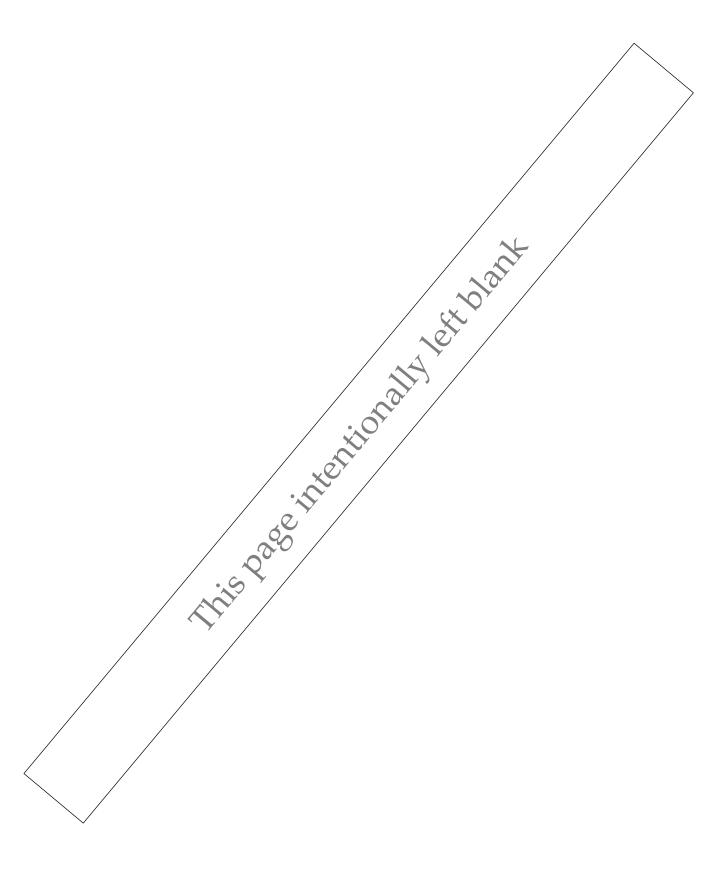


Alta Avionics, LLC

FORMS MANUAL (FM)

CRS# JN1R0210 1887 South 1800 West Woods Cross, UT 84087

Rev 1.0 Dated 05/2021



Rev 1.0 Dated 05/2021

1 List of Effective Pages

PAGE NO.	REV.	DATE
COVER PAGE-1	1.0	<u>5/202</u> 5 /202 1
COVER PAGE-2	1.0	5/2021
1-1	1.0	<u>5/202</u> 5 /202 1
1-2	1.0	<u>5/202</u> 5 /202 1
1-3	1.0	<u>5/202</u> 5 /202 1
2-1	1.0	<u>5/202</u> 5 /202 1
3-1	1.0	<u>5/202</u> 5 /202 1
3.2	1.0	<u>5/202</u> 5 /202 1
4-1	1.0	<u>5/202</u> 5 /202 1
5-1	1.0	<u>5/202</u> 5 /202 1
6-1	1.0	<u>5/202</u> 5 /202 1
6-2	1.0	<u>5/202</u> 5 /202 1
7-1	1.0	<u>5/202</u> 5 /202 1
7-2	1.0	<u>5/202</u> 5 /202 1
7-3	1.0	<u>5/202</u> 5 /202 1
8-1	1.0	<u>5/202</u> 5 /202 1
8-2	1.0	<u>5/202</u> 5 /202 1
8-3	1.0	<u>5/202</u> 5 /202 1
9-1	1.0	<u>5/202</u> 5 /202 1
9-2	1.0	<u>5/202</u> 5 /202 1
10-1	1.0	<u>5/202</u> 5 /202 1
10-3	1.0	<u>5/202</u> 5 /202 1
10-3	1.0	<u>5/202</u> 5 /202 1
11-1	1.0	<u>5/202</u> 5 /202 1
11-2	1.0	<u>5/2025/2021</u>
11-3	1.0	<u>5/2025/2021</u>
11-4	1.0	<u>5/202</u> 5 /202 1
11-5	1.0	<u>5/202</u> 5 /202 1
11-6	1.0	<u>5/202</u> 5 /202 1
11-7	1.0	<u>5/202</u> 5 /202 1
11-8	1.0	<u>5/202</u> 5 /202 1
12-1	1.0	<u>5/202</u> 5 /202 1
12-2	1.0	<u>5/202</u> 5 /202 1
13-1	1.0	<u>5/202</u> 5 /202 1
13-2	1.0	<u>5/202</u> 5 /202 1

FAA Acceptance:		Approved:	
•	FAA Inspector/Date	••	Quality Assurance Manager/Date

Forms Manual (FM)

PAGE NO.	REV.	DATE
14-1	1.0	<u>5/202</u> 5 /202 1
14-2	1.0	<u>5/202</u> 5 /202 1
14-3	1.0	5/2021
14-4	1.0	5/2021
14-5	1.0	5/2021
15-1	1.0	5/2021
15-2	1.0	5/2021
15-3	1.0	5/2021
16-1	1.0	5/2021
16-2	1.0	5/2021

FAA Acceptance:		Approved:	
	FAA Inspector/Date		Quality Assurance Manager/Date

Forms Manual (FM)

2 Record of Revision – Forms Manual (FM)

Revision	Revision	Description of Revision	Repair Station
Identification	Date		Approval
1.0	5/2021	Initial Version Complete	See 'List of Effective Pages'

Forms Manual (FM)

3 Table of Contents

1	List	of Effective Pages	1-1
2	Rec	ord of Revision – Forms Manual (FM)	2-3
3	Tab	le of Contents	3-1
4	Intr	oduction	4-1
5	Mar	nual Control	5-1
	5.1	Additional Fixed Locations	5-1
6	Gen	neral Description	6-1
	6.1	Form A-ATC-TMSI (ATC Transponder and Mode S Inspection)	6-2
	6.2	Form A-ATI (Altimeter Test/Inspection)	6-2
	6.3	Form A-CC (Certificate of Calibration)	6-2
	6.4	Form A-CLSE (Capabilities List Self-Evaluation)	6-2
	6.5	Form A-ETR (Employee Training Record)	6-2
	6.6	Form A-MCR (Manual Change Request)	6-2
	6.7	Form A-RTL (Required Training Log)	6-2
	6.8	Form A-TECIF (Test Equipment Calibration and Inspection Form)	6-2
	6.9	Form A-WO (Work Order)	6-3
	6.10	Form A-WOC (Work Order Continuation)	6-3
	6.11	Form AA-AFCA (Audit Findings/Corrective Action)	6-3
	6.12	Form AA-IA (Internal Audit)	6-3
	6.13	Form AL-ACMR (Log Entry – Air Carrier Maintenance Release)	6-3
	6.14	Log AL-ATI (Log Entry – Altimeter Test and Inspection)	6-3
	6.15	Log AL-GAMR (Log Entry – General Aviation Maintenance Release)	6-3
	6.16	Label AT-AT (Article Tag)	6-4
	6.17	Label AT-CS (Calibration Sticker)	6-4
	6.18	Tag AT-LST (Locator/Status Tag)	6-4
	6.19	Tag AT-Q (Quarantine)	6-4
	6.20	Tag AT-RAS (Removed As Serviceable)	6-4
	6.21	Tag AT-RFS (Repairable-For Storage)	6-4

Forms Manual (FM)

	6.22	Tag AT-RIT (Reject Item Tag)	6-4
	6.23	Tag AT-SLI (Shelf Life Item)	6-4
	6.24	Label AT-T43 (Tested Sticker)	6-4
	6.25	FAA Form 337 – Major Alteration or Repair	6-5
	6.26	FAA Form 8130-3 Airworthiness Release Certificate	6-5
	6.27	Format of Logbook Entries	6-5
7	Forn	ns	7-1
	7.1	AL-ATC-TMSI: ATC Transponder and Mode S Inspection	7-2
	7.1.1 Insp	Instructions for Form Use : AL-ATC-TMSI : ATC Transponder and Mode S ection	7-3
	7.2	A-ATI : Altimeter Test/Inspection	
	7.2.1	-	
	7.3	A-CC : Certificate of Calibration	
	7.3.1		
	7.4	A-CLSE: Capabilities List Self-Evaluation	7-8
	7.4.1	•	
	7.5	A-ETR : Employee Training Record	7-10
	7.5.1		
	7.6	A-MCR : Manual Change Request	7-12
	7.6.1	Instructions for Form Use: A-MCR: Manual Change Request	7-13
	7.7	A-RTL : Required Training Log	7-14
	7.7.1	Instructions for Form Use: A-RTL: Required Training Log	7-15
	7.8	Form A-TECIF (Test Equipment Calibration and Inspection Form)	7-16
	7.8.1 Forn	1 1	ction
	7.9	A-WO: Work Order	7-18
	7.9.1	Instructions for Form Use: Work Order	7-19
	7.10	A- WOC: Word Order Continuation	7-20
	7.10.	1 Instructions for Form Use: Work Order Continuation	7-21
	7.11	AA-AFCA : Audit Findings/Corrective Action	7-22
	7.11.	1 Instructions for Form Use: AA-AFCA: Audit Findings/Corrective Action	7-23

Forms Manual (FM)

7.12	AA-IA : Internal Audit	7-24
7.12	.1 Instructions for Form Use : AA-IA : Internal Audit	7-30
7.13	AL-ACMR: Log Entry: Air Carrier Maintenance Release	7-31
7.14	AL-ATI : Log Entry – Altimeter Test and Inspection	7-32
7.14	.1 Instructions for Form Use: AL-ATI: Altimeter Tests and Inspections	7-33
7.15	AL-GAMR: Log Entry: General Aviation Maintenance Release	7-34
7.16	AT-AT (Article Tag)	7-35
7.16	.1 Instructions for Sticker/Tag/Label Use: AT-AT (Article Tag)	7-36
7.17	AT-CS (Calibration Sticker)	7-37
7.17	.1 Instructions for Sticker/Tag/Label Use: AT-C (Calibration Sticker)	7-38
7.18	AT-LST (Locator/Status Tag)	7-39
7.18	.1 Instructions for Sticker/Tag/Label Use: AT-LS (Locator/Status)	7-40
7.19	AT-Q (Quarantine Tag)	7-41
7.19	.1 Instructions for Sticker/Tag/Label Use: AT-Q (Quarantine)	7-42
7.20	AT-RAS (Removed as Serviceable)	7-43
7.20	.1 Instructions for Sticker/Tag/Label Use: AT-RAS (Removed As Servicable)	7-44
7.21	AT-RFS (Repairable For Storage)	7-45
7.21	.1 Instructions for Sticker/Tag/Label Use: AT-RFS (Repairable For Storage)	7-46
7.22	AT-Rejected Item	7-47
7.22	.1 Instructions for Sticker/Tag/Label Use: AT-RI (Rejected Item)	7-48
7.23	AT-SLI (Shelf Life Item)	7-49
7.23	.1 Instructions for Sticker/Tag/Label Use: AT-SLI (Shelf Life Item)	7-50
7.24	AT-T43 (Tested As Per FAR 43))	7-51
7.24	.1 Instructions for Sticker/Tag/Label Use: AT-T43 (Tested As Per FAR 43)	7-52
7.25 Applia	FAA Form 337: Major Repair and Alteration (Airframe, Powerplant, Propeller, cance)	
7.25	.1 Instructions for Form Use: FAA Form 337 (Major Repair and Alteration)	7-55
7.26	FAA Form 8130-3: (Authorized Release Certificate)	7-56
7.26	.1 Instructions for Form Use: FAA 8130-3 (Authorized Release Certificate)	7-57

Forms Manual (FM)

4 Introduction

Alta Avionics, LLC is an avionics repair facility providing maintenance, repair, and installation of avionics systems for various types of aircraft.

This Forms Manual has been prepared in accordance with the current Code of Federal Regulations (CFR's), and the policies of Alta Avionics, LLC. <u>All records and forms will be written and completed in English.</u>

This manual contains the forms used by Alta Avionics, LLC, examples, and their method of completion, to comply with 14 CFR Part 145.

Each supervisor, inspector, and all personnel working for Alta Avionics, LLC will have access to this manual. All personnel are required to thoroughly understand its contents.

This Forms Manual is accepted by the FAA, and will be maintained in a current status at all times.

Forms Manual (FM)

5 Manual Control

This manual will be maintained by the FAA Coordinator and will provide a hard copy OR electronic Portable Document Format (PDF) for manual access for all personnel. If an electronic manual is requested a PDF version of this manual will be by provided by link for electronic manual access for any personnel.

Any digital version of this manual will be in PDF and archived in an organized manner easily retrievable for historical record and shall be done so in such a manner so as not to interfere with the most current version of this manual. In the event of hardware failure, a hardcopy, or digital file (remote or local) will be used to restore data.

The General Manager will be notified by a department supervisor in the event this manual is not current, and valid for that department's use, and will identify needed changes using form A-MCR (Manual Change Request). A sample of this form is found in the Forms Manual. The General Manager will have the revisions found necessary, produced in a final form. The proposed revisions will be submitted to the FAA/CHDO (Federal Aviation Administration/Certificate Holding District Office) for acceptance in electronic form (pdf).

The FAA Coordinator will revise manuals as required, and explain the revisions to all employees. An entry into each employee's training record will be added after each employee has been trained to verify and acknowledge the understating of each revision. Upon approval by an authorized Repair Station representative, the repair station will commence operating within the guidelines of the new revision.

The "List of Effective Pages" will reflect the Approval/Acceptance of the current revision. A file will be maintained, showing on a continuous basis, the disposition of each manual change. The FAA/CHDO will be notified each time a revision to this manual is needed. Revised areas within the document will be identified by a vertical bar in the margin.

Revisions found "not acceptable" to the FAA/CHDO, which do not conform to applicable regulations, will be addressed by this repair station as a top priority. The identified procedure or action will cease, and acceptable changes implemented immediately. The maintenance/administrative actions that were performed under revisions found "not acceptable" by the FAA/CHDO will be addressed in the following order:

- 1. Safety of Flight: Aircraft operator to be notified immediately, and advised that aircraft is to remain on the ground until this repair station can correct the problem, or coordinate with another certified repair station to correct the problem.
- 2. Procedure/Record Keeping: Aircraft operator to be notified immediately, and advised of the problem. The operator will have the option to operate the aircraft until the problem can be corrected.
- 3. Problems that do not affect aircraft and/or appliances will be dealt with internally and immediately to correct them.

Forms Manual (FM)

5.1 Additional Fixed Locations

All additional fixed locations under Alta Avionics, LLC will be supplied with a direct link to this manual on every computer terminal. Each employee will be trained on the procedure to access all the manuals during their initial training. A stored copy will be supplied to each facility in case of computer failure.

Forms Manual (FM)

6 General Description

This section provides a summary and general description of each form or tag used by Alta Avionics, LLC. For further detail on any given form, refer to the matching, corresponding subsection in Chapter 6 "Forms". For example, for more information on Form A-ATI (Altimeter Test/Inspection) refer to section 6.2 in this General Description and/or refer to section 7.2 in Chapter 7 Forms.

Alta Avionics uses a standard nomenclature to provide succinct and easily identifiable names to the forms, tags, log entries, stickers etc that are used for normal day to day work. This nomenclature is used to help avoid confusion and provide simple correlation between the form and its function. e.g. A-WO (Work Order)

This nomenclature is described below:

- 1. Characters 1-2 are used to describe the 'type' of form being used.
 - a. The first character is always an 'A' to describe 'Alta Avionics, LLC' and that this form is defined and used exclusively by Alta Avionics, LLC.
 - b. The 2nd character (or lack of a 2nd character) describes the specific 'type' of form.
 - i. No character after the 'A' indicates that this is a standard form e.g. A-WO (Work Order)
 - ii. 'A'

An 'A' after the initial 'A' indicates that this is an Audit form, used in Audit activities at Alta Avionics, LLC. e.g. AA-IA (Internal Audit)

- iii. 'L'
 - An 'L' after the initial 'A' indicates that this is a Log Entry type of form used when creating log entries for work completed at Alta Avionics, LLC.
- iv. 'T' A 'T' after the initial 'A' indicates that this is a Tag, Sticker or Label type of form used at Alta Avionics, LLC.
- 2. Character 3 (or 2nd character in the case of a standard form) is a '-'(hyphen) to separate the type of form from the specific name of the form.
- 3. Characters after the '-' (hyphen) is a descriptive acronym for the form name and can be up to 6 characters in length. e.g. AA-IA
 - a. AA indicates that this is an Alta Avionics, LLC form of type Audit.
 - b. IA indicates that this is an Internal Audit (IA) form

Forms Manual (FM)

NOTE: Forms not defined or provided by Alta Avionics, LLC will use the name of the entity that created/defined the form and then the name of the form as defined by that entity.

e.g. Form 8130-3 as provided/defined by the Federal Aviation Administration(FAA) is named as 'FAA-8130-3'.

6.1 Form A-ATC-TMSI (ATC Transponder and Mode S Inspection)

This form is used when testing and inspecting the operation of a Transponder appliance. The completed form will be added to the workorder and any appropriate records.

6.2 Form A-ATI (Altimeter Test/Inspection)

This form is used when Testing/Inspecting the condition and operation of an Altimeter as per 14 CFR Part 43, Appendix E. The completed form will be added to the workorder and any appropriate records.

6.3 Form A-CC (Certificate of Calibration)

This form is used to document the calibration of instruments/appliances that are calibrated under standards that are based on NIST standards or derived. The completed form will be added to the workorder and any appropriate records.

6.4 Form A-CLSE (Capabilities List Self-Evaluation)

This form will be used to evaluate the proposed repair station that is requesting an added capability to the Capability Manual (CM).

6.5 Form A-ETR (Employee Training Record)

This form is used to document ongoing and recurrent training of all employees of Alta Avionics LLC. Completed forms will be scanned into the appropriate employee training records.

6.6 Form A-MCR (Manual Change Request)

This form is used to request a change any of Alta Avionics, LLC manuals. This form will be completed and given to the General Manager. The manuals may be revised if deemed necessary.

6.7 Form A-RTL (Required Training Log)

This form is used to document required training for employees. This form will be completed and maintained by the employee's supervisor, showing the type, date, and who trained the employee. This form will be added to the employee's Training Records.

6.8 Form A-TECIF (Test Equipment Calibration and Inspection Form)

This form is used for inhouse equipment calibration. This form will be completed by the technician performing the calibration of the equipment, and will be signed by an inspector. The completed form will be added to any appropriate records.

Forms Manual (FM)

6.9 Form A-WO (Work Order)

This repair station will utilize a company work order, identified by a number, containing the customer's name, date, and appropriate identification required to identify any part, unit, or aircraft. This work order will list all work that is to be accomplished, in sufficient detail, that it will be readily understandable to the workman. The work order will contain all pertinent documentation pertaining to the repair items listed on the front of the work order. The completed work order will be stored in Alta Avionics, LLC computer system.

6.10 Form A-WOC (Work Order Continuation)

This repair station will utilize a Work Order Continuation page, as necessary, to document all work and pertinent documentation pertaining to the repair items listed. The completed work order and work order continuation pages will be stored in Alta Avionics, LLC computer system.

6.11 Form AA-AFCA (Audit Findings/Corrective Action)

This form is used to document findings and corrective actions for audits. Upon completion, forms are to be electronically filed with appropriate audit in Alta Avionics, LLC computer system.

6.12 Form AA-IA (Internal Audit)

This form is used for the internal audit function of the different departments and/or areas within the company. Upon proper completion, forms are to be electronically stored in Alta Avionics, LLC computer system.

6.13 Form AL-ACMR (Log Entry - Air Carrier Maintenance Release)

This for is used for Air Carrier logbook entries upon the aircraft being released back into service. The technician will document the applicable information when completing tests/inspections, and it will be signed by an authorized inspector. This sticker is to be placed in aircraft logbook, and electronically stored.

6.14 Log AL-ATI (Log Entry – Altimeter Test and Inspection)

This sticker is used as a Log Entry for Altimeter tests and inspections. The technician will document the applicable information when completing tests/inspections per 14 CFR Parts 91.411, 91.413, 91.217, and it will be signed by an authorized inspector. This sticker is to be placed in aircraft logbook, and electronically stored.

6.15 Log AL-GAMR (Log Entry – General Aviation Maintenance Release)

This for is used for General Aviation logbook entries upon the aircraft being released back into service. The technician will document the applicable information when completing tests/inspections, and it will be signed by an authorized inspector. This sticker is to be placed in aircraft logbook, and electronically stored.

Forms Manual (FM)

6.16 Label AT-AT (Article Tag)

This sticker/tag/label is used to identify an article with a WO and indicate that this item is or may be under warranty.

6.17 Label AT-CS (Calibration Sticker)

This sticker is used for "in-house" equipment calibration. When the calibration is completed, this sticker will be completed by the technician, and placed on the equipment.

6.18 Tag AT-LST (Locator/Status Tag)

This tag may be used to identify and/or locate parts or appliances. The Parts Inspector can attach this tag to parts or appliances to aid the technician in locating the item. When the tag is removed, it is destroyed.

