

APPROVED MODEL LIST
ST01066DE

Approved Model List

for

Aviation Clean Air Airborne Air & Surface Purification System Installation

**Supplemental Type Certificate
ST01066DE**

FAA Approved: [See Revision Log](#)

Issued: June 17, 2021

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1. Revision Log

Revision	Pages	Description	FAA Approval	Date
(-)	ALL	Initial Release NOTE: This revision contains a Cover Page, page ii, and pages 1-5	Jerry Ramos, ASE, FOR: Susan McCormick, Manager Denver ACO Branch Compliance & Airworthiness Division	Original Issue June 17, 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 ST01066DE, for installing the Aviation Clean Air (ACA) Airborne Air & Surface Purification System 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.

2.1. Specific Limitations

The following limitation applies to this AML STC:

The resulting impact of increased ionization levels on sensitivity of ionization type smoke detection systems has not been assessed as part of this STC. For this reason, this STC carries a limitation against installation on aircraft that utilize ionization type smoke detection systems within pressurized compartments.

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

	Make	Model	Type Certificate Number	Certification Basis	Applicable Serial Numbers	Master Drawing List/Date	Instructions for Continued Airworthiness	Initial Approval / Amendment Date
1	Canadair	CL-600-1A11 (600) CL-600-2A12 (601) CL-600-2B16	A21EA	14 CFR 25 per TCDS as amended by Appendix A	All	E-DA-20-0002, Rev G, dated 3/19/21, or later FAA approved revision	E-DA-20-0008, Rev IR, dated 5/20/21, or later FAA approved revision	Original Issue, 06/17/2021
2	Dassault	MYSTERE-FALCON 50 MYSTERE-FALCON 900 FALCON 900EX	A46EU	14 CFR 25 per TCDS as amended by Appendix A	All	E-DA-20-0002, Rev G, dated 3/19/21, or later FAA approved revision	E-DA-20-0008, Rev IR, dated 5/20/21, or later FAA approved revision	Original Issue, 06/17/2021
3	Gulfstream	G-IV	A12EA	14 CFR 25 per TCDS as amended by Appendix A	All	E-DA-20-0002, Rev G, dated 3/19/21, or later FAA approved revision	E-DA-20-0008, Rev IR, dated 5/20/21, or later FAA approved revision	Original Issue, 06/17/2021

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Appendix A: All Models

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.

Table 1: Certification Basis Including Amendments

Regulations	Amdt.
§ 25.301(a)(b)	25-23
§ 25.303	25-23
§ 25.305(a)(b)	25-77
§ 25.307(a)	25-72
§ 25.337(a)(b)(c)(1)	25-23
§ 25.341	25-72
§ 25.561(b)(3)(c)	25-23
§ 25.601	25-0
§ 25.603	25-46
§ 25.605(a)	25-46
§ 25.607(b)	25-23
§ 25.609(a)	25-0
§ 25.611	25-23
§ 25.613(b)	25-72

Regulations	Amdt.
§ 25.831(a)(b)	25-89
§ 25.832	25-94
§ 25.853(a)	25-72
§ 25.869(a)(4)	25-72
§ 25.1301 (a)(b)(c)(d)	25-0
§ 25.1307(c)	25-72
§ 25.1309 (a)(b)(d)(g)	25-41
§ 25.1351(a)(d)	25-72
§ 25.1353(a)(b)	25-42
§ 25.1357(a)(c)	25-0
§ 25.1431 (a)(b)(c)	25-0
§ 25.1529	25-54
§ 25.1541	25-0