777 Aviation Dr
Camarillo, CA 93010

Engineering Report ETM-AML
Revision: C

APPROVED MODEL LIST

FOR INSTALLATION

OF

KIT PART NUMBER: ETM1000

FAA STC NO.: SR02413LA

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Original Date:	December 9th, 2015	Revision Prepared By:	JRG
Original Prepared By:	Jonathan Gunn	Revision Approved By:	JRG 7/24/17
Original Approved By:	Jonathan Gunn Project Engineer	Revision Approved By: :	

LIST OF EFFECTIVE PAGES

PAGE	REV	ADDED PAGES				PAGE	REV	ADDED PAGES			
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REVISION LOG

REVISION	DATE	PAGES AFFECTED	REMARKS
NC	12/09/15	All Pages	- Airbus Helicopters AS350C, D, D1, B, B1, B2 & BA - Bell Helicopters 204, 205, 210 & UH-1
A	01/29/16	Pg 8	- Added Bell Helicopters 214B & B-1
B	12/14/16	Pg 4, 7, 8 & 9	- Added Bell 206 Series and Bell 407 - Updated ICA Rev to A for Bell UH-1 thru 214 - Added Pg 9 for expansion
C	7/24/17	Pg 2, 5, 6 & 9	- Added Bell 212 Eagle Single conversion

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1.0 INTRODUCTION

This document is the FAA Approved Model List for STC No. SR02413LA. It is for installing the AKV Inc. Kit P/N ETM1000 into eligible aircraft. Revisions to the AML must be coordinated between the STC holder and the responsible ACO, and require FAA approval. This STC is only applicable to the 14 CFR, part 27 and 29 aircraft, as listed in this AML. Installations in 14 CFR, part 23 and part 25 aircraft are not authorized under this STC. This STC assumes the aircraft to be modified meets the type design as defined in the associated TCDS and the required type certificated equipment is installed.

2.0 CERTIFICATION BASIS

The certification basis for each model qualified for this modification is detailed below.

Aircraft Make	Aircraft Model	Type Data Sheet	Certification Basis
Airbus Helicopter	AS350C, D, D1, B, B1, B2 & BA	H9EU	Type Certificate Data Sheet for the AS350 No. H9EU through amendment 27-32
Bell Helicopter	204B	H1SW	**14 CFR 29** effective February 1, 1965 plus Amendments 29-1 through 29-10, plus FAA Special Conditions No. 29-29-EU-23, dated August 13, 1977.
Bell Helicopter	205A, A-1, B	H1SW	**14 CFR 29** effective February 1, 1965 plus Amendments 29-1 through 29-10, plus FAA Special Conditions No. 29-29-EU-23, dated August 13, 1977.
Bell Helicopter	206A-1 (OH-58A), B, B-1, B-2, B-3, L, L-1, L-3, L-4	H2SW	Type Certificate Data Sheet for the B206 Series No. H2SW through amendment 27-32

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Aircraft Make	Aircraft Model	Type Data Sheet	Certification Basis
Bell Helicopter	210	H1SW	**14 CFR 29** effective February 1, 1965 plus Amendments 29-1 through 29-10, plus FAA Special Conditions No. 29-29-EU-23, dated August 13, 1977.
Bell Helicopter	Bell 214 B & B-1	H6SW	**14 CFR 29** effective February 1, 1965 plus Amendments 29-1 through 29-10, plus FAA Special Conditions No. 29-29-EU-23, dated August 13, 1977.
Bell Helicopter	UH-1	H1RM H3NM H3SO H4NM H5NM H5SO H6SO H7SO H8NM H13WE H15NM R00002RC R00005SE R00007DE R00012AT	**14 CFR 29** effective February 1, 1965 plus Amendments 29-1 through 29-10, plus FAA Special Conditions No. 29-29-EU-23, dated August 13, 1977.
Bell Helicopter	Bell 212 (Eagle Single)	H4SW	**14 CFR 29** effective February 1, 1965 plus Amendments 29-1 through 29-10, plus FAA Special Conditions No. 29-29-EU-23, dated August 13, 1977.