6.19 Tag AT-Q (Quarantine)

This tag is placed on items to be scrapped. The technician and/or inspector will place a completed tag on parts/appliances to be scrapped. When the parts/appliances have been scrapped, and documented in the proper manner, the tag will be destroyed.

6.20 Tag AT-RAS (Removed As Serviceable)

This tag is used to identify parts or appliances. The technician will complete, and attach this tag, to equipment removed during maintenance. It will remain attached to the equipment until reinstallation, and then destroyed.

6.21 Tag AT-RFS (Repairable-For Storage)

This tag is used to identify items that are repairable, to be placed in storage. The technician and/or inspector will complete, and attach this tag, to repairable items that are going to be placed into storage awaiting repair. The tag will be removed and destroyed, when unit is repaired, and documented as serviceable.

6.22 Tag AT-RIT (Reject Item Tag)

This tag is placed on a rejected item. A technician and/or inspector will attach a properly completed tag to rejected parts. This tag will remain with the part and returned to the customer, or scrapped.

6.23 Tag AT-SLI (Shelf Life Item)

This tag will be attached to all shelf life items. This tag will be completed by the Parts Inspector, showing a Control #, and expiration date, and attached to each shelf life item. The tag will remain on each item until used, or disposed of.

6.24 Label AT-T43 (Tested Sticker)

This sticker is used for altimeter tests. When an altimeter has been tested per 14 CFR Part 43, Appendix E. The technician will complete, and place the sticker on the altimeter.

Forms Manual (FM)

6.25 FAA Form 337 - Major Alteration or Repair

This report is required to be filed with the FAA (FSDO) upon any major alteration or repair to an aircraft. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). The completed form will be stored in Alta Avionics, LLC computer system.

6.26 FAA Form 8130-3 Airworthiness Release Certificate

This form will be attached to repaired and/or tested units that are found to be serviceable. It will be completed and signed by an authorized inspector and remain with the unit. The completed form will be stored in Alta Avionics, LLC computer system.

6.27 Format of Logbook Entries

There are multiple formats for logbook entries used by Alta Avionics, LLC They may be handwritten, or computer generated. They are completed and signed by an authorized inspector at the completion of work. They are given to the aircraft owner and will be stored in Alta Avionics, LLC computer system.

Examples of these forms can be found in the following sections

Forms Manual (FM)

7 Forms

This section describes and provides samples the forms, log entries, tags, stickers and labels as used at Alta Avionics, LLC.

7.1 AL-ATC-TMSI: ATC Transponder and Mode S Inspection

Alta Avionics LLC 1887 S. 1800 W	V. Woods Cross, U1,8408/ CRS# JN1R0210					
	DER AND MODE S INSPECTION ART 43, APPENDIX F					
DATE: W/O #	TAIL # S/N					
Transponder #1	ordance With 14 CFR Part 43, Appendix F Transponder #2					
Mfg.						
Model						
P/N S/N Radio Reply Frequency 1087 to 1093 MHZ Mode S 1089 TO 1091	P/N S/N Radio Reply Frequency 1087 to 1093 MHZ Mode S 1089 TO 1091					
Peak Output Power > 125 and < 500 Watts	Peak Output Power > and < 500 Watts					
Mode S TX Power > 125 and < 500 Watts	Mode S TX Power > 125 and < 500 Watts					
SLS 0 db 1% < Reply Rate	SLS 0 db 1% < Reply Rate					
Reply Rate (-9db) 90% > Reply	Reply Rate (-9db) 90% > Reply					
Receiver Sensitivity - 66 to -77 dbm Mode 3/A	Receiver Sensitivity -66 to -77 dbm Mode 3/A					
Receiver Sensitivity - 66 to -77 dbm Mode C	Receiver Sensitivity -66 to -77 dbm Mode C					
Difference ≤ 1 dbm	Difference ≤ 1 dbm					
Receiver Sensitivity Mode S -68 TO -77 dbm 90% Reply	Receiver Sensitivity Mode S -68 TO -77 dbm 90% Reply					
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	[] > 20db (May require Antenna Isolation) Mode S Address [] Correct Reply [] Mode S UF= 0 [] UF=16 [] UF= 21 []					
	ode S Call PASS					
Antennas Secure & In Good Condition	Antennas Secure & In Good Condition					
*SYSTEM PASSES	*SYSTEM PASSES					
Note #1: Peak Output Power Radiated Class 1A Min 125 Wa Class 1B Min 70 Watt Note #2: Receiver Sensitivity Includes Additional –3dbm All THE ABOVE INSPECTION(S) PERFORMED W	its					
*NOTE: CHECK IN BOX INDICATES PASS, BLANK BOX TEST N/A						
Tester – ID #						
A-ATC-TMSI(05-21)	Page 1 of 1					

Forms Manual (FM)

7.1.1 <u>Instructions for Form Use : AL-ATC-TMSI : ATC Transponder and Mode S Inspection</u>

- 1) Enter the date the work is performed
- 2) Enter the Work Order on which the work is being performed
- 3) Enter the aircraft registration number
- 4) Enter the aircraft Serial Number
- 5) Transponder #1 enter the name of the Manufacturer of the transponder
- 6) Transponder #1 enter the Model of the transponder
- 7) Transponder #1 enter the Part Number of the transponder
- 8) Transponder #1 enter the Serial Number of the transponder
- 9) Transponder #1; place an X in the boxes for each parameter for each corresponding test
- 10) Transponder #1; visually inspect the antenna in accordance with manufacturer's recommendations, place an X in the box to denote satisfactory results
- 11) Transponder #1; place an X in the System Pass box if all tests were satisfactory
- 12) Transponder #2 enter the name of the Manufacturer of the transponder
- 13) Transponder #2 enter the Model of the transponder
- 14) Transponder #2 enter the Part Number of the transponder
- 15) Transponder #2 enter the Serial Number of the transponder
- 16) Transponder #2; place an X in the boxes for each parameter for each corresponding test
- 17) Transponder #2; visually inspect the antenna in accordance with manufacturer's recommendations, place an X in the box to denote satisfactory results
- 18) Enter the name of the person performing the inspections and tests
- 19) Enter the test and inspection equipment Identification Number

Forms Manual (FM)

7.2 A-ATI: Altimeter Test/Inspection

Altimerer Test/Inspection Per 14 CFR Part 43, Appendix E

		MFR				ENCODER/	ADC MFR		
PILOT ALT.									
CO-PILOT ALT.		_							
STBY ALT.		S/N				S/N			
		Scale	Error					Barometric Scale E	rror
Altitude	Norm	Stby	Tol.	Encoder	Frie	tion	Barome		Altitude
						Tol.	Scal		Difference
-1,000			20		>	NA		Ref.	
0			20		>	NA	28.10		
500			20		\sim	NA	28.50		
1,000			20			70	29.00		
1,500			25		$\geq \leq$	NA	29.50		
2,000			30			70	29.92		
3,000			30			70	30.50		
4,000			35		$\geq \leq$	NA	30.90		
5,000	$>\!\!<$	> <	NA	\langle		70	30.99		
6,000			40		$\geq \leq$	NA	Т	$colerance = \pm 25$	Feet
8,000			60		><	NA			
10,000			80			80		Hysteresi	
12,000			90		\times	NA	% of A	Alt. Up Reading	Down Reading
14,000			100		$>\!\!<$	NA	40%	,	
15,000	\times	$>\!\!<$	NA	\bigvee		90	50%	,	
16,000			110		$>\!\!<$	NA	Tolerance = ± 75 Feet		
18,000			120		$>\!\!<$	NA			
20,000			130			100		Case Leak	
22,000			140		\times	NA	Case Le	ak @ 18,000' =	
25,000			155			120	Tol	erance = ± 100 Ft	. Per Min.
30,000			180			140			
35,000			205			160		After Effec	t Test
40,000			230			180	Test Set	Ref Initial Alt.	After Test
45,000			255		\sim	NA			
50,000			280			250	Toleran	$ce = \pm 30 \text{ Feet } ($	29.92 in.hg
Note: Maintain Altimeter at each Test Point for at least one (1) minute before reading Scale Error. Note: The difference between the altitude displayed at the altimeter and the automatic reporting output should not exceed 125 ft Note: Approach Friction Test Points at 750 Ft. per minute. Note: Altitude/FeetPressure/Inches of mercury									
					N#			Date:	
Tester ID #					Tested by:				
				Inspection Rec					
Preliminary	Hidden	Damage	In	Progress #1	In Prog	ress #2	Final	MDI	R Req



Page 1 of 1

A-ATI(05-21)

Forms Manual (FM)

7.2.1 <u>Instructions for Use : A-ATI : Altimeter Test / Inspection</u>

- 1) Enter the Work Order number on which the work is being performed
- 2) Place an X in the box next to the position of the Altimeter
- 3) Enter the name of the Manufacturer of the Altimeter
- 4) Enter the Part number of the Altimeter
- 5) Enter the Model number of the Altimeter
- 6) Enter the Serial Number of the Altimeter
- 7) Enter the name of the Manufacturer of the Encoder or Air Data Computer
- 8) Enter the Encoder or Air Data Computer Part Number
- 9) Enter the Model of the Encoder or Air Data Computer
- 10) Enter the Serial Number of the Encoder or Air Data Computer
- 11) Enter the Scale Error next to each parameter
- 12) Enter the Barometric Scale Error next to each parameter
- 13) Enter the value of Hysteresis for each parameter
- 14) Enter the value of the Case Leak as tested
- 15) Enter the values for the three (3) parameters of the After Effect following the test
- 16) Enter the aircraft registration number
- 17) Enter the date on which the Altimeter Test was completed
- 18) Enter the Identification number of the test equipment used
- 19) Enter the name of the person who performed the Altimeter Test
- 20) Place employee initials in the boxes for each Inspection approved

7.3 A-CC: Certificate of Calibration

		Alta Avionics, Inc. Certificate of Calibrat	ion	
Manufacturer:				_
Model:				
Description:				
Serial Number:				
Customer: Work Order:				
work Order.				
Calibration Proced Environmental Cor				
Remarks:	-			
This Unit was Rece		Specification	☐ Out of Specific	
traceable to the Nation	al Institute of Standard	as been calibrated under the ds and Technology (NIST) f self-calibration. Eviden	Γ) or derived from accept	oted values of natural
Standards Utilized for	this Calibration			
Equip. ID	Manufacturer	Model	Serial Number	Due Date
Calibration Date:				
Calibration Due:				
			Calibr	ated By
		CRS# JN1R0210 1887 SOUTH 1800 WE Woods Cross, UT 840		
		ALTA	cs	
A-CC(05-21)				Page 1 of 1

Rev 1.0 7-6 Dated 5/2021

Forms Manual (FM)

7.3.1 <u>Instructions for Form Use: Certificate of Calibration</u>

- 1. Enter the name of the manufacturer for the unit being calibrated
- 2. Enter the model number of the unit being calibrated
- 3. Enter a description (nomenclature) of the unit being calibrated
- 4. Enter the serial number of the unit being calibrated
- 5. Enter the name of the customer who submitted the unit to be calibrated
- 6. Enter the work order number on which the work is being performed
- 7. Enter a description of the calibration procedures applicable to the unit being calibrated
- 8. Enter a description of the environmental conditions at the time the unit was being calibrated
- 9. Enter remarks pertaining to the unit being calibrated
- 10. Annotate in the boxes provided, the status the unit was found to be upon arrival
- 11. List all equipment and standards used to accomplish the calibration
- 12. Enter the date the calibration was completed
- 13. Enter the next calibration due date, based on the interval prescribed for the unit being calibrated
- 14. Enter the name of the person who performed the calibration

7.4 A-CLSE: Capabilities List Self-Evaluation

Alta Avionics, LLC Capabilities List Self-Evaluation Form

	ption of capability:				
Facility:					
	-		210, 1887 SOUTH 1800 WE and facilities for desired c		4087
	YES	□NO			
	escribe hou for desired	sing facility capability:			
Requirem 1. Do		ed facility po	ssess the proper tools need	ed for this capability?	
	YES	□ NO			
	Description need				
	es the desiro pability?	ed facility po	ssess the proper equipmen	t and materials needed	for the
	YES	□ NO			
	Description need				
			*in the case of using equivaler	nts, please specify.	
3. Do	es the repai	r station have	the proper technical data	and processes?	
	YES	□ NO			
	Description of ata and sour	of technical rce for data:			
4. Do	es the repai	r station have	properly trained personne	el?	
	YES	□ NO			
Repair Sta	tion Accept	ance:	est No.	Date:	
A-CLSE (05	5-21)		ALTA		Page 1 of 1

Rev 1.0 7-8 Dated 5/2021

Forms Manual (FM)

7.4.1 <u>Instructions for Form Use : A-CLSE : Capabilities List Self-Evaluation</u>

- 1. Enter a description of the capability sought Facility;
 - a. The repair station with managerial control of its satellite repair stations must hold the capability prior to that capability being held by a satellite repair station
 - b. Select Yes or No, regarding housing and facilities
 - c. Describe the housing and facilities which are required to support the added capability

2. Requirements;

- a. Select Yes or No, regarding the possession of proper tooling
 - i. Describe the type of tooling required
- b. Select Yes or No, regarding the possession of proper equipment and materials
 - i. Describe the type of equipment and materials required
- c. Select Yes or No, regarding the possession of the proper technical data required
 - i. Describe the type of technical data required
- d. Select Yes or No, regarding the repair station employee for proper training
 - i. Describe the type of training required

3. Acceptance;

- a. Provide the completed form to the Quality Assurance Manager
 - i. The Quality Assurance Manager will sign and date the form, and present to the President for final acceptance

7.5 A-ETR: Employee Training Record

CRS# JN1R0210 1887 SOUTH 1800 WEST Woods Cross, UT 84087

Employee Training Record

Employee Name			
Certificate Number (Repairman)			
Type of Training			
Method of Training (Classroom, Factory, OJT, ETC.)			
Length of Training (Hours)			
Location of Training			
Name of Instructor			
Date of Training			
Qualified			
Employee Signature			
Supervisor's Signature			
Training Records	Date:	BY:	



A-ETR (05-21) Page 1 of 1

Forms Manual (FM)

7.5.1 <u>Instructions for Form Use : A-ETR : Employee Training Record</u>

- 1. Enter the full name of the Employee
- 2. Enter the Certificate number (A, P, A/P, Repairman, etc.)
- 3. Enter the type of training (e.g. OJT, Classroom, Distant, etc.)
- 4. Enter the duration/length of training, in hours
- 5. Enter the location of training (organization, facility, factory, etc.)
- 6. Enter the name of the qualified instructor
- 7. Enter the date the training occurred (the day it was completed)
- 8. Enter Yes, or No, denoting whether the training was successful to establish proficiency in the skill being trained
- 9. Apply Employee signature to the completed form
- 10. Apply Supervisor's signature to the completed form
- 11. Enter the date on which the employee Training Records were updated
- 12. Enter the name of the person updating the employee Training Records

NOTE: Not all fields always require text entry. Contact your supervisor if there are questions. In cases where data is not required, DO NOT leave blank; enter N/A.

Rev 1.0 7-11 Dated 5/2021

Forms Manual (FM)

7.6 A-MCR: Manual Change Request

	MANUAL CH	ANGE REQU	JEST	
Enter name of m	nanual, page, and current revision d	ate to be revised.		
Enter (or attach)	the new text that is proposed as a	change.		
Write a brief exp	planation of the reason for the chan	ge.		
Signature:		Date:		
Action taken reg	garding proposed change:			
ACCEPTE Explanation of a		CTED		MODIFIEI
Approval:				
Signature: _	QA MANAGER	Date:		
Signature: _	CHIEF INSPECTOR	Date:		
	CILLI II SI LOTOR			



A-MCR (05-21) CSR# JN1R0210 Page 1 of 1

Forms Manual (FM)

7.6.1 <u>Instructions for Form Use : A-MCR : Manual Change Request</u>

- 1. Self-explanatory
- 2. Self-explanatory
- 3. Self-explanatory
- 4. The employee requesting the manual change must sign
- 5. The employee requesting the manual change must date
- 6. The QA manager, Chief Inspector, or General manager will select one of the three status boxes
- 7. The QA manager, Chief Inspector, or General manager will outline what actions are to be taken (e.g. revise the manual, reject the request, etc.)
- 8. The QA manager, Chief Inspector, or General manager will sign and date the completed form

7.7 A-RTL: Required Training Log



Alta Avionics, LLC Required Training Log

Employee Name				
Hire Date				
Position				
Initial Supervisor				
Training Type	Frequency	Date	Instructor	Notes
Drug and Alcohol	Initial			
Training and Testing				
Repair Station	Ongoing			
Manuals	Test Once			
Repair Station Work Orders	As Required			
General Forms and Procedures	As Required			
Incoming Material Inspection	As Required			
Equipment and Parts Handling	As Required			
Airport Operations	As Required			
Qualified Line Technician	As Required			
Qualified Bench Technician	As Required			
Inspection Authority	As Required			
Supervisor Qualification	As Required			
FAA Coordinator	As Required			
Quality Assurance	As Required			
Chief Inspector	As Required			
Additional Optional Training	Frequency	Date	Instructor	Notes

A-RTL (05-21) CSR# JN1R0210 Page 1 of 1

Forms Manual (FM)

7.7.1 <u>Instructions for Form Use: A-RTL: Required Training Log</u>

- 1. Enter Employee full Name
- 2. Enter Employee original Hire Date
- 3. Enter Position currently held
- 4. Enter Supervisor Initials
- 5. For each Training Type listed;
 - a. Note the Training Type frequency (this is used to track recurring training)
 - b. Place the date the training was provided
 - c. Place the Instructor's full name in the space adjacent to the Training Type
 - d. Enter notes as necessary

Forms Manual (FM)

7.8 Form A-TECIF (Test Equipment Calibration and Inspection Form)

Alta Avionics LLC CRS# JN1R0210

Test Equipment Calibration and Inspection Form

Make	Model	S/N					
Calibration Date		Next Calibration Date					
instrument meets or extraceable to the Nationa	·	with approval of Alta Avionics, LLC. We certify that the distance of Alta Avionics, LLC. We certify that the distance of Alta Avionics, LLC. We certify that the distance of Alta Avionics, LLC. We certify that the accurate of Alta Avionics, LLC.					
Reference Standards:	C/NI	Record #					
		Record #					
		Record #					
		Record #					
		Record #					
		Record #					
	Calib	orated By:					
	Insp	ected By:					



A-TECIF (05-21) Page 1 of 1

Forms Manual (FM)

7.8.1 <u>Instructions for Form Use: A-TECIF: Test Equipment Calibration and Inspection</u> Form

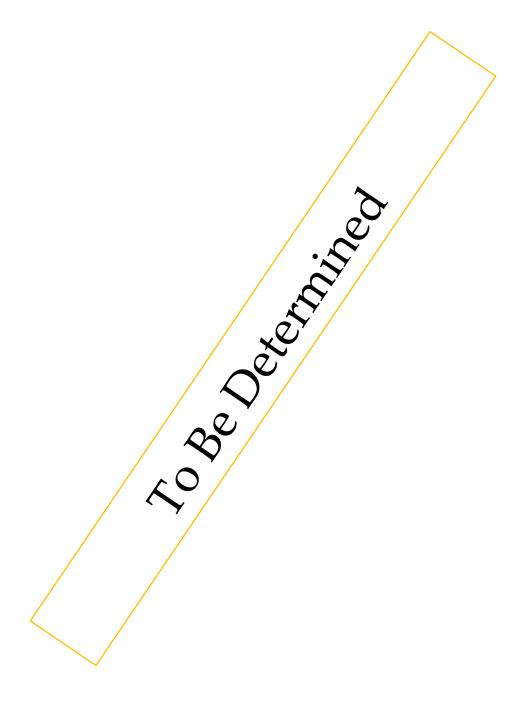
- 1. Create/Enter a Record number for this activity; Work Order Number and Work Traveler Number
- 2. Enter the equipment Manufacturer's name
- 3. Enter the Manufacturer's Model Number
- 4. Enter the Manufacturer's Serial Number
- 5. Enter the Calibration Date (the date on which the calibration was completed)
- 6. Enter the Next Calibration Date (due date) based on the manufacturer's established interval, or other established interval acceptable to the FAA
- 7. Reference Standards; standard used, record the following;
- 8. Make/Model, Serial Number, and Record Number (of previous calibration)
- 9. Enter the name of the person performing the Calibration
- 10. Enter the name of the person performing inspection of the work performed

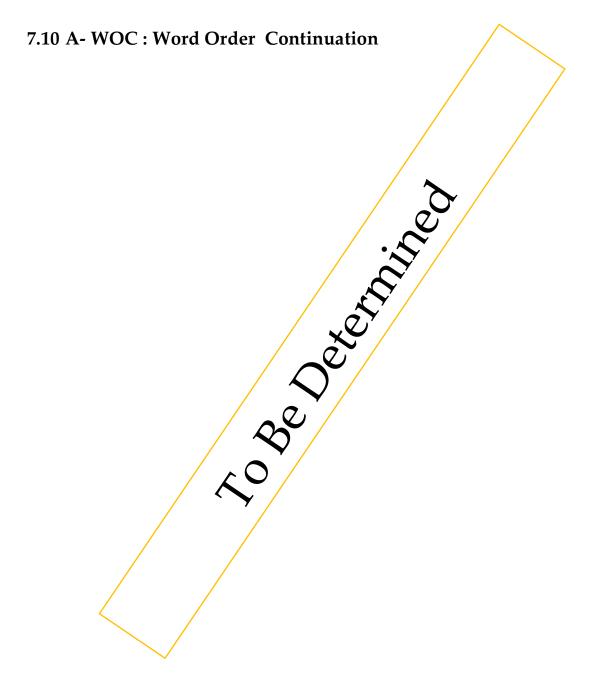
Forms Manual (FM)

