

**Approved Model List (AML) For
Installation of AXXESS II Airborne SATCOM System
Aircell Business Aviation Services, LLC
STC No. ST01388WI-D**

FAA Approved: _____

Todd Dixon
Manager, Denver Aircraft Certification Office

Amended: December 26, 2012

FAA APPROVED MODEL LIST
For Installation of AXXESS II Airborne SATCOM System
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1. Revision Log

Revision	Pages	Description	FAA Approval	Date
IR	ALL	Initial Release	<u>SIGNED BY: Melissa Sandow</u> Program Manager, Denver Aircraft Certification Office Federal Aviation Administration Transport Airplane Directorate	03/02/2009
A	ALL	Addition of Mystere Falcon 50 to AML	<u>SIGNED BY: Gregory Johnson for Todd Dixon</u> Manager, Denver Aircraft Certification Office Federal Aviation Administration Transport Airplane Directorate	11/03/2009
B	ALL	Addition of Mystere Falcon 900 to AML	<u>SIGNED BY: Gregory Johnson for Todd Dixon</u> Manager, Denver Aircraft Certification Office Federal Aviation Administration Transport Airplane Directorate	04/15/2010
C	ALL	Add Instructions for Continued Airworthiness to AML. Add Certification Basis tables to AML.	<u>SIGNED BY: _____</u> Manager, Denver Aircraft Certification Office Federal Aviation Administration Transport Airplane Directorate	12/26/2012

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2. Introduction

This document is the Federal Aviation Administration (FAA) Approved Model List (AML) for Supplemental Type Certificate (STC) Number St01388WI-D, for installing the AXXESS II Airborne SATCOM System into eligible aircraft.

Revisions to the AML must be coordinated between the STC holder and the responsible Aircraft Certification Office (ACO), and require FAA approval.

This STC is only applicable to the CAR 4b and Title 14 CFR, Part 25, aircraft, as defined in this AML. Installations in Title 14 CFR, Part 23, Part 27 and Part 29 aircraft are not authorized under this STC.

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3. Approved Model List

Aircraft Make and Model	S/N	TC Data Sheet	Modification Certification Basis	Master Drawing List/Date	AFM Supplement Number/Date	Instructions for Continued Airworthiness	AML Amendment / Date
Dassault Aviation Falcon 2000	All	A50NM	CAR 4b with amendments listed in TCDS A50NM and as noted in Certification Basis Table 1.	D12215 Rev. C, dated 10/30/2006 Note: (1)	D12385 Rev. A, dated 04/12/2007 Note: (2)	D12214 Rev. B, dated 10/26/2006 Note: (3)	Rev. IR 03/02/2009
Dassault Aviation Mystere-Falcon 50	All	A46EU	14 CFR Part 25 with amendments listed in A46EU as noted in Certification Basis Table 2.	090423028 Rev. 0, dated 10/30/2009 Note : (2)	D13804 Rev. A, dated 10/27/2009 Note: (2)	090423027 Rev. A, dated 09/04/2009 Note: (3)	Rev. A 11/03/2009
Dassault Aviation Mystere-Falcon 900	All	A46EU	14 CFR Part 25 with amendments listed in A46EU as noted in Certification Basis Table 2.	090312010 Rev. 0, dated 03/26/2010 Note : (2)	D13803 Rev. A, dated 03/23/2010 Note: (2)	090312009 Rev. B, dated 02/19/2010 Note: (3)	Rev. B 04/15/2010

NOTE(S):

- (1) Installation of Aircell Business Aviation Services, LLC AXCESS II Airborne SATCOM System in Dassault Falcon 2000 airplanes per Duncan Aviation Inc. Document List No. D12072 Revision O, dated April 13, 2006 or Aircell Master Document List D12215 Rev. C, dated October 20, 2006 or later FAA approved revision of document D12215.
- (2) or later FAA approved revision.
- (3) or later FAA accepted revision.

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4. Certification Basis

Table 1

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Installation of the AXCESS II Airborne SATCOM System is as follows:

In addition to the following CAR 4b requirements, as shown in TCDS A50NM, the applicant has voluntarily complied with the listed 14 CFR Part 25 requirements, effective February 1, 1965 or later, as amended by the Amendments stated as follows:

14 CFR Part	Amendment	14 CFR Part	Amendment
25.301 (a)(b)(c)	25-23	25.619 (a)(b)(c)	25-23
25.303	25-23	25.625 (a)(b)(c)	25-72
25.305 (a)	25-86	25.789 (a)(b)	25-46
25.307 (a)	25-72	25.853 (a)	25-116
25.365 (a)(b)(c)(d)	25-87	25.869 (a)(4)	25-113
25.561 (a)(b)(3)(c)(d)	25-91	25.1301 (a)(b)(c)(d)	25-0
25.571 (a)(b)	25-54	25.1307 (c)	25-72
25.851 (a)(b)(c)	25-23	25.1309 (a)(b)(c)(d)(g)	25-41
25.601	25-0	25.1327 (a)	25-0
25.603 (a)(b)(c)	25-46	25.1351(a)(1)	25-72
25.605 (a)	25-46	25.1353 (a)(b)(d)	25-113
25.609 (a)(b)	25-0	25.1357 (a)(c)	25-0
25.611	25-23	25.1431 (a)(c)(d)	25-113
25.613 (a)(b)(c)	25-112	25.1529	25-54

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4. Certification Basis (continued)

Table 2

Based on 14 CFR Part 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Installation of the AXXESS II Airborne SATCOM System is as follows:

In addition to the following 14 CFR Part 25 requirements, as shown in TCDS A46EU, the applicant has voluntarily complied with the listed 14 CFR Part 25 requirements, effective February 1, 1965 or later, as amended by the Amendments stated as follows:

14 CFR Part	Amendment	14 CFR Part	Amendment
25.301 (a)(b)(c)	25-23	25.619 (a)(b)(c)	25-23
25.303	25-23	25.625 (a)(b)(c)	25-72
25.305 (a)(b)	25-86	25.789 (a)(b)	25-46
25.307 (a)	25-72	25.853 (a)	25-116
25.365 (a)(b)(c)(d)	25-87	25.1301 (a)(1)(2)(4)	25-123
25.561 (a)(b)(3)(c)(d)	25-91	25.1307 (c)	25-72
25.571 (a)(b)	25-54	25.1309 (a)(b) (d)(1)(2)(3)(4)(e)	25-123
25.851 (a)(b)(c)	25-23	25.1327 (a)	25-0
25.601	25-0	25.1351(a)(1)	25-72
25.603 (a)(b)(c)	25-46	25.1353 (a)(b)(d)	25-113
25.605 (a)	25-46	25.1357 (a)(c)	25-0
25.609 (a)(b)	25-0	25.1431(c)(d)	25-113
25.611	25-23	25.1529	25-54
25.613 (a)(b)(c)	25-112		