

FORMS MANUAL (FM)

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

Rev 1.0 Dated 03/2020

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2 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.

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. The most current version will be supplied through a desktop icon named "KAI Manuals" on all computer terminals supplied by Alta Avionics ,LLC. 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.

3 Manual Control

This manual will be stored on Alta Avionics main computer server. Alta Avionics, LLC will supply a direct link, 'KAI Manuals', on every computer terminal for manual access to all employees. A computer system data backup will be performed once each month, with rolling data 'snapshots' each day, and that data will be used to restore repair station data in the event of computer failure. Each employee will be trained on the procedure to access all the manuals at the time of hiring.

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 KA-10 (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 (Certificate Holding District Office) in electronic format (PDF) for acceptance. 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 will be identified by a vertical bar in the margin.

Revisions found "un-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 "unacceptable" by the FAA/CHDO will be addressed in the following order:

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.

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.

Problems that do not affect aircraft and/or appliances will be dealt with internally and - immediately to correct them.

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3.1 Satellite Facilities

All satellite facilities under Alta Avionics, LLC will also be supplied with a direct link 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.

Alta Avionics, LLC Forms Manual (FM)

4 Record of Revision – Forms Manual

Revision	Revision	Description of Revision	Repair Station
Identification	Date		Approval
1.0	4/2020	Initial Version Complete	See 'List of Effective Pages'

5 General Description

5.1 Form AA-ACT (Airspeed Calibration Test)

This form is used when calibrating Airspeed Indicators or similar appliances. The completed form will be scanned into the appropriate records and/or the workorder.

5.2 Form AA-AT (Autopilot Test)

This form is used when testing the operation of an installed autopilot system. The completed form will be scanned into the appropriate records and/or the workorder.

5.3 Form AA-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 scanned into the appropriate records and/or the workorder.

5.4 Form AA-ATCC (Aircraft Task Completion Checklist)

This is a checklist used in conjunction with return to service inspections of aircraft. It will be completed and initialed by the technician and authorized inspector, dated. Upon completion, the form will be scanned into the appropriate work order.

5.5 Form AA-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 scanned into the appropriate records and/or the workorder.

5.6 Form AA-AUD-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.

5.7 Form AA-AUD-AFCL (Audit Findings Control Log)

This form is used to keep a tally of Audit Findings which are the result of an audit. Upon completion, forms are to be electronically filed with appropriate audit in Alta Avionics, LLC computer system.

5.8 Form AA-AUD-AR (Audit Request)

This form is used to request a new vendor, current vendor, or internal audit.

5.9 Form AA-AUD-CVA (Calibration Vendor Audit)

This form is used to audit and evaluate test equipment/tool calibration facilities. Upon completion, forms are to be electronically filed with appropriate audit in Alta Avionics, LLC computer system.

5.10 Form AA-AUD-IA (Internal Audit)

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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.

5.11 Form AA-AUD-VA (Vendor Audit)

This form is used for vendor audit and evaluation. Upon completion and approval of this form, a vendor may be placed on the Approved Vendor List, and electronically filed with vendor audits in Alta Avionics, LLC computer system.

5.12 Form AA-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 scanned into the appropriate records and/or the work order.

5.13 Form AA-CLEF (Capabilities List Self-Evaluation Form)

This form will be used to evaluate the proposed repair station that is requesting an added capability to the Ops Specs' limited rating.

5.14 Form AA-Compass Swing Documentation Sheet

This form is used to document the data found while doing a compass swing. The completed form will be scanned into the appropriate records and/or the work order.

5.15 Form AA-ECTCR (Electromagnetic Compatibility Test Completion Record)

This form is used when conducting DO-160 testing of components. The technician will complete and sign the form upon completion of testing.. Completed forms will be scanned in appropriate work order.

5.16 Form AA-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.

5.17 Form AA-IIC (Installation Inspection Checklist)

This checklist is used during aircraft installations. The technician will use this as a checklist during the installation, and to document inspections. It will be signed upon completion and scanned into the appropriate work order.