7.9 A-WO: Work Order

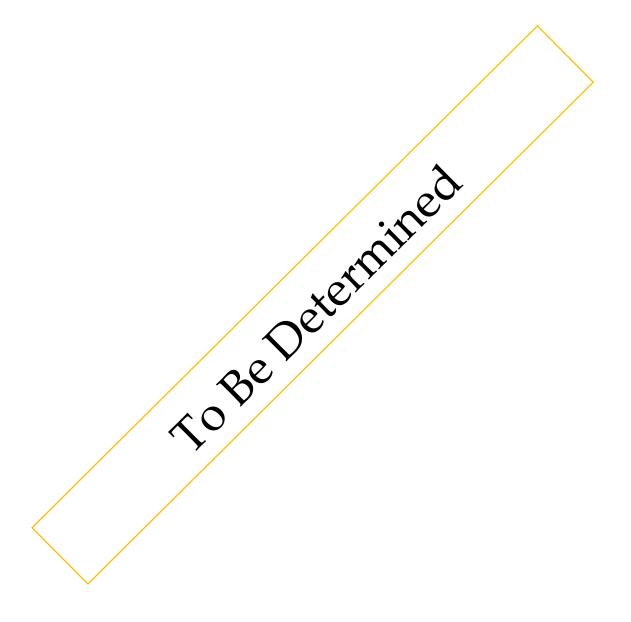
CSR: JN1R02	ALTA AVIONICS					Alta Avionics LLC 1887 S.Woods Cross, UT, 804087 (801)-550-5676						Work Order		
Customer:				Mail to:										
Phone:	20			Bill to:	Same as	Mailing Addre								
Ai Make:	rcraft A _l	ppliance					Open Dat otes	e:					Close Date:	
Reg/PN:			Model: SN:			IN	otes							
Complaint			014.											
Complaint Ver	ified: Yes	No _			Wε	arranty: Yes	N	o <u> </u>						
Preliminary	Insp	In Pro	gress 1		In Progres	ss 2	In Prog	ress 3		Final I	nspect	ion	Hidden Damage	
								Q		0				-
Major Parts	History / R	epair						T	0	F	s	R		
MFGR.	Model/D	esc.	Part Nu	nber.		Serial Numb	er	Y	Ν	F	V	P	Notes / Hrs	
														-
						C (t P	10.10000							
Reference						Software Rev Service Bulle								
Document:														
Type of Repai						0 110 11								
Funct	ional Test _	-			Ke-0	Certification_							nir	
Inspection Alteration											.0	verhaul	ed	
Corrective A	ction													
													Inspection record when FAA I ompleted FAA Form 337.	Form
			ns and Qua	ality Con	trol Manual		by the FA	A. It is	the re	sponsi	bility o	of the pe	proved repair / overhaul data ersons or agency installing the	
Repair Technic	ian		A	Authorize	ed Inspector	Ţ.							Approved For Return to Service	
Signature Requ	ıired		S	ignature	Required			Dat	te:				YES NO	
A-WO					Ve	ersion: Origina	il						0	04/2021

7.9.1 <u>Instructions for Form Use: Work Order</u>





7.10.1 <u>Instructions for Form Use: Work Order Continuation</u>



7.11 AA-AFCA : Audit Findings/Corrective Action

Alta Avionics, LLC	CRS#JN1R0210	
	Findings/Corrective Action	
<u>VENDOR AUDIT</u>	COMPANY	
	ADDRESS	
	DHOME	
DISCREPANCY		(CIRCLE ONE)
1		NEW / REPEAT
2		NEW / REPEAT
3.		NEW / KEPEAI
4. 5.		NEW / REPEAT
	DATE	
INTERNAL AUDIT	DEPT./AREA	
DISCREPANCY		(CIRCLE ONE)
1		NEW / REPEAT
2.		NEW / REPEAT
3		NEW / REPEAT
4		NEW / REPEAT
5		NEW / REPEAT
AUDITOR	DATE	
CORRECTIVE ACTION		
1.		
2		
3. 4.		
5.		
ROOT CAUSE/CORRECTIVE A	CTION (EXPLAIN)	
SIGNATURE	DATE	
AUDITOR	DATE	
	ΑΙΤΑ	
	S/NS ALIA	

A-AFCA (05-21) Page 1 of 1

Forms Manual (FM)

7.11.1 <u>Instructions for Form Use: AA-AFCA: Audit Findings/Corrective Action</u>

7.11.1.1 Vendor Audit;

- 1) Enter the name of the Company undergoing the Audit
- 2) Enter the name of a primary point of contact for the Company undergoing the Audit
- 3) Enter the physical address of the facility, of the Company undergoing the Audit
- 4) Enter the telephone number of the Company, or point of contact for the Company undergoing the audit
- 5) Discrepancy; enter a brief description of the discrepancy reported, or discovered during the audit; circle either 'New' or 'Repeat', as appropriate
- 6) Auditor; provide the name of the person performing the audit
- 7) Date; enter the date the audit was completed Internal Audit;
- 8) Enter the Department or Area undergoing the Audit
- 9) Discrepancy; enter a brief description of the discrepancy reported, or discovered during the audit; circle either 'New' or 'Repeat', as appropriate
- 10) Auditor; provide the name of the person performing the audit
- 11) Date; enter the date the audit was completed
- 12) Root Cause; enter a clear definition of the root cause and corrective action, in sufficient detail so as to aid in resolution of the discrepancy, and avoid repeats
- 13) Place the signature of the person taking corrective action on this line
- 14) Date; enter the date the person corrected the discrepancy
- 15) Place the name of the auditor on this line
- 16) Date; enter the date the corrective action was verified by the auditor

NOTE: Not all fields always require text entry. Contact your supervisor if there are questions. In cases where data is not required, DO NOT leave blank; enter N/A.

Rev 1.0 7-23 Dated 5/2021

Forms Manual (FM)

7.12 AA-IA: Internal Audit

Alta Avionics, LLC	CRS# JN1R02	<u>10</u>	
<u>11</u>	NTERNAL AUDIT		
Date of Audit:			
Facility:	CRS#:		
Department/Area:	Supervisor:		
Auditor:			
Audit Recommendations:			
1. FACILITIES AND EQUIPME	NT:	YES NO	N/A
A. Is ventilation, lighting, tempe control adequate?	rature, and humidity?	<u> </u>	<u> </u>
B. Is the floor plan laid out in an	efficient manner?		
C. Are good housekeeping pract	ices being maintained?		
D. When problems arise, are the	y taken care of promptly?		

AA-IA (05-21)

Page 1 of 6

Forms Manual (FM)

Alta A	vionics, LLC	CRS# JN	1R021	<u>0</u>
		<u>YES</u>	<u>NO</u>	N/A
2.	STATION AUTHORITY AND LIMITATIONS VS. ACTUAL PRACTICE CONTROLS OVER AND DEVIATION AUTHORITY:	ES, INCLU	JDINC	j
A.	Do employees thoroughly understand the ratings/limitations of the Alta Avionics Repair Station?			
В.	Do employees adhere closely to the Repair Station ratings/limitations?			
C.	Do employees consult a supervisor or inspector when questions arise concerning Repair Station ratings/limitations?			
3.	PERSONNEL QUALIFICATIONS, TRAINING:			
A.	Are personnel properly trained for the functions they are to perform?			
	SupervisorsInspectorsReceiving/ShippingTechnicians			
В.	Are training records maintained on all applicable personnel?			
C.	Is there a program where employees can get recurrent training?			
D.	Are qualifications monitored and upgraded through training as often as the schedule of work allows?			
4.	MANUALS AND AIRWORTHINESS DATA:			
A.	Are all required manuals at hand or easily available to all the employees?			
В.	Are all manuals up to date or properly labeled as For Reference Only?			



AA-IA (05-21) Page 2 of 6

Forms Manual (FM)

<u>Alta A</u>	vionics, LLC	CRS# JN1R0210
		YES NO N/A
C.	Are airworthiness records available to the employees?	
D.	Are drawings compiled from installation data for aircraft records? (Installation Dept)	
E.	Is there a system to prohibit hand entries or corrections to technical data?	
5.	SUPPLIER SELECTION APPROVAL AND SURVEILLANCE:	
A.	Does parts/equipment orderer have access to a list of of approved suppliers from whom they can order parts/equipment/materials/services?	
В.	Is purchased material cycled through an inspection process?	
C.	Is control maintained over procurement sources?	
D.	Does Alta Avionics have a system to approve suppliers?	
6.	PARTS AND MATERIALS HANDLING:	
A.	Are parts/materials stored properly?	
В.	Is material protected from damage, deterioration, loss or substitution?	
C.	Has a secured area been set aside for storage of non- conforming or questionable material, including separation of received materials and marketable stock (radios, instruments, equipment, parts)?	
D.	Are aircraft parts stored separately from non aircraft parts?	
E.	Does the department adhere to the traceability and record keeping requirements for the distribution of these parts?	



AA-IA (05-21) Page 3 of 6

Forms Manual (FM)

Al	ta Av	rionics, LLC	CRS# JN	1R021	<u>10</u>
			<u>YES</u>	NO	N/A
	F.	Is the department able to identify the individual parts and equipment suppliers?			
	G.	Does the department follow acceptable packaging preservation procedures?			
	н.	Does the department use adequate packaging or customers packaging when appropriate?			
	I.	Are parts/materials properly identified?			
	J.	Are parts which are susceptible to electrostatic discharge damage properly packaged, handled and stored?			
7.		INSPECTION AND QUALITY CONTROL:			
	Α.	Is the department following quality control and inspection procedures written into the Repair Station and Quality Control Manual?			
	В.	Are the inspectors properly trained?			
	C.	Is the inspection roster available to all employees of the department?			
	D.	Are all inspections for installation and repairs performed at the proper intervals?			
	Ε.	If the department inspector is absent, do the employees' of the department know where to find the alternate inspector?			
	F.	Are inspections properly documented?			
	G.	Are inspections conducted by authorized personnel only?			
	Н.	Do inspectors have access to current data necessary to support an acceptable inspection process?			



AA-IA (05-21) Page 4 of 6

Forms Manual (FM)

<u>Alta</u>	Av	rionics, LLC	CRS# JN:	1R021	<u>0</u>
8.	I.	Do inspectors have access to the proper tools, gauges, instruments, and test equipment to properly inspect the characteristics of the product? TOOL ADEQUACY AND CALIBRATION:	<u>YES</u> —	<u>NO</u>	<u>N/A</u>
ı	A.	Is all test equipment within the department marked with a CAL tag giving the CAL date, CAL due date, and CAL BY info?			
I	В.	Do the employees of the department, including department head, check the CAL dates on a regular basis?			
(c.	Do the department supervisors know where the test equipment quarantine area is for test equipment found defective or out of CAL?			
1	D.	Is the test equipment properly cared for while in use or in storage?			
1	E.	Does the department have available to it all of the required test equipment for the range of jobs it performs?			
1	F.	Does the department have available to it all of the required tooling, crimpers, removal and insertion tools?			
9.		MAINTENANCE RELEASE PROCESS:			
,	A.	Are all of the forms properly filled out for receiving an aircraft for an installation?			
I	В.	When the equipment or aircraft repair is completed, are the return to service forms properly filled out, and complete with all required inspections?			
(C.	When outside work is required, are the proper maintenance releases received from them and documented?			
10.	A.	DEFECT REPORTING: Are defects being reported when they occur in paperwork equipment, parts, or any process thereof?			
		ALTA			

Rev 1.0 7-28 Dated 5/2021

AA-IA (05-21)

Page 5 of 6

Forms Manual (FM)

Alta A	vionics, LLC	CRS# JN	1R021	.0
		YES	<u>NO</u>	N/A
11.	RECORDS AND RECORD KEEPING PROCEDURES:			
A.	Are records for the department for parts, repairs, and ongoing inspections being complied with as described in Alta Avionics, Inc. Repair Station Manual?			
В.	Are the above mentioned records being kept in storage for the required time?			
C.	Does each part have a traceability certificate that can be linked to an approved vendor?			
D.	Does Alta Avionics purchase records/sales order chain of custody lead to production approval holder (PMA, TSO, PC, TC, STC Holder) or manufacturer of standard parts?			
E.	Is serial number traceability maintained when applicable?			
12.	SHELF LIFE ITEMS:			
	A. Does the department follow Alta Avionics documented shelf life program?			
	B Are expired shelf life items properly disposed of?			



AA-IA (05-21) Page 6 of 6

Forms Manual (FM)

7.12.1 <u>Instructions for Form Use : AA-IA : Internal Audit</u>

- 1. Enter the date of the Audit (scheduled or otherwise)
- 2. Enter the title of the Facility undergoing the Audit (e.g. Henderson, Apple Valley, etc.)
- 3. Enter the repair station certificate number
- 4. Enter the name of the department or area undergoing the Audit (e.g., Stock Room, Repaired Unit Storage Area, etc.)
- 5. Enter the name of the Supervisor responsible for the department or area undergoing the audit
- 6. Enter the name of the Auditor
- 7. Enter the typical interval or scheduled Audit Interval
- 8. Enter a brief description of Recommendations under which the Audit will be conducted
- 9. Facilities and Equipment; these audit element questions are self-explanatory, review and answer all audit element questions
- 10. Authority and Limitations and Actual Practices; these audit element questions are selfexplanatory, review and answer all audit element questions
- 11. Personnel Qualifications and Training; these audit element questions are selfexplanatory, review and answer all audit element questions
- 12. Manuals and Airworthiness Data; these audit element questions are self-explanatory, review and answer all audit element questions
- 13. Supplier Selection Approval and Surveillance; these audit element questions are selfexplanatory, review and answer all audit element questions
- 14. Parts and Materials Handling; these audit element questions are self-explanatory, review and answer all audit element questions
- 15. Inspection and Quality Control; these audit element questions are self-explanatory, review and answer all audit element questions
- 16. Tool Adequacy and Calibration; these audit element questions are self-explanatory, review and answer all audit element questions
- 17. Maintenance Release Process; these audit element questions are self-explanatory, review and answer all audit element questions
- 18. Defect Reporting; these audit element questions are self-explanatory, review and answer all audit element questions
- 19. Records and Recordkeeping; these audit element questions are self-explanatory, review and answer all audit element questions
- 20. Shelf Life; these audit element questions are self-explanatory, review and answer all audit element questions

NOTE: Not all fields always require text entry. Contact your supervisor if there are questions. In cases where data is not required, DO NOT leave blank; enter N/A.

Forms Manual (FM)

7.13 AL-ACMR : Log Entry : Air Carrier Maintenance Release

ALTA		1887 S. 1800 W. Woods Cross, UT 84087 (801) 550-5676			CRS# JN1R0210		FORM AL-ACMR(05-21)	
Tail#	Mfg:		Model:	Serial:		TTAF:		Hobbs:
This is a Perma	nent Logbook Entry:							
			END					
	aintenance Release – The abov	ve identified A		aired and inspect				
Pertinent det	ails of the repair are on file at	this station under						
					1 <u></u>			

Rev 1.0 7-31 Dated 5/2021

Forms Manual (FM)

7.14 AL-ATI : Log Entry – Altimeter Test and Inspection

Z _{J,1,1} ,N							
TAIL	MAKE:	MODEL:		S/N:		ACTT	:
	NT LOGBOOK ENTRY						APPENDIX
O COMPLY WITH 9	1.411 🔲; APPENDIX	F TO COMPLY WIT	H FAR 91.41	L3 🔲; PA	ART 91.217		
AIRPORT ID	ALTITUDE	STATIC SYS	TEST ALT	#1	#2		#3
	MFG	MODEL	PART	Г#	SERIAL#		TEST ALT
ALTIMETER #1							
ADC/ENCODER #1							
ALTIMETER #2							
ADC/ENCODER #2							
ALTIMETER #STBY							
TRANSPONDER #1							
TRANSPONDER #2							
ERTINENT DETAIL	S ARE ON FILE AT	THIS REPAIR STATI	ON UNDE	R W/O#			
AUTH SIGNATURE:			DATE:		RECERT DUE	DATE:	•
	s aircraft was inspected in		1.44				

CRS: JN1R0210 Alta Avionics, LLC, 1887 S 1800 W, WOODS CROSS, UT FORM AL-ATI(05-21)

Rev 1.0 Dated 5/2021 7-32

Forms Manual (FM)

7.14.1 <u>Instructions for Form Use : AL-ATI : Altimeter Tests and Inspections</u>

- 1. Enter an X in the box, if appropriate, denoting compliance with Appendix E & F of 14 CFR 43, as required by 14 CFR 91 §91.411
- 2. Enter an X in the box, if appropriate, denoting compliance with Appendix F of 14 CFR 43, as required by 14 CFR 91 §91.413
- Static System Leak Check;
 - a. Enter the altitude, in feet, a given system is tested to
- 4. Location Performed; enter the airport identifier where the work was performed as the location
- 5. Equipment Identification;
 - a. For all installed equipment comprising the pitot/static/transponder system;
 - b. Enter the Manufacturer's name
 - c. Enter the Manufacturer's Model Number
 - d. Enter the Manufacturer's Part Number
 - e. Enter the Manufacturer's Serial Number
 - f. Enter the value (in feet above sea level) the individual equipage was tested
- 6. Enter the Work Order number under which the tests and inspections are being performed
- 7. Enter the aircraft Manufacturer's Model Number
- 8. Enter the aircraft Manufacturer's Serial Number
- Enter the aircraft registration number
- 10. Enter the aircraft Hobbs (hour) Meter time
- 11. Enter the aircraft tachometer (hours) time
- 12. Enter comments regarding the performance or functionality, as needed
- 13. Apply the signature of the person authorized to perform the tests and inspections, and return for service
- 14. Enter the date on which the tests and inspections were completed

NOTE: Not all fields always require text entry. Contact your supervisor if there are questions. In cases where data is not required, DO NOT leave blank; enter N/A.

Forms Manual (FM)

7.15 AL-GAMR : Log Entry : General Aviation Maintenance Release

ALI AVION	NICS	1887 S. 1800) W. Woods Cross, U	T 84087	CRS# TI	BD	FOR	M .E-GAMR(04-20)
Tail#	Mfg:		Model:	Serial:		TTAF:		Hobbs:

This is a Permanent Logbook Entry:

General Aviation Maintenance Release – The above identified Appliance Aircraft v	was repaired and inspected	in accordance with current regulations
of the FAA and is approved for return to service. Pertinent details of the repair are on file	e at this station under wor	k order no.
Signed:	Date:	

Rev 1.0 7-34 Dated 5/2021

Forms Manual (FM)

7.16 AT-AT (Article Tag)

ALTA Alta Avio	onics, LLC				
801-5	50-5676				
WARRANT'	WARRANTY MAY APPLY				
OPS CHK □	OH 🗆				
REPAIRED	TESTED □				
THRU	REF#				
CRS: J	N1R0210				

Forms Manual (FM)

7.16.1 <u>Instructions for Sticker/Tag/Label Use: AT-AT (Article Tag)</u>

- 1) Check the appropriate box(s) to best describe what was done to the article.
 - a) OPS CHK: Operations and Functions were checked.
 - b) OH: Overhauled
 - c) REPAIRED: Repaired
 - d) TESTED: Tested to function within approved or accepted data.
- 2) THRU: If a warranty on the work done on this article applies, insert the date through which the warranty will be valid.
- 3) REF#: Work Order number from Form A-WO.

Forms Manual (FM)

7.17 AT-CS (Calibration Sticker)



Forms Manual (FM)

7.17.1 <u>Instructions for Sticker/Tag/Label Use: AT-C (Calibration Sticker)</u>

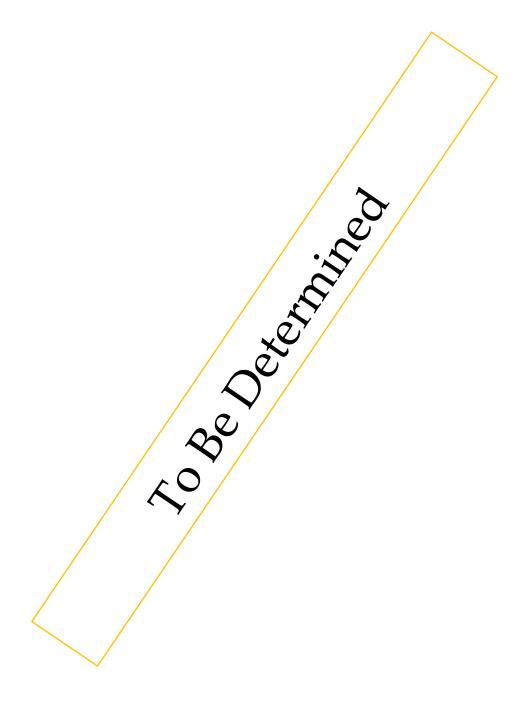
- 1) ID#: Identifying number or Serial Number that identifies the article that has been calibrated.
- 2) Date: Date (yy/mm/yyyy) that the calibration was completed.
- 3) Due: Due date of the next required calibration.
- 4) By: Enter the name of the person(s) who completed the calibration.