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Aircraft Make	Aircraft Model	Type Data Sheet	Certification Basis
Bell Helicopter	407 (S/N 53000-54299)	H2SW	Type Certificate Data Sheet for the B407 No. H2SW through amendment 27-32

3.0 Approved Model List

Aircraft Make	Aircraft Model	Type Certificate Number	Required Approved Data and Added Model Specific Limitations	AML Amendment Date
Airbus Helicopters	AS350C, D, D1, B, B1, B2 & BA	H9EU	**Master Document List:** *AKV ETM1000-MDL revision J, dated 3/11/2015 approved under STC No. SR02413LA* **Model Specific Limitation:** The ETM1000 can be installed on the AS350B2 VEMD and with Arriel 1 or LTS101 engines **Instructions for Continued Airworthiness:** *AKV ETM1000 ICA Rev C, dated 10/10/2014 or later approved revisions*	12/09/15

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Aircraft Make	Aircraft Model	Type Certificate Number	Required Approved Data and Added Model Specific Limitations	AML Amendment Date
Bell Helicopter	204B	H1SW	**Master Document List:** *AKV ETM1000-MDL revision J, dated 3/11/2015 approved under STC No. SR02413LA* **Instructions for Continued Airworthiness:** *AKV ETM1000-T53 ICA Rev A, dated 1/29/16 or later approved revisions*	12/14/16
Bell Helicopter	205A, A-1, B	H1SW	**Master Document List:** *AKV ETM1000-MDL revision J, dated 3/11/2015 approved under STC No. SR02413LA* **Instructions for Continued Airworthiness:** *AKV ETM1000-T53 ICA Rev A, dated 1/29/16 or later approved revisions*	12/14/16
Bell Helicopter	206A-1 (OH-58A), B, B-1, B-2, B-3, L, L-1, L-3, L-4	H2SW	**Master Document List:** *AKV ETM1000-MDL revision M, dated 10/26/16 approved under STC No. SR02413LA* **Instructions for Continued Airworthiness:** *AKV ETM1000-206-ICA Rev NC dated 12/6/16 or later approved revisions*	12/14/16

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Aircraft Make	Aircraft Model	Type Certificate Number	Required Approved Data and Added Model Specific Limitations	AML Amendment Date
Bell Helicopter	210	H1SW	**Master Document List:** *AKV ETM1000-MDL revision J, dated 3/11/2015 approved under STC No. SR02413LA* **Instructions for Continued Airworthiness:** *AKV ETM1000-T53 ICA Rev A, dated 1/29/16 or later approved revisions*	12/14/16
Bell Helicopter	Bell 214 B & B-1	H6SW	**Master Document List:** *AKV ETM1000-MDL revision K, dated 1/29/16 approved under STC No. SR02413LA* **Instructions for Continued Airworthiness:** *AKV ETM1000-T53 ICA Rev A, dated 1/29/16 or later approved revisions*	12/14/16
Bell Helicopter	UH-1	H1RM H3NM H3SO H4NM H5NM H5SO H6SO H7SO H8NM H13WE H15NM R00002RC R00005SE R00007DE R00012AT	**Master Document List:** *AKV ETM1000-MDL revision J, dated 3/11/2015 approved under STC No. SR02413LA* **Instructions for Continued Airworthiness:** *AKV ETM1000-T53 ICA Rev NC, dated 3/11/2015 or later approved revisions*	12/14/16

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Aircraft Make	Aircraft Model	Type Certificate Number	Required Approved Data and Added Model Specific Limitations	AML Amendment Date
Bell Helicopter	Bell 212 (Eagle Single)	H4SW	**Master Document List:** *AKV ETM1000-MDL revision O, dated 7/24/17 approved under STC No. SR02413LA* **Instructions for Continued Airworthiness:** *AKV ETM1000-T53 ICA Rev B, dated 7/24/17 or later approved revisions* Bell 212 modification via STC SR02831NY	7/31/17
Bell Helicopter	407 (S/N 53000-54299)	H2SW	**Master Document List:** *AKV ETM1000-MDL revision M, dated 10/26/16 approved under STC No. SR02413LA* **Instructions for Continued Airworthiness:** *AKV ETM1000-407-ICA Rev NC Rev NC, dated 12/6/2016 or later approved revisions* Only including those with RR250-C47B engine	12/14/16

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Ronald Atmur
Manager, Propulsion Section

Date: