

**Approved Model List**

**for**

**Curtiss-Wright Fortress Flight Data Recorder (with Cockpit Voice Recorder), Class C Cockpit Image Recorder, and Dukane Seacom Underwater Locating Device Installation**

**STC ST01070DE**

**FAA APPROVED MODEL LIST  
STC ST01070DE**

**1. Revision Log**

<b>Revision</b>	<b>Pages</b>	<b>Description</b>	<b>FAA Approval</b>	<b>Date</b>
IR	ALL	Initial Release  <b>NOTE:</b> This revision contains a Cover Page, page ii, and pages 1-5	Robert C. Jones Acting Manager, Denver ACO Branch Compliance and Airworthiness Division	Original Issue August 24, 2021

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## **2. Introduction**

This document is the Federal Aviation Administration (FAA) Approved Model List (AML) for Supplemental Type Certificate (STC) Number ST01070DE, Installation of the Curtiss-Wright Fortress Flight Data Recorder (with Cockpit Voice Recorder) and Dukane Seacom Underwater Locating Device on eligible airplanes listed in Section 4.

Revisions to the AML must be coordinated between the STC holder and the responsible ACO Branch, and require FAA approval.

This AML is only applicable to the 14 CFR, Part 25 aircraft listed in Section 4. Installations in 14 CFR Part 23, Part 27, and Part 29 aircraft are not authorized under this AML.

## **3. Certification Basis**

The certification basis for each qualified model is specified in the type certificate data sheet (TCDS) and modified by the amendment levels noted in the appendix identified in the approved model list of Section 4.

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**4. Approved Model List**

	<b>Make</b>	<b>Model</b>	<b>Type Certificate Number</b>	<b>Certification Basis</b>	<b>Applicable Serial Numbers</b>	<b>Master Drawing List/Date</b>	<b>AFM Supplement Number/Date</b>	<b>Instructions for Continued Airworthiness</b>	<b>Initial Approval / Amendment Date</b>
1	BAE	BAe.125 Series 800A BAe.125 Series 800B BAe.125 Series 1000A BAe.125 Series 1000B	A3EU	14 CFR 25 per TCDS as amended by Appendix A	All	E-SJ-20-0002 Rev G, dated 05/26/21, or later FAA approved revision	E-SJ-20-0009 Rev IR, dated 2/10/21, or later FAA approved revision	E-SJ-20-0008 Rev IR, dated 05/05/21, or later FAA approved revision	Original Issue (see Revision Log)
2	Hawker	Hawker 750 Hawker 800 Hawker 800XP Hawker 850XP Hawker 900XP Hawker 1000	A3EU	14 CFR 25 per TCDS as amended by Appendix A	All	E-SJ-20-0002 Rev G, dated 05/26/21, or later FAA approved revision	E-SJ-20-0009 Rev IR, dated 2/10/21, or later FAA approved revision	E-SJ-20-0008 Rev IR, dated 05/05/21, or later FAA approved revision	Original Issue (see Revision Log)
3	Learjet	31 31A 35 35A (C-21A) 36 36A	A10CE	14 CFR 25 per TCDS as amended by Appendix A	All	E-SJ-20-0002 Rev G, dated 05/26/21, or later FAA approved revision	E-SJ-20-0009 Rev IR, dated 2/10/21, or later FAA approved revision	E-SJ-20-0008 Rev IR, dated 05/05/21, or later FAA approved revision	Original Issue (see Revision Log)
4	Learjet	45	T00008WI	14 CFR 25 per TCDS as amended by Appendix B	All	E-SJ-20-0002 Rev G, dated 05/26/21, or later FAA approved revision	E-SJ-20-0009 Rev IR, dated 2/10/21, or later FAA approved revision	E-SJ-20-0008 Rev IR, dated 05/05/21, or later FAA approved revision	Original Issue (see Revision Log)
5	Cessna	750	T00007WI	14 CFR 25 per TCDS as amended by Appendix C	750-0001 through 750-0500	E-SJ-20-0002 Rev G, dated 05/26/21, or later FAA approved revision	E-SJ-20-0009 Rev IR, dated 2/10/21, or later FAA approved revision	E-SJ-20-0008 Rev IR, dated 05/05/21, or later FAA approved revision	Original Issue (see Revision Log)

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**Appendix A**

Based on 14 CFR § 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis is as follows:

- a. As determined by the Type Certificate Data Sheet (TCDS) of the aircraft for parts **not changed or not affected** by this STC.
- b. Regulations at the amendment levels listed in Table 1 below for parts **changed or affected** by the STC since the reference date of application.
- c. Special Conditions numbered 1 through 6 as defined by draft Advisory Circular 20-192, Guidance on Testing and Installation of Non-rechargeable Lithium cells, Batteries and Batteries within End Items, applicable to all make/models listed in this appendix.