Forms Manual (FM)

7.18 AT-LST (Locator/Status Tag)

LOCATOR/STATUS TAG				
W/O#:				
CUSTOMER:				
PARTS:	EXCHANGE □			
	REPAIR □			
Notes:				

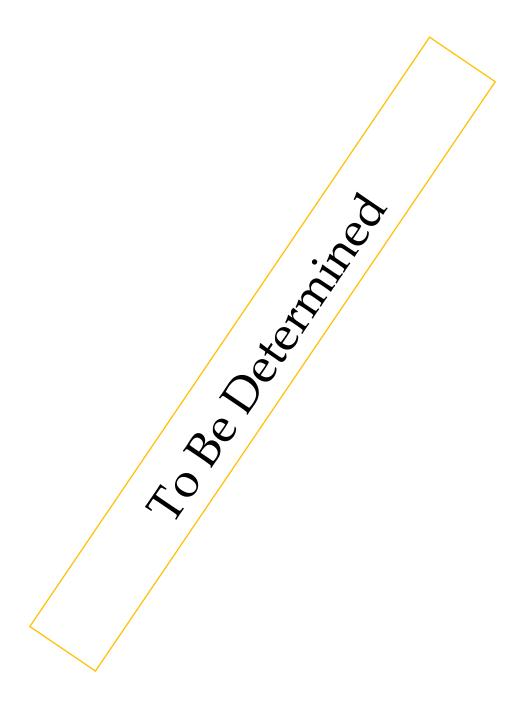
7.18.1 <u>Instructions for Sticker/Tag/Label Use: AT-LS (Locator/Status)</u>



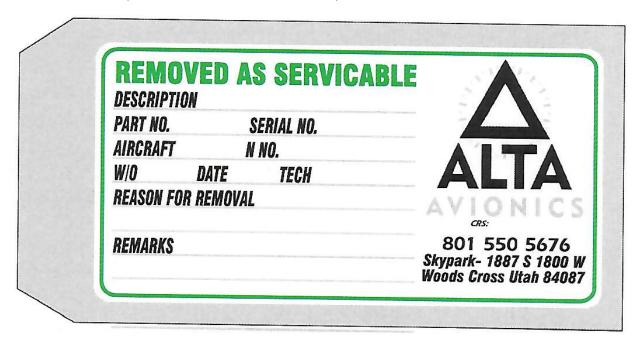
7.19 AT-Q (Quarantine Tag)

	QUARANTINE
Date/E	Ву:
Reaso	on:
P/N:_	
S/N:	
	Alta Avionics LLC 801-550-5676

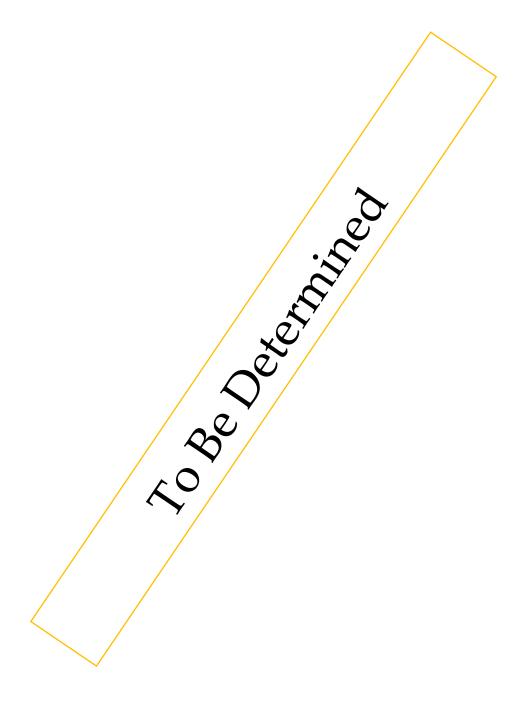
7.19.1 <u>Instructions for Sticker/Tag/Label Use: AT-Q (Quarantine)</u>



7.20 AT-RAS (Removed as Serviceable)



7.20.1 <u>Instructions for Sticker/Tag/Label Use: AT-RAS (Removed As Servicable)</u>

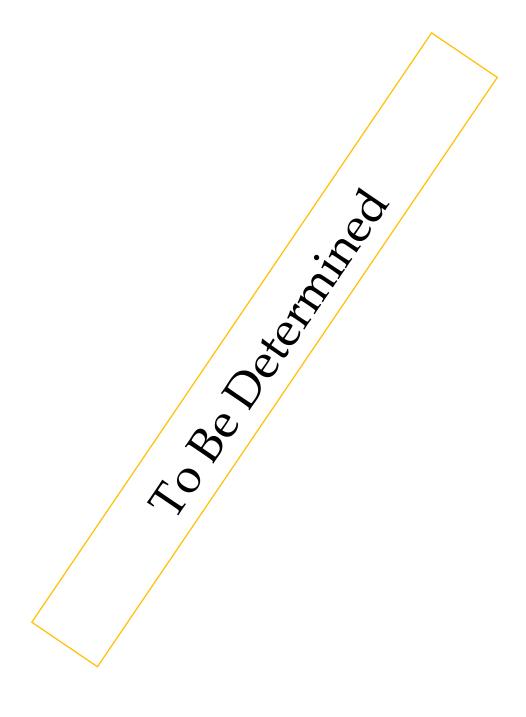


Forms Manual (FM)

7.21 AT-RFS (Repairable For Storage)

Repairable – For Storage						
MFG	Model					
S/N	P/N					
Defect						
Alta Avionics LLC	801-550-5676					
CRS: JN1R0210						

7.21.1 <u>Instructions for Sticker/Tag/Label Use: AT-RFS (Repairable For Storage)</u>

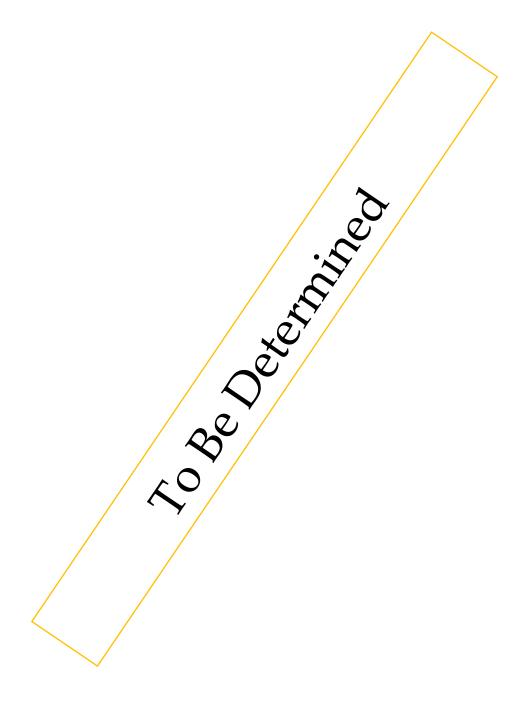


7.22 AT-Rejected Item

Reject Item

Alta Avionics LLC. 801-550-5676 CRS: JN1R0210

7.22.1 <u>Instructions for Sticker/Tag/Label Use: AT-RI (Rejected Item)</u>



7.23 AT-SLI (Shelf Life Item)

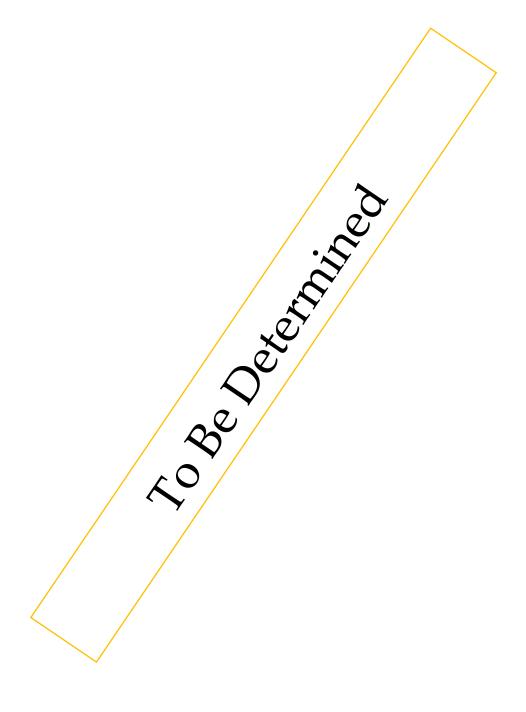
Shelf Life Item

Expiration Date____

Alta Avionics LLC

CRS: JN1R0210

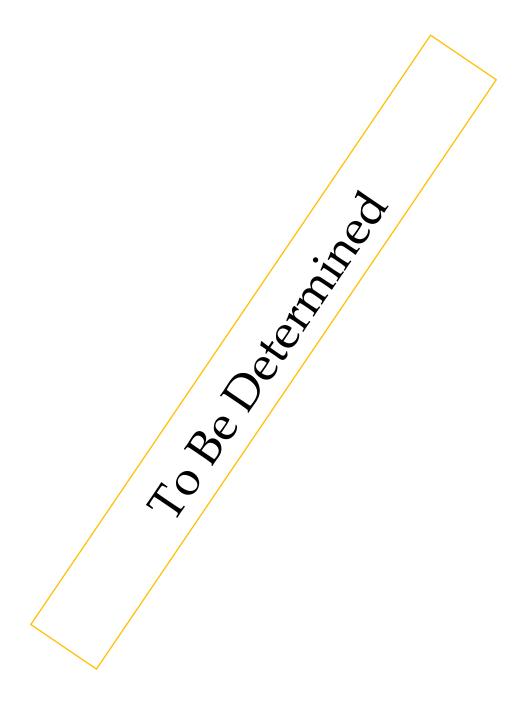
7.23.1 <u>Instructions for Sticker/Tag/Label Use: AT-SLI (Shelf Life Item</u>



7.24 AT-T43 (Tested As Per FAR 43))

This unit tested per FAR						
Part 43, Appendix E						
ToFT						
WO:	Date:					
Alta Avionics LLC	801-550-5676					
CRS: JN1R0210						

7.24.1 Instructions for Sticker/Tag/Label Use: AT-T43 (Tested As Per FAR 43)



Forms Manual (FM)