5.18 Form AA-LE-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 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.

5.19 Form AA-LE-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.

5.20 Form AA-LE-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 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.

5.21 Form AA-MACS (Master Altimeter Correction Sheet)

This form is used when calibrating pitot/static test equipment and/or altimeters. The technician will document the results of the calibration and/or test, and sign. The completed form will be scanned into the appropriate records and/or the work order.

5.22 Form AA-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.

5.23 Form AA-RT (Radar Test)

This form may be used at the discretion of the Service Department Supervisor. When using this document, the technician will document the results of the test and sign. The completed form will be scanned into the appropriate records and/or the e work order.

5.24 Form AA-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 scanned in Alta Avionics', Inc. computer system under the employee's Training Records.

5.25 Form AA-SPL (Scrapped Parts Log)

This form is used to document scrapped parts. This form will be completed and signed by an authorized inspector. The Chief Inspector, or his/her designee, will verify by signature. The form will be kept on file for not less than two years.

5.26 Form AA-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 scanned into the appropriate records and/or the e work order.

5.27 Form AA-VSICC (Vertical Speed Indicator Correction Card)

This form is used when testing the accuracy of a vertical speed indicator. The technician will document the results and sign the form upon completion of testing. Upon completion, the form will be scanned into the appropriate work order.

5.28 Form AA-WBELR (Weight/Balance & Equipment List Revision)

This form is used to amend the aircraft's weight and balance, and equipment list. The technician will complete this form when the weight and balance has changed, or new equipment has been installed. An authorized inspector will sign and place into the Airplane Flight Manual. The completed form will be stored and/or scanned into the appropriate records and/or the work order.

5.29 Form AA-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 on the front 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.

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5.30 Form AA-WT – (Work Traveler)

This form is used for documenting pertinent information such as: Work order number, customer information, description of aircraft or appliance, customer complaint, parts history, repair description, inspection record, type of repair, repair technician, and authorized inspector signature with Return to Service determination. The work traveler will be used by the technician accomplishing the work. The technician will ensure that all applicable information is completed. Both technician and authorized inspector will sign the work traveler when complete. The technician and inspector can be the same person if authorized in the Roster of Repair Station Personnel. The authorized inspector will determine if the item is approved for Return to Service. Each completed work traveler will be stored in Alta Avionics, LLC. computer system.

5.31 Label AA-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.

5.32 Label AA-ML (Manual Label)

This label is used on technical manuals to show their status. The technician will check to see if manual is current, reference only, or static, and document current status on the label with initials and date.

5.33 Label AA-TS (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.

5.34 Tag Airworthiness Approval Tag FAA Form 8130-3

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.

5.35 Tag AA-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.

5.36 Tag AA-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.

5.37 Tag AA-REP (Repairable Equipment/Parts)

This tag is used to identify equipment/parts that are repairable. The technician and/or inspector will complete, and attach this tag, to equipment or parts that may be repairable. They will remain with the equipment/part until disposition, and then destroyed.

5.38 Tag AA-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.

5.39 Tag AA-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.

5.40 Tag AA-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.

5.41 Tag AA-ST (Scrap Tag)

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.

5.42 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

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5.43 Satellite Facilities

All computer generated forms will have the option to select the appropriate facility. This will enable all forms to display the correct address and CRS#.

All non-computer generated forms that specify location or CRS number will have either all locations displayed or all CRS numbers displayed to comply with previous FAA accepted forms.

6 Forms

6.1 AA-ACT : Airspeed Calibration Test

Alta Avionics, LLC.