**Table 1: Certification Basis Including Amendments**

<b>Regulations</b>	<b>Amdt.</b>	<b>Regulations</b>	<b>Amdt.</b>
§ 25.301	25-23	§ 25.771(a)(c)	25-4
§ 25.303	25-23	§ 25.773(a)	25-72
§ 25.305	25-77	§ 25.777(a)	25-46
§ 25.307	25-72	§ 25.853(a)	25-72
§ 25.337	25-23	§ 25.869(a)(4)	25-72
§ 25.341	25-72	§ 25.1301 (a)(b)(c)(d)	25-0
§ 25.473	25-23	§ 25.1309 (a)(b)(d)(e)	25-41
§ 25.561(c)	25-64	§ 25.1321(d)(e)	25-41
§ 25.601	25-0	§ 25.1322(d)	25-38
§ 25.603	25-46	§ 25.1351(a)	25-72
§ 25.605	25-46	§ 25.1353(a)	25-42
§ 25.607	25-23	§ 25.1357(a)(c)(d)(e)	25-0
§ 25.609	25-0	§ 25.1431(a)(c)	25-0
§ 25.611	25-23	§ 25.1457(a)(b)(c)(d)(e)(f)(g)	25-65
§ 25.613	25-72	§ 25.1529	25-54
§ 25.619	25-23	§ 25.1555(a)	25-0
§ 25.625(a)(b)(c)	25-72	§ 25.1581	25-72
§ 25.671(a)	25-23	§ 25.1583(c)	25-72

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**Appendix B**

Based on 14 CFR § 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis is as follows:

- a. As determined by the Type Certificate Data Sheet (TCDS) of the aircraft for parts **not changed or not affected** by this STC.
- b. Regulations at the amendment levels listed in Table 1 below for parts **changed or affected** by the STC since the reference date of application, August 5, 2020.
- c. Special Conditions 25-707-SC dated January 4, 2018 for Non-rechargeable Lithium Battery Installations numbered 1 through 6 are included in this certification basis for the Learjet 45.

**Table 2: Certification Basis Including Amendments**

<b>Regulations</b>	<b>Amdt.</b>	<b>Regulations</b>	<b>Amdt.</b>
§ 25.301	25-23	§ 25.771(a)(c)	25-4
§ 25.303	25-23	§ 25.773(a)	25-72
§ 25.305	25-77	§ 25.777(a)	25-46
§ 25.307	25-72	§ 25.853(a)	25-72
§ 25.337	25-23	§ 25.869(a)(4)	25-72
§ 25.341	25-72	§ 25.1301 (a)(b)(c)(d)	25-0
§ 25.473	25-23	§ 25.1309 (a)(b)(d)(e)	25-41
§ 25.561(c)	25-64	§ 25.1321(d)(e)	25-41
§ 25.601	25-0	§ 25.1322(d)	25-38
§ 25.603	25-46	§ 25.1351(a)	25-72
§ 25.605	25-46	§ 25.1353(a)	25-42
§ 25.607	25-23	§ 25.1357(a)(c)(d)(e)	25-0
§ 25.609	25-0	§ 25.1431(a)(c)	25-0
§ 25.611	25-23	§ 25.1457(a)(b)(c)(d)(e)(f)(g)	25-65
§ 25.613	25-72	§ 25.1529	25-54
§ 25.619	25-23	§ 25.1555(a)	25-0
§ 25.625(a)(b)(c)	25-72	§ 25.1581	25-72
§ 25.671(a)	25-23	§ 25.1583(c)	25-72

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**Appendix C**

Based on 14 CFR § 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis is as follows:

- a. As determined by the Type Certificate Data Sheet (TCDS) of the aircraft for parts **not changed or not affected** by this STC.
- b. Regulations at the amendment levels listed in Table 1 below for parts **changed or affected** by the STC since the reference date of application, August 5, 2020.
- c. Special Conditions 25-686-SC dated May 31, 2017 for Non-rechargeable Lithium Battery Installations numbered 1 through 6 are included in this certification basis for the Cessna 750.

**Table 3: Certification Basis Including Amendments**

<b>Regulations</b>	<b>Amdt.</b>	<b>Regulations</b>	<b>Amdt.</b>
§ 25.301	25-23	§ 25.771(a)(c)	25-4
§ 25.303	25-23	§ 25.773(a)	25-72
§ 25.305	25-77	§ 25.777(a)	25-46
§ 25.307	25-72	§ 25.853(a)	25-72
§ 25.337	25-23	§ 25.869(a)(4)	25-72
§ 25.341	25-72	§ 25.1301 (a)(b)(c)(d)	25-0
§ 25.473	25-23	§ 25.1309 (a)(b)(d)(e)	25-41
§ 25.561(c)	25-64	§ 25.1321(d)(e)	25-41
§ 25.601	25-0	§ 25.1322(d)	25-38
§ 25.603	25-46	§ 25.1351(a)	25-72
§ 25.605	25-46	§ 25.1353(a)	25-42
§ 25.607	25-23	§ 25.1357(a)(c)(d)(e)	25-0
§ 25.609	25-0	§ 25.1431(a)(c)	25-0
§ 25.611	25-23	§ 25.1457(a)(b)(c)(d)(e)(f)(g)	25-65
§ 25.613	25-72	§ 25.1529	25-54
§ 25.619	25-23	§ 25.1555(a)	25-0
§ 25.625(a)(b)(c)	25-72	§ 25.1581	25-72
§ 25.671(a)	25-23	§ 25.1583(c)	25-72