

EMTEQ
3110 Commerce Parkway
Miramar, FL 33024
USA

**APPROVED MODEL LIST, Installation
of the Artex C406-1 Emergency
Locator Transmitter (ELT) System**

FAA STC ST02929AT

FAA APPROVED: _____

Manager, Aircraft Certification Office
Federal Aviation Administration
Atlanta, Georgia

DATE: October 30, 2012

1.0 AML REVISION LOG

<u>REV.</u>	<u>PAGES</u>	<u>DESCRIPTION</u>	<u>APPROVAL/DATE</u>
IR	1-11	Initial Release	<u>Ricky Jones</u> (for) Manager, ACO Atlanta, Georgia Date: <u>Sept. 29, 2004</u>
A	1-11	Adds DC-9-10/-20/-30-40/-50, DC-9-80, MD-88, MD-90 Series	<u>Robert Chupka</u> (for) Manager, ACO Atlanta, Georgia Date: <u>Oct. 29, 2004</u>
B	1-11	Adds Boeing 777-200 Series, DC-10-30 Series, MD-11 Series.	<u>Ricky Jones</u> (for) Manager, ACO Atlanta, Georgia Date: <u>Mar. 31, 2005</u>
C	1-11	Adds Boeing 727-100/-200 Series.	<u>Ricky Jones</u> (for) Manager, ACO Atlanta, Georgia Date: <u>Jul. 25, 2005</u>
D	1-11	Adds Boeing 737-100/-200 Series and B757-200 Series.	<u>Ricky Jones</u> (for) Manager, ACO Atlanta, Georgia Date: <u>Aug. 8, 2005</u>
E	1-11	Adds Boeing 747-100/-200B/-200F/-200C/-300/-SP/-400 Series.	<u>Ricky Jones</u> (for) Manager, ACO Atlanta, Georgia Date: <u>Feb. 1, 2006</u>
F	1-11	Adds Jetstream Model 3101 and Model 3201	<u>Ricky Jones</u> (for) Manager, ACO Atlanta, Georgia Date: <u>May 15, 2006</u>
G	1-11	Adds Boeing 737-600/-700/-800 Series and Boeing 767-200/-300 Series.	<u>Ricky Jones</u> (for) Manager, ACO Atlanta, Georgia Date: <u>Jun. 9, 2006</u>

<u>REV.</u>	<u>PAGES</u>	<u>DESCRIPTION</u>	<u>APPROVAL/DATE</u>
H	1-11	Adds Airbus A300 B2-203/B4-103/B4-203. Adds Airbus A310-200/-300	<u>Ricky Jones</u> (for) Manager, ACO Atlanta, Georgia Date: <u>Sept. 18, 2006</u>
J	1-11	Adds Boeing 707-300/-400 Series. Changes AML document format.	<u>Ricky Jones</u> (for) Manager, ACO Atlanta, Georgia Date: <u>April 9, 2009</u>
K	1-11	Corrects B707-300/-400 TCDS from 4A21 to 4A26. Adds Boeing 737-900 series.	<u>Ricky Jones</u> (for) Manager, ACO Atlanta, Georgia Date: <u>August 12, 2011</u>
L	1-14	Adds Airbus A300-600 series aircraft.	<u>Manager, ACO</u> Atlanta, Georgia Date: <u>October 30, 2012</u>

2.0 INTRODUCTION

This document is the FAA Approved Model List (AML) for Supplemental Type Certificate (STC) No. ST02929AT for the installation of an Artex C406-1 Emergency Locator Transmitter (ELT) into eligible aircraft.

Revisions to this AML must be coordinated between the STC holder and the responsible ACO, and requires FAA approval.