Alta Avionic, LLC CRS# 7AYR463B 1887 SOUTH 1800 WEST Woods Cross, UT 84087

Date	Work Order	Pitot Static ID #
P/N		S/N

AIRSPEED CALIBRATION/TEST

Airspeed	Correction	Airspeed	Correction	Airspeed	Correction
0		40		60	
80		100		120	
140		160		180	
200		220		240	
260		280		300	
320		340		360	
380		400		420	

KTS				
МРН				
			-	Calibrated By
			_	Inspected By

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6.1.1 <u>Instructions for Use : AA-ACT : Airspeed Calibration Test</u>

- 1) Enter the date the form is used
- 2) Enter the Repair Station Work Order number
- 3) Enter the Pitot Static system ID number
- 4) Enter the Part Number of the Airspeed Indicator
- 5) Enter the Serial Number of the Airspeed Indicator
- 6) Record in this section, the results of the Airspeed Indicator test
- 7) Select which airspeed measurement is indicated on the instrument
- 8) Enter the name of the person who performed the calibration test
- 9) Enter the name of the person who performed the Final Inspection

6.2 AA-AT : Autopilot Test

Date:	AUTOPILOT TEST Date: WO:						
Equipment	Manufacture	r Model	Se	erial Number			
Computer							
Controller							
Air Data							
Attitude Gyro							
Heading Gyro							
Mode Selector							
Servo							
Servo Servo							
Servo							
SCIVO							
Attitude Gyro Operat	ion	Не	eading Gyro Operation	on			
Current Drain@	Volts. Power S	upply Voltage Check	Low Voltage Op	peration Volts			
Left Turn Bank Ang	ele Degree. Re	oll Trim	Right Bank Angle_	Degree			
	Heading DC	<u>Headi</u>					
	LR	L					
D	VOR Intercept	LOC In	itercept				
L	C CRSE L R _	DC CRSE L	K				
A	C CRSE L K _	AC CRSE L	K				
Pitch UP Angle	_ Degree.		Pitch DOWN Angl	e Degree			
Alt. Hold Signal	Versus Pitch A	Angle Auto Pitcl	n Trip UP	DOWN			
GS Inhibit (BC)	Spee	ed and Scheduling	Pitch	Sync			
BC Operation	Nav	1 / Nav 2 Select	Auto	Disconnect			
Autopilot Engage	Rem	note Disconnect	Self	Γest			
	 <u>Fl</u>	ight Director Opera	<u>tion</u>				
Pitch UP	Pitch DOWN	Roll LEFT	Roll RIG	GHT			
Yaw Damp Signal I	nput Versus C	Output Engage	e Remote l	Disconnect			
	Start Voltage	Speed	Torque	Clutch Torque			
Roll Servo							
Pitch Servo							
Yaw Servo							
Pitch Trip							
Yaw Trim							
This unit meets or	exceeds manufactu	ring specifications.					
		ATTA					
Tooted DV:		AVIONICS	nanaatad DV.				
Tested BY:		70.08° I	nspected BY: :				

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6.2.1 <u>Instructions for Form Use: Autopilot Test</u>

- 1. Enter the date of the work
- 2. Enter the Work Order number on which the work is being performed
- 3. Enter the Autopilot equipment specifics; Manufacturer, Model, and Serial Number
- 4. Equipment Operational characteristics;
 - a. Attitude Gyro; enter all performance parameters as tested
 - b. Heading Gyro; enter all performance parameters as tested
 - c. Left Turn and Bank; enter all performance parameters as tested
 - d. Right Turn and Bank; enter all performance parameters as tested
 - e. Heading DC; enter all performance parameters as tested
 - f. Heading AC; enter all performance parameters as tested
 - g. VOR intercept; enter an X for L and R to denote functional check accomplished
 - h. LOC intercept; enter an X for L and R to denote functional check accomplished
 - i. Pitch Up Angle; enter degrees as tested
 - j. Pitch Down Angle; enter degrees as tested
 - k. Altitude Hold Signal; enter values as tested
 - 1. Versus Pitch Angle; enter values as tested
 - m. GS Inhibit (BC); enter an X to denote functional check accomplished
 - n. Speed and Scheduling; enter an X to denote functional check accomplished
 - o. Pitch Sync; enter an X to denote functional check accomplished
 - p. BC Operation; enter an X to denote functional check accomplished
 - q. Nav 1 / Nav 2 Select; enter an X to denote functional check accomplished
 - r. Auto Disconnect; enter an X to denote functional check accomplished
 - s. Autopilot Engage; enter an X to denote functional check accomplished
 - t. Remote Disconnect; enter an X to denote functional check accomplished
 - u. Self Test; enter an X to denote functional check accomplished

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- 5. Flight Director Operational characteristics
 - a. Pitch Up; enter an X to denote functional check accomplished
 - b. Pitch Down; enter an X to denote functional check accomplished
 - c. Roll Left; enter an X to denote functional check accomplished
 - d. Roll Right; enter an X to denote functional check accomplished
 - e. Yaw Damp Signal Input; enter an X to denote functional check accomplished
 - f. Versus Output; enter an X to denote functional check accomplished
 - g. Engage; enter an X to denote functional check accomplished
 - h. Remote Disconnect; enter an X to denote functional check accomplished
 - i. Enter values as tested for Start Voltage, Speed, Torque, and Clutch Torque for;
 - i. Roll Servo
 - ii. Pitch Servo
 - iii. Yaw Servo
 - iv. Pitch Trim
 - v. Yaw Trim
- 6. Enter the name of the person performing the tests and functional checks
- 7. Enter the name of the person performing inspections of the work performed

6.3 AA-LE-ATC-TMSI: ATC Transponder and Mode S Inspection

ATC TRANSPONDER AND MODE S INSPECTION 14 CFR PART 43, APPENDIX F

DATE:	W/O # 7	ΓAIL # S/N
	Inspection(s) in Accordan Transponder #1	ce With 14 CFR Part 43, Appendix F Transponder #2
Mfg		Mfg.
Model _		Model
P/N _	S/N	P/NS/N
Radio Rep Mode S	ly Frequency 1087 to 1093 MHZ 1089 TO 1091	Radio Reply Frequency 1087 to 1093 MHZ Mode S 1089 TO 109
Peak Outp	ut Power > 125 and < 500 Watts	Peak Output Power > and < 500 Watts
Mode S T	X 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	e (-9db) 90% > Reply	Reply Rate (-9db) 90% > Reply
Receiver S Mode 3/A	ensitivity - 66 to -77 dbm	Receiver Sensitivity -66 to -77 dbm Mode 3/A
Receiver S Mode C	ensitivity - 66 to -77 dbm	Receiver Sensitivity -66 to -77 dbm Mode C
Difference	≤ 1 dbm	Difference ≤ 1 dbm
Receiver S Mode S	ensitivity -68 TO -77 dbm 90% Reply	Receiver Sensitivity Mode S -68 TO -77 dbm 90% Reply
Mode S Mode S Mode S Formats	Diversity Transmission Channel Isolation [] > 20db (May require Antenna Isolation) Address [] Correct Reply UF=0 [] UF=16 [] UF=21 [] UF=4 [] UF=20 [] UF=24 [] UF=5 [] UF=11 [] DF=11 []	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$
Mode S All Call	Mode S PASS FAIL All Call	
Antennas S	Secure & In Good Condition	Antennas Secure & In Good Condition
*SYSTE	M PASSES	*SYSTEM PASSES
Note #2: Rece	k Output Power Radiated Class 1A Min 125 Watts Class 1B Min 70 Watts eiver Sensitivity Includes Additional –3dbm Allowed VE INSPECTION(S) PERFORMED WITH	d for Radiated Signals THE TRANSPONDER(S) INSTALLED IN THE AIRCI
4NOTE	OHEOU IN BOY INDICATED BACK B	TESTED BY
	CHECK IN BOX INDICATES PASS, B	BLANK BUX TEST N/A
1 ester – Il	D #	
AA-LE-A	ГС-TMSI(04-20)	ALTA PAVIONICS P

Rev 1.0 6-7 Dated 04/2020

Forms Manual (FM)

6.3.1 <u>Instructions for Form Use : AA-LE-ATC-TMSI : Log Entry 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

6.4 AA-ATCC: Aircraft Task Completion Checklist

AIRCRAFT TASK COMPLETION CHECKLIST

File this copy with the Work Order

		A/CII			
*Date	*WO #	*A/C N*A/C S/N			
Final	I. Mechanical	* NOTE: REQUIRED INFORMATION			
Fillai	Aircraft walk-around (Pre-	-flight inspection plates)			
	Radios and remote boxes l	<u> </u>			
	Antennas in place and und	amaged			
	Controls free and clear				-
	Panel screws and fasteners	s tight and secure			
	Control lock in place				
	II. Tie-up				
	All harnesses in place				
	Appearance				
	III. Operations				
	Post lights, panel lights, ar	nd flood lights			
	Pitot heat				
	Radio readouts and display	ys			
	IV. Radio and Instrumer	nt Checks			
	P-T-T, marker lights				
		on panel speakers & phones on, check on appropriate frequencies depending on locate	ian, #1	; #2	: #3 :
		against field elevation, check barometric adjustment; #1	; #2_	, #2; #3	
		turns if aircraft is outside and clear of obstructions	, #2_	, #3_	
	Weather detection system				
	Radar altimeter—check te	*	#1	; #2	
		quencies, self-test, or Nav Tester	#1	; #2	<u>-'</u> .
	Check digital display.	•		,	
	DME – check on appropris	ate frequencies depending on location.	#1	; #2	;
		riate frequencies depending on location.			
		onds point, check all quadrants; check audio.	#1	; #2	;
	Transponder – check test a	uencies depending on location).	#1	: #2	
	TCAS self test.				
	RMI – check operation of	needles and heading card.	#1	; #2	-;
	H.S.I. – check slaving and	NAV function.	#1	; #2	<u>=</u> ;
	FMS		#1	; #2	; #3;
	EFIS/MFD - self test				
	Glideslope – check on loca	al frequencies, self-test, or Nav Tester.	#1	; #2	;
	Altitude Hold, Yaw damp	irector; engage; check left; right; up; down; manual; head	ding; cours	se 1 & 2, ne	edle 1 & 2,
	Check aircraft trim centeri	- · · · · · · · · · · · · · · · · · · ·			
	Wheel switch checkout – l				
		t; moving map & Annunciator functions (if applicable)	#1	; #2	; #3;
	Check vacuum (if applicat				
	Static System Check; #1_	; #2; #3; #4;			

Form AA-ATC(04-20)



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AIRCRAFT TASK COMPLETION CHECKLIST

Final			
	Attitude gyro switch (for applicable autopilots)		
	CVR – self test		
	GPWS – self test		
	Other (describe):		
	Circuit Breakers - checked and set		
	V. Appearance		
	Panel Paint, Interior as received, all loose items in A/C arranged as found		
	"Do Not Fly" tag removed		
	"Report Card" completed and attached		
	Advise Maintenance Control of status / NAME:		

*N/A – Not Applicable

**NWA – Not Working Area

Technician Initials	Supervisor Initials	Date
	COMMENTS	

Form AA-ATC(04-20)



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Forms Manual (FM)

6.4.1 <u>Instructions for Form Use: AA-ATCC: Aircraft Task Completion List</u>

- 1. Enter Date the form is initiated.
- 2. Enter Work Order Number under which the installation was accomplished
- 3. Enter the aircraft Registration Number
- 4. Enter the aircraft Serial Number
- 5. Enter the total time (hours) on the aircraft, or the current reading on the tachometer, or Hobbs meter

6. Mechanical;

- The scope of this inspection should be commensurate to the scope of the installation, and therefore may not entail every element or system identified on the Aircraft Task Completion Checklist
- b. These Checklist Items are self explanatory; review and take the appropriate actions; contact supervisory personnel if a given item cannot be accomplished
- c. Document all discrepancies noted on Work Order Traveler for customer or management disposition

7. Tie-up;

- The scope of this inspection should be commensurate to the scope of the installation, and therefore may not entail every element or system identified on the Aircraft Task Completion Checklist
- b. These Checklist Items are self explanatory; review and take the appropriate actions; contact supervisory personnel if a given item cannot be accomplished
- c. Document all discrepancies noted on Work Order Traveler for customer or management disposition

