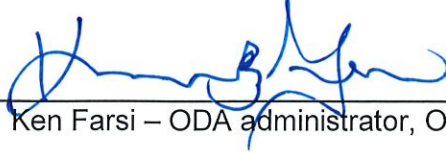




FAA-Approved Model List (AML) STC No. SA04181NY
Installation of the KFC 230 Aerocruze Automatic Flight Control System

FAA Approved:



Ken Farsi – ODA administrator, ODA-834634-NE

1. AML Revision Log

Rev	Pages	Description	FAA Approval	Date
IR	All	Initial Release	Ken Farsi	10 JUL 2019
A	All	Additional Models added.	Ken Farsi	04 OCT 2019
B	All	Additional Models added	Ken Farsi	16 DEC 2019
C	All	Change highlighted in yellow	Ken Farsi	18 DEC 2019

2. Introduction:

This document is the FAA Approved Model List for STC No. SA04181NY, for installation of the Bendix King KFC 230 Aerocruze Automatic Flight Control System (AFCS) into eligible aircraft.

Revisions to the AML must be coordinated between the STC holder and the responsible ACO, or the STC Organization Designation Authorization for FAA approval.

Important Notes:

This STC is only applicable to the 14 CFR, part 23, Class I, II & III aircraft, as defined in Advisory Circular AC 23.1309-1C, and which are listed in this AML. Installations in 14 CFR, part 23 Class IV, part 25, part 27 and part 29 aircraft are not authorized under this STC.

This STC presumes that BendixKing KFC 150 Flight Control System is already installed on each airplane eligible for this proposed modification. This approval requires data input from an FAA approved ADHRS unit and GPS sensor into the KFC 230 Aerocruze AFCS.

3. Certification Basis:

Item	Make	AC Model	TCDS No.	Certification Basis
1	Textron Aviation Inc.	A36 A36TC B36TC F33A	3A15	14 CFR Part 23 Amdt 23-62
2	Piper Aircraft, Inc.	PA-32-301 PA-32-301T PA-32R-301 (SP) PA-32R-301(HP) PA-32R-301T	A3SO	14 CFR Part 23 Amdt 23-62
3	Piper Aircraft, Inc.	PA-46-310P PA-46-350P	A25SO	14 CFR Part 23 Amdt 23-62
4	Piper Aircraft, Inc.	PA-34-200T PA-34-220T	A7SO	14 CFR Part 23 Amdt 23-62



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Item	Make	AC Model	TCDS No.	Certification Basis
5	Mooney International Corp.	M20J M20K M20L M20M M20R M20S	2A3	14 CFR Part 23 Amdt 23-62
6	Socata	TB10 TB20	A51EU	14 CFR Part 23 Amdt 23-62
7	Aerostar Aircraft Corp	PA-60-700P (Aerostar 700P)	A17WE	14 CFR Part 23 Amdt 23-62
8	Textron Aviation Inc.	182P 182Q 182R T182	3A13	14 CFR Part 23 Amdt 23-62
9	Textron Aviation Inc.	208 208B	A37CE	14 CFR Part 23 Amdt 23-62
10	Textron Aviation Inc.	210R T210R	3A21	14 CFR Part 23 Amdt 23-62
11	Textron Aviation Inc.	U206G TU206G	A4CE	14 CFR Part 23 Amdt 23-62
12	Piper Aircraft, Inc.	PA-28-161, PA-28-181 PA-28-236 PA-28R-201 PA-28R-201T PA-28RT-201 PA-28RT-201T	2A13	14 CFR Part 23 Amdt 23-62

4. Approved Model List:

Item	Make	AC Model	Prerequisite STC	MDL *	ICA	AFMS *	AML Rev
1	Textron Aviation Inc.	A36 A36TC	SA1574CE-D	89800019-057 Rev IR	89800019-024 Rev IR	89000019-015 Rev IR	IR
2	Textron Aviation Inc.	B36TC	SA1574CE-D	89800019-057 Rev A	89800019-024 Rev IR	89000019-015 Rev A	A
3	Textron Aviation Inc.	F33A	SA1789CE-D	89800019-057 Rev A	89800019-024 Rev IR	89000019-015 Rev A	A
4	Piper Aircraft, Inc.	PA-32-301 PA-32-301T	SA1567CE-D	89800019-057 Rev A	89800019-024 Rev IR	89000019-015 Rev A	A
5	Piper Aircraft, Inc.	PA-32R-301(SP) PA-32R-301(HP) PA-32R-301T	SA1572CE-D	89800019-057 Rev A	89800019-024 Rev IR	89000019-015 Rev A	A
6	Piper Aircraft, Inc.	PA-46-310P PA-46-350P	SA1778CE-D	89800019-057 Rev A	89800019-024 Rev IR	89000019-015 Rev A	A
7	Piper Aircraft, Inc.	PA-34-200T PA-34-220T	SA1575CE-D	89800019-057 Rev A	89800019-024 Rev IR	89000019-015 Rev A	A
8	Mooney International Corp.	M20J M20K	SA1561CE-D	89800019-057 Rev A	89800019-024 Rev IR	89000019-015 Rev A	A
9	Mooney International Corp.	M20L	SA2074CE-D	89800019-057 Rev A	89800019-024 Rev IR	89000019-015 Rev A	A
10	Mooney International Corp.	M20M M20R M20S	SA2319CE-D	89800019-057 Rev A	89800019-024 Rev IR	89000019-015 Rev A	A



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Item	Make	AC Model	Prerequisite STC	MDL *	ICA	AFMS *	AML Rev
11	Socata	TB10 TB20	SA1785CE-D	89800019-057 Rev A	89800019-024 Rev IR	89000019-015 Rev A	A
12	Aerostar Aircraft Corp	PA-60-700P (Aerostar 700P)	SA1777CE-D	89800019-057 Rev A	89800019-024 Rev IR	89000019-015 Rev A	A
13	Textron Aviation Inc.	182P 182Q 182R T182	SA1770CE-D	89800019-057 Rev B	89800019-024 Rev IR	89000019-015 Rev C	C
14	Textron Aviation Inc.	208 208B	SA2053CE-D	89800019-057 Rev B	89800019-024 Rev IR	89000019-015 Rev C	C
15	Textron Aviation Inc.	210R T210R	SA2050CE-D	89800019-057 Rev B	89800019-024 Rev IR	89000019-015 Rev C	C
16	Textron Aviation Inc.	U206G TU206G	SA1569CE-D	89800019-057 Rev B	89800019-024 Rev IR	89000019-015 Rev C	C
17	Piper Aircraft, Inc.	PA-28-161 PA-28-181 PA-28-236	SA1565CE-D	89800019-057 Rev B	89800019-024 Rev IR	89000019-015 Rev C	C
18	Piper Aircraft, Inc.	PA-28R-201 PA-28R-201T PA-28RT-201 PA-28RT-201T	SA1563CE-D	89800019-057 Rev B	89800019-024 Rev IR	89000019-015 Rev C	C

* Or later FAA Approved.