3.0 CERTIFICATION BASIS

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

Aircraft Make	Aircraft Model	TCDS	Certification Basis
Airbus	A300 Model B2-203, B4-103, B4-203	A35EU	<p>FAR 21.29 (a)(1), based upon France/German requirements of FAR Part 25 effective February 1, 1965, including Amendments 25-1 through 25-20, plus Amendment 25-23 for Paragraphs 25.145, 25.1305, 25.1321, 25.1331, 25.1333, Amendment 25-24 for Paragraph 25.1303; Amendment 25-23 for Paragraphs 25.785 through 25.791, 25.809 through 25.812, 25.853 through 25.857, and 25.1557; Conditions Techniques Complementaires as listed in DGAC documents 4080 DTA/M dated August 8, 1970, 3904 DTA/M dated July 20, 1972, and 2060 DTA/M dated March 30, 1973; Corresponding FAA certification requirements are FAR Part 25 as detailed above plus Special Conditions No. 25-52-EU-16, plus FAA Part 36 including appropriate amendments (See NOTE 7 of the TCDS). SFAR-27 through 27-3 (see NOTE 8 of the TCDS). Compliance has been shown with the following optional requirements:</p> <p>Ditching 25.801 Ice Protection 25.1419</p>
	A310 Model -200, -300		<p>FAR Part 25: Amendment 1 through 21 Basic; Amendment 22 through 45 (elected) except for 25.109 and 25.631; Amendment 46 (elected) for paragraph 25.803, and 25.809(f)(1)(v); Amendment 47 (elected) for paragraph 25-809(f)(1)(iii); Amendment 49 (elected) for paragraph 25.733; Amendment 54 (elected) for paragraph 25.365(e)(1) and (e)(2). For the A310-300 series and the Model A310-204 (vertical stabilizer only): FAR 25.631, Amendment 25-23 is included in the above certification basis.</p>
	A300 Model B4-601 B4-603 B4-620 B4-622 B4-605R B4-622R C4-605R F4-605R F4-622R		<p>For A300B4-600, A300B4-600R, A300F4-600R, A300C4-600R series aircraft, the certification basis is FAR Part 25 at the following amendments:</p> <p>25-1 through 25-21 25-22 through 25-44 (elected) except for: §25.301 Amdt. 23 §25.305(d) Amdt. 23 §25.331(a)(2) Amdt. 23 §25.109 Amdt. 42 25-45 (elected) for paragraph §25.571 25-46 (elected) for paragraph §25.803(c)(d) & §25.809(f)(1)(iv)(v) 25-47 (elected) for paragraph §25.809(f)(1)(iii) 25-49 (elected) for paragraph §25.733 25-54 (elected) for paragraph §25.365(e)(i) & (e)(2)</p>

Aircraft Make	Aircraft Model	TCDS	Certification Basis
			<p>Additional later amendment for models A300F4-605R, A300F4-622R and A300C4-605R Variant F:</p> <p>25-54 for paragraph: §25.365(e)(3) [elected] §25.858</p> <p>25-72 for paragraph: §25.723 [elected] §25.783</p> <p>25-74 for paragraph §25.851(a)(3)</p> <p>Model A300F4-622R with Main Deck Cargo Compartment Rearrangement Modifications 12047, 12048, 12049, 12054, 12055, 12063, 12103, 12118, 12139, 12194, & 12227, the certification basis includes the following later amendments:</p> <p>25-86 for FAR §25.305, §25.321, §25.333, §25.341, §25.349 25-91 for FAR §25.331, §25.335, §25.351, §25.473, §25.479, §25.481, §25.483, §25.485, §25.491 25-91 for FAR §25.561 applicable to modified parts (L-shaped barrier, supenumery seats and attachments) 25-86 for FAR §25.571 for modified parts 25-83 for FAR §25.853(a)(b)(c) 25-51 for FAR §25.787 25-93 for FAR §25.855, §25.587, §25.858 25-64 for FAR §25.561 for cockpit seats See paragraph (g) of TCDS A35EU for exemptions to A300F4-622R airplanes.</p> <p>Model A300F4-622R with Lower Deck Cargo Compartment Rearrangement Modifications 12046, 12133 & 12183, the certification basis includes the following later amendments:</p> <p>25-86 for FAR §25.305, §25.321, §25.333, §25.341, §25.349 25-91 for FAR §25.331, §25.335, §25.351, §25.473, §25.479, §25.481, §25.483, §25.485, §25.491 25-86 for FAR §25.571 for modified parts 25-83 for FAR §25.853(a)(b)(c) 25-51 for FAR §25.787 25-93 for FAR §25.855, §25.857, §25.858</p> <p>Model A300F4-622R with Weight Variant 09 Modification 12050, 12102, 12181 & 12199, the certification basis includes the following later amendments:</p> <p>25-86 for FAR § 25.305, §25.321, §25.333, §25.341, §25.349 25-91 for FAR §25.331, §25.335, §25.351, §25.473, §25.479, §25.481, §25.483, §25.485, §25.491</p> <p>Model A300F4-605R with Main Deck Cargo Compartment Rearrangement Modifications 12054, 12118, & 12227, the certification basis includes the following later amendments:</p> <p>25-86 for FAR §25.305, §25.321, §25.333, §25.341, §25.349 25-91 for FAR §25.331, §25.335, §25.351, §25.473, §25.479, §25.481, §25.483, §25.485, §25.491</p>