8. Operations;

- The scope of this inspection should be commensurate to the scope of the installation, and therefore may not entail every element or system identified on the Aircraft Task Completion Checklist
- b. These Checklist Items are self explanatory; review and take the appropriate actions; contact supervisory personnel if a given item cannot be accomplished
- c. Document all discrepancies noted on Work Order Traveler for customer or management disposition

9. Radio and Instrument Checks:

- a. The scope of this inspection should be commensurate to the scope of the installation, and therefore may not entail every element or system identified on the Aircraft Task Completion Checklist
- b. These Checklist Items are self explanatory; review and take the appropriate actions; contact supervisory personnel if a given item cannot be accomplished
- c. Document all discrepancies noted on Work Order Traveler for customer or management disposition

Forms Manual (FM)

10. Appearance;

- The scope of this inspection should be commensurate to the scope of the installation, and therefore may not entail every element or system identified on the Aircraft Task Completion Checklist
- b. These Checklist Items are self explanatory; review and take the appropriate actions; contact supervisory personnel if a given item cannot be accomplished
- c. Document all discrepancies noted on Work Order Traveler for customer or management disposition
- 11. Enter the Initials of the technician or inspector accomplishing the checklist
- 12. Enter the Initials of the supervisor overseeing the accomplishment of the checklist
- 13. Enter the date the checklist was completed
- 14. Enter any comments or general observations made while completing the checklist

Forms Manual (FM)

6.5 AA-ATI : Altimeter Test/Inspection

WO#

Tester ID # _

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

ENCODER/ADC MFR. _

PILOT ALT.						PART #				
CO-PILOT ALT.		MODEL #_				MODEL #				
STBY ALT.		S/N				S/N				
		Scale	Error				_	Baro	metric Scale E	rror
Altitude	Norm	Stby	Tol.	Encoder	Fric	tion		Barometric	Altitude	Altitude
	1101111	Oloy		Lincodes		Tol.		Scale	Difference	Difference
-1,000			20		\sim	NA	L		Ref.	
0			20		\sim	NA	L	28.10	-1727	
500			20		\sim	NA	L	28.50	-1340	
1,000			20			70	L	29.00	-863	
1,500			25		\sim	NA	L	29.50	-392	
2,000			30			70	L	29.92	0	
3,000			30			70	L	30.50	+531	
4,000			35		\sim	NA		30.90	+893	
5,000	\times	\geq	NA	\langle		70		30.99	+974	
6,000			40		\sim	NA		Tolera	$nce = \pm 25$	Feet
8,000			60		\sim	NA	<u> </u>			
10,000			80			80	_		Hysteresis	s
12,000			90		\times	NA		% of Alt.	Up Reading	Down Reading
14,000			100		X	NA		40%		
15,000	\sim	> <	NA	\mathbb{N}		90	Г	50%		
16,000			110		\times	NA		Tole	erance = ± 75	Feet
18,000			120		\times	NA	_			
20,000			130			100	_		Case Leak	
22,000			140		\sim	NA		Case Leak @	18,000' =	
25,000			155			120		Toleranc	$e = \pm 100 \text{ Ft}$. Per Min.
30,000			180			140				
35,000			205			160			After Effec	t Test
40,000			230			180	7	Γest Set Ref	Initial Alt.	After Test
45,000			255		\sim	NA	l			
50,000			280			250	l	Tolerance =	± 30 Feet (a	29.92 in.h
Note: Maintain Altimeter at eac Note: The difference between I Note: Approach Friction Test I Note: Altitude/FeetPressure	the altitude dis Points at 750	splayed at t Ft. per min	he altimeter		porting output	t should not e	exceed	125 ft		
					N#				Date:	



Tested by:_



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Forms Manual (FM)

6.5.1 <u>Instructions for Use : AA-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 provess

