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Department of Transport

Supplemental Type Certificate

This approval is issued to:

Skysservice Aviation Inc.
10105 Ryan Avenue
Dorval, Quebec
Canada H9P 1A2

Number: SA20-58

Issue No.: 1

Approval Date: July 21, 2020

Issue Date: July 21, 2020

Responsible Office:

Atlantic

Aircraft/Engine Type or Model:

See Transport Canada Approved Model List AML-3079 Rev A, dated July 21, 2020, or later TCCA approved revisions.

Canadian Type Certificate or Equivalent:

See Transport Canada Approved Model List AML-3079 Rev A, dated July 21, 2020, or later TCCA approved revisions.

Description of Type Design Change:

Installation of Aviation Clean Air Ionization Unit.

**Installation/Operating Data,
Required Equipment and Limitations:**

Installation must be in accordance with Transport Canada approved Elisen & associés inc. Modification Data Summary MDS-3079 Revision A, dated July 20, 2020, or later TCCA approved revisions.

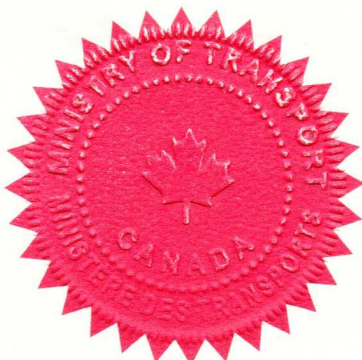
Maintenance must be in accordance with Transport Canada accepted Elisen & associés inc. Instructions for Continued Airworthiness as described on Elisen & associés inc. Modification Data Summary MDS-3079 Revision A, dated July 20, 2020, or later TCCA approved revisions.

Basis of Certification:

As defined on Transport Canada Approved Model List AML-3079 Rev A, dated July 21, 2020, or later TCCA approved revisions.

— End —

Conditions: This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated **will not** adversely affect the airworthiness of the modified product.




Paul Garner
For Minister of Transport

Canada

DESIGN APPROVAL DOCUMENT TRANSFER

Transfer of this design approval document requires the prior approval of the Minister and the reissue of this document in the name of the transferee.

The reissue of this design approval document in the name of the transferee will be contingent on the holder and the transferee fulfilling their responsibilities as described in section 521.357 of the *Canadian Aviation Regulations*.

I have reviewed the above requirements and recognize that until the above requirements are met the certificate and all its privileges and obligations will not be transferred.

Signature of holder/signature du titulaire

TRANSFERT DU DOCUMENT D'APPROBATION DE LA CONCEPTION

L'approbation préalable du ministre est exigée en vue d'un transfert de ce document d'approbation de la conception et la réédition de ce document au nom du cessionnaire.

La réédition de ce document d'approbation de la conception au nom du cessionnaire est conditionnelle à la satisfaction des exigences et des responsabilités, du titulaire et du cessionnaire, décrites dans l'article 521.357 du *Règlement de l'aviation canadien*.

J'ai examiné les conditions susmentionnées et je comprends que le transfert du certificat et des privilèges et des obligations s'y rattachant ne sera pas effectué tant que ces conditions n'auront pas été respectées.

date/date





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APPROVED MODEL LIST (AML)

Installation, Aviation Clean Air Ionization Unit

CANADA	
DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH	
18-DEC-2020 APPROVED	
BY	
APPROVAL NO	<u>SA20-58</u>
ISSUE NO	<u>1</u>

TCCA ACCEPTANCE/APPROVAL	
REQUIRED	☒ YES ☐ NO
REFERENCE	_____

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REVISION LOG

REV	DATE	REVISED BY	CHECKED BY	RELEASED BY	PAGES AFFECTED	REMARKS
A	20-Jul-2020	H. Caplan	S. Durand	T. Rahman	ALL	Initial Release – Item #1 introduced for BD-100-1A10
B	29-Jul-2020	H. Caplan	T. Smith	T. Rahman	2	BD-700-1A10 & BD-700-1A11 added.
C	23-Sep-2020	H. Caplan	T. Smith	T. Rahman	2	Dassault Falcon 7X added.
D	30-Oct-2020	H. Caplan	T. Smith	T. Rahman	2	Hawker 850XP added; 737-300 / -400 / -500 added.
E	05-Nov-2020	H. Caplan	T. Smith	T. Rahman	2	Bombardier CL-600-2B16 604, 605 & 650 variants added
F	16-Dec-2020	H. Caplan	T. Smith	T. Rahman	2	Dassault Falcon 2000 / 2000EX added.



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REVISION F RELEASE SHEET

Pages Affected: 2

Description: Dassault Falcon 2000 / 2000EX added.

REVISED


H. Caplan

CHECKED


T. Smith

RELEASED


T. Rahman



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1. INTRODUCTION

This document is the Transport Canada Civil Aviation (TCCA) Approved Model List (AML) for Supplemental Type Certificate (STC) Number SA20-58 (and foreign validations/familiarizations thereof), for installing *Aviation Clean Air* © (ACA) ionizers into eligible Part 25 aircraft. Approved models are listed in Section 4.

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.

Revisions to the AML must be coordinated between the STC holder and the responsible office of Transport Canada and require TCCA approval.

This AML has been prepared in accordance with FAA AC 20-180 and TCCA SI 521-005 Iss 01.

2. PREREQUISITE / CONCURRENT INSTALLATIONS

There are no prerequisites parts or approvals associated with this design change.

3. BASIS OF CERTIFICATION

The basis of certification for each approved model is listed in Section 4.



4. APPROVED MODEL LIST

TCCA Approved Model List For Installation, Aviation Clean Air Ionization Unit

Item	Make	Model/Series	TCDS No	Cert basis/ Amdt	MDS ⁽¹⁾	FMS ⁽¹⁾	ICA ⁽²⁾	Model specific notes
7	Dassault	Falcon 2000 & 2000EX	A-249	Refer to TCDS A-249 Issue 5	MDS-3079 Rev G	N/A	ICA-3079-8 Rev A	
6	Bombardier	CL-600-2B16 604, 605 & 650 variants	A-131	Refer to TCDS A-131 Issue 60	MDS-3079 Rev E	N/A	ICA-3079-6 Rev A	
5	Boeing	737-300 / -400 / -500 series	A-146	Refer to TCDS A-146 Issue 196	MDS-3079 Rev E	N/A	ICA-3079-5 Rev B	
4	Hawker Beechcraft	850XP	A-145	Refer to TCDS A-145 Issue 7	MDS-3079 Rev D	N/A	ICA-3079-3 Rev A	
3	Dassault	Falcon 7X	A-251	Refer to TCDS A-251 Issue 2	MDS-3079 Rev C	N/A	ICA-3079-4 Rev A	
2	Bombardier	BD-700-1A10 & BD-700-1A11	A-177	Refer to TCDS A-177 Iss 20	MDS-3079 Rev B	N/A	ICA-3079-2 Rev A	
1	Bombardier	BD-100-1A10	A-234	Refer to TCDS A-234 Iss 9	MDS-3079 Rev A	N/A	ICA-3079-1 Rev A	

Notes:

- (1) Or later TCCA approved revision
- (2) Or later TCCA accepted revision