Aircraft Make	Aircraft Model	TCDS	Certification Basis
			<p>25-86 for FAR §25.571 for modified parts 25-83 for FAR §25.853(a)(b)(c) 25-51 for FAR §25.787 25-93 for FAR §25.855, §25.857, §25.858 25-64 for FAR §25.561 for cockpit seats See paragraph (g) of TCDS A35EU for exemptions to A300F4-622R airplanes.</p> <p>Model A300F4-605R with Lower Deck Cargo Compartment Rearrangement Modifications 12046, 12133, 12183 & 12860, the certification basis includes the following later amendments:</p> <p>25-86 for FAR §25.305, §25.321, §25.333, §25.341, §25.349 25-91 for FAR §25.331, §25.335, §25.351, §25.473, §25.479, §25.481, §25.483, §25.485, §25.491 25-86 for FAR §25.571 for modified parts 25-83 for FAR §25.853(a)(b)(c) 25-51 for FAR §25.787 25-93 for FAR §25.855, §25.857, §25.858</p> <p>Model A300F4-605R with Structural Provisions for operation at Weigh Variant 09 (modifications 12050 & 12102), the certification basis includes the following later amendments:</p> <p>25-86 for FAR §25.305, §25.321, §25.333, §25.341, §25.349 25-91 for FAR §25.331, §25.335, §25.351, §25.473, §25.479, §25.481, §25.483, §25.485, §25.491</p>
Boeing	707-300, -400 Series	4A26	CAR 4b dated December 1953, Amendments 4b-1, 4b-2 and 4b-3 thereto; the Special Conditions and the provisions amendments listed in Attachment A of CAA letter to Boeing dated October 30, 1957; and provisions of Item 2 of Special Civil Air Regulation No. SR-422B.
	727-100, Series	A3WE	CAR 4b, dated December 31, 1953, Amendments 4b-1 through 4b-11 thereto: Special CAR SR-422B: Special Conditions listed in Attachment "A" of FAA letter to Boeing dated October 27, 1961, and FAA letter to Boeing dated June 12, 1963. Exemptions noted in TCDS A3WE.
	727-200, Series		CAR 4b, dated December 31, 1953, Amendments 4b-1 through 4b-11 thereto: Special CAR SR-422B; Special Conditions set forth in FAA letter to Boeing dated February 2, 1967, as revised by FAA letters to Boeing dated June 20, 1967, September 1 and 13, 1967; FAR Amendment 25-15; FAR Amendment 36-2. Special conditions and exemptions noted in TCDS A3WE.
	737-100, -200 Series	A16WE	14 CFR part 25, Amendments 25-1 through 25-3, 25-7, 25-8, 25-15, 14 CFR §21, 14 CFR part 1: and special conditions attached to FAA letter to Boeing dated October 15, 1965, and modified in letters dated December 23, 1966 and February 14, 1967, and Special Condition No. 25-89-NW-5 attached to FAA letter to Boeing dated April 10, 1979. Exemptions and ELOS noted in TCDS A16WE.

Aircraft Make	Aircraft Model	TCDS	Certification Basis
Boeing	737-300, -400, -500 Series	A16WE	FAR 25. Amendments 25-1 through 25-3, 25-7, 25-8, and 25-15.
	737-600, -700, -800, -900 Series		Part 25 of the Federal Aviation Regulations: Amendment 25-1 through 25-77, with exemptions as noted in TCDS A16WE.
	747-100, -200B, -200F, -200C, -300, -SP Series	A20WE	FAR Part 1, FAR Part 21, FAR Part 36, FAR Part 25 effective February 1, 1965, Amendments 25-1 through 25-8 plus 25-15, 25-17, 25-18, 25-20, and Amendment 25-39 transmitted by FAA letter dated February 4, 1977, and special conditions summarized in TCDS A20WE.
	747-400 Series		Part 25 of the FAR, effective February 1, 1965, as amended by Amendments 25-1 through 25-59 with exceptions in TCDS A20WE.
	757-200 Series	A2NM	FAR 25. Amendment 25-1 through 25-45. Exceptions noted in A2NM.
	767-200, -300 Series	A1NM	Part 25 of the Federal Aviation Regulations: Amendment 25-1 through 25-37, with exemptions as noted in TCDS TCDS A1NM.
	777-200 Series	T00001SE	FAR 25, Amendment 25-1 through 25-82, except for FAR 25.571(e)(1) which remains at amendment 25-71 level.
	McDonnell Douglas	DC-9-10,-20, -30,-40,-50 Series	A6WE
DC-9-80, MD-88, MD-90 Series		FAR 25, effective February 1, 1965, as amended by amendments 25-1 through 25-70, with exceptions noted in TCDS A6WE.	
DC-10-30 Series		A22WE	FAR 25, dated February 1, 1965, with Amendments 1 through 22 "Airworthiness Standards: Transport Category Airplanes," and FAR 25.471 of Amendment 25-23. Special Conditions and exemptions noted in TCDS A22WE.
MD-11 Series			Part 25 of the Federal Aviation Regulations, as amended by Amendments 25-1 through 25-61, except for §§ 25.607, 25.631 71, and 25.1309 72 as amended by Amendment 25-22; §25.109 as amended by Amendment 25-41; and §25.832 73 and §25.858. Special Conditions and exemptions noted in TCDS A22WE.