6.6 AA-AUD-AFCA : Audit Findings/Corrective Action

Alta Avionics, LLC Audit Findings/Corrective Action

VENDOR AUDIT	ADDRESS	
	DHOME	
DISCREPANCY		(CIRCLE ONE)
2. 3.		NEW / REPEAT NEW / REPEAT
	DATE	
INTERNAL AUDIT	DEPT./AREA	
DISCREPANCY		(CIRCLE ONE)
2. 3. 4. 5.	DATE	NEW / REPEAT NEW / REPEAT NEW / REPEAT NEW / REPEAT
CORRECTIVE ACTION		
2. 3. 4.		
ROOT CAUSE/CORRECTIVE	E ACTION (EXPLAIN)	
SIGNATUREAUDITOR	DATE DATE	
	ALTA	

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AA-AFCA

Forms Manual (FM)

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

6.6.1.1 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

6.7 AA-AUD-AFCL : Audit Findings Control Log

Audit Findings Control Log

Department			
Audit Type	Audit Date	Comments	Closing Date
	ALTA		

Page 1 of 1 AA-AUD-AFCL(04-20)

Forms Manual (FM)

6.7.1 <u>Instructions for Form use: AA-AUD-AFCL: Audit Findings Control Log</u>

- 1) Department; enter the name of the audited department (this is a running tally for that department only)
- 2) Audit Type; enter the Audit Type, as defined in the audit plan
- 3) Audit Date; date on which the audit is scheduled, or has commenced
- 4) Comments; enter a brief description of the Audit Finding (as taken from the AA-AUD-AFCA (Audit Finding and Corrective Actions form)
- 5) Closing Date; the date on which a qualified Auditor accepts the Corrective Action (items 15 and 16 on the AA-AUD-AFCA form)

6.8 AA-AUD-AR

AA-AUD-AR (04-20)

TYPE OF AUDIT

AUDIT REQUEST

A.	AUDIT:	
	1. NEW VENDOR	
	2. CURRENT VENDOR	
	NAME:	
	ADDRESS:	
	PHONE.	
В.	INTERNAL:	
В.	INTERNAL.	
	1. SERVICE	
	2. INSTALLATION3. INSTRUMENT	
	4. PARTS/SHIPPING	
C.	REASON:	
		
	REQUESTED BY:	
	DATE:	

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6.8.1 <u>Instructions for Form Use: AA-AUD-AR: Audit Request</u>

- 1) Type of Audit; if a new vendor, enter an X on the New Vendor line
- 2) Type of Audit; if current vendor, enter an X on the Current Vendor line
- 3) Enter the Company name of the Vendor undergoing the audit
- 4) Enter the Company address of the vendor undergoing the audit
- 5) Enter the telephone number of the Company undergoing the audit
- 6) Internal Audit; enter an X on the appropriate line;
 - a) Service
 - b) Installation
 - c) Instrument
 - d) Parts/Shipping
- 7) Reason; enter a description of the reason for the audit (e.g. non conforming work/material, routine scheduled, etc.)
- 8) Enter the name or organization requesting the audit
- 9) Enter the date of the Audit Request

6.9 AA-AUD-CVA: Calibrated Vendor Audit

CALIBRATION VENDOR AUDIT

Company Name:						
Address:						
City:	State:		Zip:			
Division of:	Phone:		Fax:			
Years of Business:	Siz	e-Number	of Personne	::		
Company Contacts:						
Quality Control:	P	hone: ()			
Inspection:	[nspection:	()			
Alta Avionics, LLC Use Only		Vendo	or Category:			
Audit Type: Pre-Award Surv	ey Surve	illance	Follo	w-up		
Auditor recommendations o	f surveillance audit i	nterval		months		
Accept:	Cond. Accept:		Not Acc	cept:		
Alta Avionics, LLC. , Register	(Circle One): Add	<u>Delete</u>	<u>Update</u>	Does Not Qualify		
Next Scheduled Audit Date:	Next Scheduled Audit Date:					
	Auditor's	Signature				
		 ate				
	CRS# 7AYR463B					

