

Approved Model List For

**BendixKing CAS 67B Traffic Collision Avoidance System (TCAS) II
Version 7.1**

Peregrine

STC No. ST00790DE

FAA Approved: See Revision Log
Aerospace Engineer, Denver Aircraft Certification Office
Federal Aviation Administration

Issued: August 31, 2015
Amended: July 20, 2017

2. Introduction

This document is the Federal Aviation Administration (FAA) Approved Model List (AML) for Supplemental Type Certificate (STC) Number ST00790DE, for installing the BendixKing CAS 67B Traffic Alert and Collision Avoidance System (TCAS) II Version 7.1 into eligible Part 25 aircraft. Approved models are listed in Section 4.

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

This AML assumes the following equipment is already installed on each airplane eligible for this proposed modification. The following equipment must be properly installed via a separate FAA approval and meet the intended function for the system.

1. BendixKing CAS 67A TCAS system to support Traffic Alert and Collision Avoidance System (TCAS II) Version 7.0

FAA APPROVED MODEL LIST
For CAS 67B TCAS II Version 7.1 Airworthiness Approval
Peregrine
STC NO. ST00790DE

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.

FAA APPROVED MODEL LIST
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STC No. ST00790DE

4. Approved Model List

Item	Aircraft Make	Aircraft Model	TC Data Sheet	Certification Basis	Master Drawing List/Date	AFM Supplement Number/Date	Notes	Initial Approval / Amendment Date
1.	Beechcraft Corporation	DH.125 Series 400A HS.125 Series 700A BAe.125 Series 800A Bae.125 Series 800A (C-29A) Bae.125 Series 800A (U-125) BAe.125 Series 1000A BAe.125 Series 1000B Hawker 800, Hawker 1000 Hawker 800 (U-125A) Hawker 800XP	A3EU	14 CFR 25 per TCDS as amended by Appendix A	Peregrine Doc. No. E-AP-14-0002, Rev IR, dated 04/23/15, or later FAA approved revision.	Peregrine Doc. No. E-AP-14-0009, Rev IR, dated 07/21/15, or later FAA approved revision.	(1)(4)	Original Issue Aug 31, 2015 Amended Nov 10, 2015 Amended July 20, 2017
2.	Bombardier, Inc.	CL-600-1A11 (CL-600) CL-600-2A12 (CL-601) CL-600-2B16 (CL-601-3A Variant) CL-600-2B16 (CL-601-3R Variant) CL-600-2B16 (CL-604)	A21EA	14 CFR 25 per TCDS as amended by Appendix A	Peregrine Doc. No. E-AP-14-0002, Rev IR, dated 04/23/15, or later FAA approved revision.	Peregrine Doc. No. E-AP-14-0009, Rev IR, dated 07/21/15, or later FAA approved revision.	(1)	Original Issue, Aug 31, 2015 Amended Jan 27, 2016 Amended July 20, 2017
3.	Bombardier, Inc.	DHC-8-100 Series DHC-8-200 Series DHC-8-300 Series	A13NM	14 CFR 25 per TCDS as amended by Appendix A	Peregrine Doc. No. E-AP-14-0002, Rev A, dated 01/30/17, or later FAA approved revision.	Peregrine Doc. No. E-AP-14-0009, Rev IR, dated 07/21/15, or later FAA approved revision.	(1)	Initial Approval July 20, 2017
4.	Bombardier, Inc.	DHC-8-400 Series (Model 402)	A13NM	14 CFR 25 per TCDS as amended by Appendix A	Peregrine Doc. No. E-AP-14-0002, Rev A, dated 01/30/17, or later FAA approved revision.	No change to Flight Manual PSM 1-84-1A, Supplement 33 issue 13, dated 06/09/2015, or later FAA approved revision.	(1)(3)	Initial Approval Feb 8, 2017

FAA APPROVED MODEL LIST
For CAS 67B TCAS II Version 7.1 Airworthiness Approval
Peregrine
STC No. ST00790DE

Item	Aircraft Make	Aircraft Model	TC Data Sheet	Certification Basis	Master Drawing List/Date	AFM Supplement Number/Date	Notes	Initial Approval / Amendment Date
5.	Dassault Aviation	Mystere-Falcon 50 Mystere-Falcon 900	A46EU	14 CFR 25 per TCDS as amended by Appendix A	Peregrine Doc. No. E-AP-14-0002, Rev IR, dated 04/23/15, or later FAA approved revision.	Peregrine Doc. No. E-AP-14-0009, Rev IR, dated 07/21/15, or later FAA approved revision.	(1)	Initial Approval Nov 10, 2015
6.	Gulfstream Aerospace Corporation	G-1159, G-1159A, G-1159B G-IV, GV	A12EA	14 CFR 25 per TCDS as amended by Appendix A	Peregrine Doc. No. E-AP-14-0002, Rev IR, dated 04/23/15, or later FAA approved revision.	Peregrine Doc. No. E-AP-14-0009, Rev IR, dated 07/21/15, or later FAA approved revision.	(1)	Original Issue Aug 31, 2015 Amended Nov 10, 2015 Amended Jan 27, 2016
7.	Gulfstream Aerospace LP	1125 Westwind Astra	A16NM	14 CFR 25 per TCDS as amended by Appendix A	Peregrine Doc. No. E-AP-14-0002, Rev IR, dated 04/23/15, or later FAA approved revision.	Peregrine Doc. No. E-AP-14-0009, Rev IR, dated 07/21/15, or later FAA approved revision.	(1)	Initial Approval July 20, 2017
8.	Israel Aircraft Industries, Ltd.	1124, 1124A	A2SW	14 CFR 25 per TCDS as amended by Appendix A	Peregrine Doc. No. E-AP-14-0002, Rev IR, dated 04/23/15, or later FAA approved revision.	Peregrine Doc. No. E-AP-14-0009, Rev IR, dated 07/21/15, or later FAA approved revision.	(1)	Initial Approval July 20, 2017
9.	Learjet Inc.	25, 25A, 25B, 25C, 25D, 25F, 31, 31A 35, 36, 35A (C-21A), 36A 55, 55B, 55C	A10CE	14 CFR 25 per TCDS as amended by Appendix A	Peregrine Doc. No. E-AP-14-0002, Rev IR, dated 04/23/15, or later FAA approved revision.	Peregrine Doc. No. E-AP-14-0009, Rev IR, dated 07/21/15, or later FAA approved revision.	(1)	Original Issue, Aug 31, 2015 Amended Nov 10, 2015 Amended July 20, 2017