Aircraft Make	Aircraft Model	TCDS	Certification Basis
British Aerospace (Operations Limited)	Jetstream Model 3101	A21EU	FAR 21.29 and FAR 23, effective February 1, 1965, including Amendments 23-1 through 23-3, plus Special Conditions notified by the U.S. Government to the Government of the United Kingdom in FAA letter of October 30, 1967.
	Jetstream Model 3201	A56EU	FAR 21.29 and FAR Part 23, effective February 1, 1965 including Amendments 23-1 through 23.34. Special conditions and exemptions noted in TCDS A56EU.

4.0 APPROVED MODEL LIST

Aircraft Make	Aircraft Model	TCDS	Required Approved Data and Added Model Specific Limitations	AML Amendment Date
Boeing	737-300, -400, -500 Series	A16WE	<p>Master Drawing List (MDL): MDL No.: 2-22566-001, Rev. D</p> <p>Airplane Flight Manual Supplement: None</p> <p>Installation Instructions: 2-23501-801</p> <p>Instructions for Continued Airworthiness: 2-22566-905 [Principal Document - Note (1)]</p>	Sept. 29, 2004
McDonnell Douglas	DC-9-10, -20, -30, -40, -50, DC-9-80, MD-88, MD-90 Series	A6WE	<p>Master Drawing List (MDL): MDL No.: 2-22566-001, Rev. E</p> <p>Airplane Flight Manual Supplement: None</p> <p>Installation Instructions: 2-22566-801</p> <p>Instructions for Continued Airworthiness: 2-22566-905 [Principal Document - Note (1)]</p>	Oct. 29, 2004
Boeing	777-200 Series	T00001SE	<p>Master Drawing List (MDL): MDL No.: 2-22566-001, Rev. G</p> <p>Airplane Flight Manual Supplement: None</p> <p>Installation Instructions: 2-22566-816</p> <p>Instructions for Continued Airworthiness: 2-22566-905 [Principal Document - Note (1)]</p>	Mar. 31, 2005

Note (1): Principal Instructions for Continued Airworthiness (ICA) document contains a document list which lists all required ICA data.

Aircraft Make	Aircraft Model	TCDS	Required Approved Data and Added Model Specific Limitations	AML Amendment Date
McDonnell Douglas	DC-10-30 Series MD-11 Series	A22WE	<p>Master Drawing List (MDL): MDL No.: 2-22566-001, Rev. G</p> <p>Airplane Flight Manual Supplement: None</p> <p>Installation Instructions: 2-22566-820</p> <p>Instructions for Continued Airworthiness: 2-22566-905 [Principal Document - Note (1)]</p>	Mar. 31, 2005
Boeing	727-100, -200 Series	A3WE	<p>Master Drawing List (MDL): MDL No.: 2-22566-001, Rev. K</p> <p>Airplane Flight Manual Supplement: None</p> <p>Installation Instructions: 2-34239-801</p> <p>Instructions for Continued Airworthiness: 2-22566-905 [Principal Document - Note (1)]</p>	Jul. 25, 2005
Boeing	737-100, -200 Series	A16WE	<p>Master Drawing List (MDL): MDL No.: 2-22566-001, Rev. L</p> <p>Airplane Flight Manual Supplement: None</p> <p>Installation Instructions: 2-33049-820</p> <p>Instructions for Continued Airworthiness: 2-22566-905 [Principal Document - Note (1)]</p>	Aug. 8, 2005

Note (1): Principal Instructions for Continued Airworthiness (ICA) document contains a document list which lists all required ICA data.