7.25 FAA Form 337: Major Repair and Alteration (Airframe, Powerplant, Propeller, or Appliance)

	2											o. 2120-002 /31/2023	20 E	lectronic Tracking Number
US Department MAJOR REPAIR AND ALTERATION								Fo	r FAA Use Only					
of Transportation (Airframe, Powerplant, Propeller, or Appliance) Federal Aviation Administration														
in	structio		ition of	this form										quent revision thereof) for It in a civil penalty for each
		Nationalit	y and R	Registration	on Mark			Serial No.						
1. A	ircraft	Make							Model				Ser	ies
		Name (As	showr	n on regis	tration certificate)			Address (As shown on registration certificate) Address				tificate)	
2. C	wner								City					State
									Zip			Cou	intry	
							3. F	or FAA Use	Only					
	4. 1	Гуре					5. l	Jnit Identifica	tion					
F	Repair	Alteration		Unit		Mal	ke			Мос	del			Serial No.
			AIRFF	RAME					(As described in Item 1 above)					
			POWE	ERPLAN'	г									
			PROP	PELLER	T									
			APPLI	IANCE	Type Manufacturer									
		a Nama and A	ddraaa			6.		nformity Stat						
A. Agency's Name and Address B.						В.	Kind of Agend	or Agency 6. Certificated Mechanic Manufacturer						
Addre												C. Certificate No.		
State							Certificated Repair Station							
Zip	Zip Country Certificated Maintenance Organization													
D.	have	been made in	accord	lance witl	ion made to the un the requirement to the best of my	s of F	art	43 of the U.S						r attachments hereto ne information
per	Extended range fuel per 14 CFR Part 43 App. B Signature/Date of Authorized Individual													
					7.	. App	rov	al for Return	to Service					
					ons specified be Iministration and i		the	e unit identifi	ed in item 5 v		nspecte Rejecte		ne m	nanner prescribed by the
BY		FAA Flt. Stand Inspector	ards	Ма	nufacturer		Ma	aintenance Or	ganization	041-	Depar	tment of T		y Canadian port
		FAA Designee		Rep	pair Station		Ins	spection Author	orization	Other (Specify)				
	ificate o			Sigr	ature/Date of Aut	horiz	ed I	ndividual						

FAA Form 337 (10/06)

Forms Manual (FM)

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets.	Identify with aircraft na	ationality and registration mark and date wo	rk completed.)
		Nationality and Registration Mark	Date
	Additional Shee	ets Are Attached	

FAA Form 337 (10/06)

Forms Manual (FM)

7.25.1 <u>Instructions for Form Use: FAA Form 337 (Major Repair and Alteration)</u>

Authorized Alta Avionics, LLC personnel filling out FAA Form 337 **must** read and understand FAA Advisory Circular (AC) 43.9 (as revised), (Instructions for Completion of FAA Form 337). Authorized Alta Avionics, LLC personnel filling out FAA Form 337 **must** also read and understand CFR 14 Part 43, Appendix B (Recording of Major Repairs and Major Alterations).

- 1) As requested by the owner/operator and allowed by 14 CFR Part 43 Appendix B para (b), Major Repairs can be recorded in the work order and a maintenance log entry instead of FAA Form 337.
- 2) When required, records of major repairs and alterations will be made on FAA Form 337. Completion of FAA Form 337 will be accomplished using FAA Advisory Circular (AC) 43.9 (as revised), (Instructions for Completion of FAA Form 337) and CFR 14 Part 43, Appendix B (Recording of Major Repairs and Major Alterations).

NOTE: After completion, the original FAA Form 337 shall be supplied to the customer. A copy will be made part of the work order package for the repair station records, and (within 48 hours) a copy will be forwarded to:

FAA Aircraft Registration Branch P.O. Box 25504 Oklahoma City, OK 73125-0504

Forms Manual (FM)

7.26 FAA Form 8130-3: (Authorized Release Certificate)

	ing Civil Aviation hority/Country:	2.			3. Form Tracking Number:
	\/United States	AUTHORIZED	RELEASE (CERTIFICAT	ГЕ
		FAA Form 8130-	-3, AIRWORTHINESS A		
4. Organiz	zation Name and Address:				5. Work Order/Contract/Invoice Number:
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
12. Remai	·ks:				
40.00.0				TTD 40.0 D	
13a. Certi	fies the items identified ab	ove were manufactured in conformity to:		FR 43.9 Return to Service	Other regulation specified in Block 12
	Approved design data and	l are in a condition for safe operation.			ed in Block 12, the work identified in Block 11 plished in accordance with Title 14, Code of
	Non-approved design data	espect to that work, the items are approved for			
		142		o service.	14
13b. Auth	orized Signature:	13c. Approval/Author	rization No.: 14b. Author	ized Signature:	14c. Approval/Certificate No.:
13d. Nam	e (Typed or Printed):	13e. Date (dd/mmm/y	yyy): 14d. Name (Typed or Printed):	14e. Date (dd/mmm/yyyy):
		Use	er/Installer Responsibili	ties	
It is impor	tant to understand that the	e existence of this document alone does not a	automatically constitute autho	ority to install the aircraft eng	ine/propeller/article.
Where the Block 1, it specified in	is essential that the user/in	ork in accordance with the national regulationstaller ensures that his/her airworthiness au	ons of an airworthiness authority accepts aircraft engin	ority different than the airwor ne(s)/propeller(s)/article(s) fro	thiness authority of the country specified in om the airworthiness authority of the country
			all cases, aircraft maintenance	e records must contain an inst	allation certification issued in accordance with the
		not constitute installation certification. In a aller before the aircraft may be flown.	all cases, aircraft maintenance	e records must contain an inst	allation certification issued in accordance with the

FAA Form 8130-3 (02-14) NSN: 0052-00-012-9005

Forms Manual (FM)

7.26.1 <u>Instructions for Form Use: FAA 8130-3 (Authorized Release Certificate)</u>

Authorized Alta Avionics, LLC personnel filling out Form FAA 8130-3 **must** read and understand FAA order 8130.21 as revised, (Procedures for Completion of the Authorized Release Certificate, FAA Form 8130-3, Airworthiness Approval Tag). Authorized Alta Avionics, LLC personnel filling out form FAA 8130-3 should also read and understand FAA Order 8130.21H (Authorized Release Certificate, FAA Form 8130-3, Airworthiness Approval Tag Frequently Asked Questions (FAQ))

The following instructions explain in summary the appropriate procedures in filling out this form. These procedures are derived from FAA Order 8130-21 (as revised). In all cases where there is a conflict with these instructions and with FAA Order 8130-21 (as revised), FAA Order 8130-21 will take precedence and the conflict reported to a supervisor at Alta Avionics, LLC.

1) Approving National Aviation Authority/Country:

FAA/United States (Preprinted)

2) Authorized Release Certificate, FAA form 8130-3, Airworthiness Approval Tag.(Preprinted)

3) Form Tracking Number:

The number will be unique to each serialized component and be comprised of the Work Order number (Form A-WO), a dash (-) followed by the squawk or step number from that Work Order. One squawk in the work order per serialized component unless the P/N in Blk. 8 comprises many serialized parts to make a kit or set. In these cases, create an attachment to the 8130-3 listing all serialized components of the same P/N.

4) Organization Name and Address:

Alta Avionics, LLC. 1887 S. 1800 W. Woods Cross, Utah 84087, FAA Repair Station #: JN1R0210.

5) Work Order/Contract/Invoice Number:

Alta Avionics, LLC Work Order number from Form A-WO, corresponding to the work scope.

6) **Item**: Alta Avionics, LLC is only authorized to use this form for approval for return to service and only allowed to issue 1(one) x 8130-3 for "1" P/N at a time.

7) **Description**:

Enter the name or description of the product, part or appliance as referenced in a part catalog or overhaul manual.

8) Part Number:

Enter part number of the product or article. There should be ONE(1) part number per one(1) Form 8130-3. If the article being worked is a subassembly that does not have a part number of its own, enter the next higher assembly number followed by the word "subassembly". If appropriate, add further descriptive information in Block. 12 (Remarks).

9) Quantity:

Enter "1" unless there are multiple un-serialized components of the same P/N in Block. 8. Or multiple S/N's of the same P/N that make up a kit/set.

Forms Manual (FM)

10) Serial Number:

If the product or article is required by part 45 to be identified with a serial number, enter it here. Additionally, any other serial number not required by regulation also may be entered. If no serial number is entered in this block, enter "N/A." Multiple serial numbers can be entered here associated with one part number.

11) Status/Work:

The following describes what to enter in a specific situation. Only one term may be entered in Block 11, which should reflect the majority of the work performed by Alta Avionics, LLC.

a) "Overhauled":

A process that ensures the article is in complete conformity with the applicable service tolerances specified in the type certificate, manufacturer's instructions for continued airworthiness or in the data approved or accepted by the authority. The product or article will be at least disassembled, cleaned, inspected, repaired as necessary, reassembled, and tested in accordance with the approved or accepted data.

b) "Repaired":

Repair of defect(s) using an applicable standard.

c) "Inspected" and/or "Tested":

Examination or measurement in accordance with an applicable standard (for example, visual inspection, functional testing, or bench testing).

d) "Modified":

Alteration of a product or article to conform to an applicable standard.

NOTE: The applicable standard used in any of the above must be described in Block 12 (Remarks).

12) Remarks:

Describe the work identified in Block 11 and associated results necessary for the user or installer to determine the airworthiness of the product or article in relation to the work being certified. Example: "Overhauled in accordance with 'Mooney M20 Series Service & Maintenance Manual', Section: H.1, Manual: MAN104, Revision: July 1980", and AD reference where applicable. If necessary, a separate sheet may be used and referenced from the main FAA Form 8130-3. Each statement must clearly identify which product or article in Block 6 it relates to.

NOTE: The applicable standard must be described in this block.

13) **'a' through 'e'**:

Blocks 13a through 13e: Shade, darken, or otherwise mark to preclude inadvertent or unauthorized use, (For original manufacturer of new components only).

- 14) Approval for Return to Service.
 - a) Both boxes are to be checked for a valid dual release.

b) Authorized Signature:

This space will be completed with the signature of the Alta Avionics, LLC authorized

Forms Manual (FM)

person. Only persons specifically authorized and listed on the Alta Avionics roster are permitted to sign this block. The approval signature must be applied at the time and place of issuance.

c) Approval/Certificate No.:

Enter the Alta Avionics, LLC Certified Repair Station number: JN1R0210.

d) Name (Typed or Printed):

Type or print name of the authorized representative whose signature appears in Block 14b.

e) Date (dd/mmm/yyyy):

The date to be entered in Block 14e for approval for return to service will be the date on which the original work was completed. The date must be in the following format: two-digit day, first three letters of the month, and four-digit year, for example, 10/JUN/2021.