], 25.609(a)(b) [25-00], 25.611 [25-23], 25.613(a)(c)(d)(e) [25-00], 25.625(a)(b)(c) [25-23], 25.789 [25-32], 25.1351(a)(1) [25-72], 25.1357(a)(c)(d) [25-0].