FAA APPROVED MODEL LIST
For CAS 67B TCAS II Version 7.1 Airworthiness Approval
Peregrine
STC No. ST00790DE

Item	Aircraft Make	Aircraft Model	TC Data Sheet	Certification Basis	Master Drawing List/Date	AFM Supplement Number/Date	Notes	Initial Approval / Amendment Date
10.	Learjet Inc.	45	T00008WI	14 CFR 25 per TCDS as amended by Appendix A	Peregrine Doc. No. E-AP-14-0002, Rev IR, dated 04/23/15, or later FAA approved revision.	Peregrine Doc. No. E-AP-14-0009, Rev IR, dated 07/21/15, or later FAA approved revision.	(1)	Initial Approval Nov 10, 2015
11.	Sabreliner Aviation LLC	NA-265-40, NA-265-60, NA-265-65	A2WE	14 CFR 25 per TCDS as amended by Appendix A	Peregrine Doc. No. E-AP-14-0002, Rev IR, dated 04/23/15, or later FAA approved revision.	Peregrine Doc. No. E-AP-14-0009, Rev IR, dated 07/21/15, or later FAA approved revision.	(1)(5)	Initial Approval July 20, 2017
12.	Textron Aviation Inc.	550, S550, 560	A22CE	14 CFR 25 per TCDS as amended by Appendix A	Peregrine Doc. No. E-AP-14-0002, Rev IR, dated 04/23/15, or later FAA approved revision.	Peregrine Doc. No. E-AP-14-0009, Rev IR, dated 07/21/15, or later FAA approved revision.	(1)(2)	Initial Approval July 20, 2017
13.	Textron Aviation Inc.	650	A9NM	14 CFR 25 per TCDS as amended by Appendix A	Peregrine Doc. No. E-AP-14-0002, Rev IR, dated 04/23/15, or later FAA approved revision.	Peregrine Doc. No. E-AP-14-0009, Rev IR, dated 07/21/15, or later FAA approved revision.	(1)(2)	Original Issue, Aug 31, 2015

FAA APPROVED MODEL LIST
For CAS 67B TCAS II Version 7.1 Airworthiness Approval
Peregrine
STC No. ST00790DE

NOTE(S):

- (1) Eligible serial numbers are those identified as eligible in the type certificate data sheet (TCDS) specified in the TC Data Sheet column of Section 4 of this document for these models.
- (2) Type Certificate Holder Record: Cessna Aircraft Company transferred TCDS to Textron Aviation Inc. on June 16, 2015.
- (3) Aircraft Flight Manual (AFM) PSM 1-84-1A per TCDS A13NM. Supplement 33 (issue 13, dated 06/09/2015, or later FAA approved revision) to AFM, PSM 1-84-1A remains effective following implementation of this STC.
- (4) Type Certificate Holder Record: Hawker Beechcraft Corporation transferred to Beechcraft Corporation on April 12, 2013.
Type Certificate Holder Record: Raytheon Aircraft Company transferred to Hawker Beechcraft Corporation on March 26, 2007.
- (5) Type Certificate Holder Record: North American Rockwell Corporation transferred to Rockwell International Corporation on April 19, 1968.
Type Certificate Holder Record: Rockwell International Corporation transferred to Sabreliner Corporation on June 30, 1983.
Type Certificate Holder Record: Sabreliner Corporation transferred to Sabreliner Aviation LLC on April 29, 2014.

FAA APPROVED MODEL LIST
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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, January 23, 2015.

Table 1: Certification Basis Including Amendments

Regulations	Amdt.
§ 25.301	25-23
§ 25.303	25-23
§ 25.305	25-86
§ 25.561(b)(3)	25-91
§ 25.601	25-0
§ 25.603	25-46
§ 25.609	25-0
§ 25.629	25-77
§ 25.869	25-123
§ 25.1301 (a)(b)	25-123
§ 25.1302 (a)(b)(c)(d)	25-137
§ 25.1303	25-90
§ 25.1307	25-72
§ 25.1309 (a)(b)(e)	25-123
§ 25.1316	25-134

Regulations	Amdt.
§ 25.1317	25-122
§ 25.1321	25-41
§ 25.1322	25-131
§ 25.1331	25-41
§ 25.1333	25-41
§ 25.1335	25-119
§ 25.1351	25-72
§ 25.1353	25-123
§ 25.1355	25-38
§ 25.1357	25-123
§ 25.1381	25-72
§ 25.143 (a)(b)(c)	25-113
§ 25.1529	25-54
§ 25.1581 (a)	25-72
§ 25.1585 (a)	25-105