Aircraft Make	Aircraft Model	TCDS	Required Approved Data and Added Model Specific Limitations	AML Amendment Date
Boeing	757-200 Series	A2NM	<p>Master Drawing List (MDL): MDL No.: 2-22566-001, Rev. L</p> <p>Airplane Flight Manual Supplement: None</p> <p>Installation Instructions: 2-33049-830</p> <p>Instructions for Continued Airworthiness: 2-22566-905 [Principal Document - Note (1)]</p>	Aug. 8, 2005
Boeing	747-100, -200B, -200F, -200C, -300, -SP, -400 Series	A20WE	<p>Master Drawing List (MDL): MDL No.: 2-22566-001, Rev. E</p> <p>Airplane Flight Manual Supplement: None</p> <p>Installation Instructions: 2-22566-803</p> <p>Instructions for Continued Airworthiness: 2-22566-905 [Principal Document - Note (1)]</p>	Jan. 1, 2006
British Aerospace (Operations Limited)	Jetstream Model 3101	A21EU	<p>Master Drawing List (MDL): MDL No.: 2-22566-001, Rev. O</p> <p>Airplane Flight Manual Supplement: None</p> <p>Installation Instructions: 2-37239-801</p> <p>Instructions for Continued Airworthiness: 2-22566-905 [Principal Document - Note (1)]</p>	May. 15, 2006
	Jetstream Model 3201	A56EU		

Note (1): Principal Instructions for Continued Airworthiness (ICA) document contains a document list which lists all required ICA data.

Aircraft Make	Aircraft Model	TCDS	Required Approved Data and Added Model Specific Limitations	AML Amendment Date
Boeing	737-600, -700, -800 Series	A16WE	<p>Master Drawing List (MDL): MDL No.: 2-22566-001, Rev. P</p> <p>Airplane Flight Manual Supplement: None</p> <p>Installation Instructions: 2-39885-810</p> <p>Instructions for Continued Airworthiness: 2-22566-905 [Principal Document - Note (1)]</p>	Jun. 9, 2006
Boeing	767-200, -300 Series	A1NM	<p>Master Drawing List (MDL): MDL No.: 2-22566-001, Rev. P</p> <p>Airplane Flight Manual Supplement: None</p> <p>Installation Instructions: 2-39885-810</p> <p>Instructions for Continued Airworthiness: 2-22566-905 [Principal Document - Note (1)]</p>	Jun. 9, 2006
Airbus	A300 Model B2-203, B4-103, B4-203 A310 Model -200, -300	A35EU	<p>Master Drawing List (MDL): MDL No.: 2-22566-001, Rev. P</p> <p>Airplane Flight Manual Supplement: None</p> <p>Installation Instructions: 2-32457-800</p> <p>Instructions for Continued Airworthiness: 2-22566-905 [Principal Document - Note (1)]</p>	Sept. 18, 2006

Note (1): Principal Instructions for Continued Airworthiness (ICA) document contains a document list which lists all required ICA data.

Aircraft Make	Aircraft Model	TCDS	Required Approved Data and Added Model Specific Limitations	AML Amendment Date
Boeing	707-300, -400 Series	4A26	Master Drawing List (MDL): MDL No.: 2-22566-001, Rev. S Airplane Flight Manual Supplement: None Installation Instructions: 2-55135-801 Instructions for Continued Airworthiness: 2-22566-905 [Principal Document - Note (1)]	Jan. 23, 2009
Boeing	737-900 Series	A16WE	Master Drawing List (MDL): MDL No.: 2-22566-001, Rev. V Airplane Flight Manual Supplement: None Installation Instructions: 2-39885-810 Instructions for Continued Airworthiness: 2-22566-905 [Principal Document - Note (1)]	April 22, 2011
Airbus	A300 Model B4-601 B4-603 B4-620 B4-622 B4-605R B4-622R C4-605R F4-605R F4-622R	A35EU	Master Drawing List (MDL): MDL No.: 2-22566-001, Rev. Z Airplane Flight Manual Supplement: None Installation Instructions: 2-106336-801 Instructions for Continued Airworthiness: 2-22566-905 [Principal Document - Note (1)]	Oct. 30, 2012

Note (1): Principal Instructions for Continued Airworthiness (ICA) document contains a document list which lists all required ICA data.