1887 SOUTH 1800 WEST Woods Cross, UT 84087



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1.		QUALITY ASSURANCE SYSTEM			
			<u>YES</u>	<u>NO</u>	<u>N/A</u>
	A.	Is there an established Quality Assurance Program?			
	В.	Does the Quality Assurance Manual describe the complete Quality Assurance Program?			
	c.	Is the Quality Assurance Manual current?			
	D.	Does the Quality Assurance Manual identify persons, by title, responsible for various functions and programs?			
		 Quality Program Inspection Calibration Technical Data Control Shelf Life Program 			
	Ε.	Does the Quality Assurance Manual identify back-up persons, by title, for the various functions and programs?			
	F.	Is there a roster of:			
		 Persons authorized to perform calibrations, and: A list of calibrations they are authorized to perform? 			
	G.	Is current technical data available, and used, by calibration technicians?			
	Н.	Are calibrations performed by only authorized persons?			
	l.	If inspection stamps are used:			
		 Is the control of stamps described in the Quality Assurance Manual? Does each stamp have a unique number to identify 	_		
		Each inspector?			
	J.	Do inspectors have all necessary technical data, tools, and instruments available to inspect the calibration process?			

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			YES	NO	N/A
2.	TECHN	NICAL DATA			
	A.	Is there a documented system for obtaining technical data and maintaining it up to date?			
	В.	Is the appropriate, current technical data available to personnel that need it?			
	C.	Is there a system to prohibit hand entries or corrections to technical data?			
3.	TRAIN	IING			
	A.	Does the facility have sufficient personnel with the necessary training, technical knowledge, and experience, for their assigned functions?			
	В.	Are training records:			
		1. Maintained on applicable personnel?			
		2. Kept for two years after an employee leaves employment?			
4.	MEAS	URING AND TEST EQUIPMENT CALIBRATION (STANDARDS)			
	Α.	Is there an established program to ensure the standards used are in current calibration, and traceable to the National Institute of Standards and Technology?			
	_	- -			
	В.	Is there a procedure to prevent standards from being used that are out of calibration?			
	C.	Is there a listing showing the current calibration status of all calibration standards?			
5.	WORK	<u>CPROCESSING</u>			
	A.	Are all items to be calibrated properly identified?			
	В.	Are abnormalities from standard condition recorded?			
	C.	Are customers notified when suitability for calibration is in doubt?			

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			YES	<u>NO</u>	N/A
	D.	Is there a procedure before returning out of tolerance equipment to the customer?			
6.	RECOF	RDS			
	Α.	Are records maintained with sufficient information to permit the repeat of the calibration?			
	В.	Do these records include the names of personnel involved in the calibration process?			
	C.	Are all records, reports, certificates, safely stored and held secure, and in confidence to the customer, for a period of time specified in the Quality Assurance Manual?			
7.	FACILI	TIES			
	Α.	Are the facilities such as to facilitate the proper performance of calibrations and verifications?			
	В.	Does the facility have the environmental conditions appropriate for the calibrations being conducted?			
	C.	Does the facility provide adequate security, and protection from fire?			
	D.	Are the security, fire protection systems, reviewed to assure they are adequate?			
	E.	Are operations conducted in a safe manner to avoid personnel injury and/or damage to customer property?			
8.	CERTIF	FICATES/REPORTS			
	A.	Are calibration certificates/reports issued with the following information:			
		 Name/address of calibration facility? Name/address of customer? Identification of equipment calibrated? Characterization and condition of the calibration? Calibration date? Calibration procedure used? 			

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			YES	NO	N/A		
		7. Any deviation or exclusion from the calibration method?					
		8. Date of issue, and the person's signature and title, who accepted responsibility for the certificate or report content?					
		9. Special limitations of used?					
		10. Traceability to National Institute of Standards and Technology statement?					
9.	SHIP	<u>PING</u>					
	A.	Are tools and/or test equipment returned to the customer in appropriate shipping containers, or one provided by the customer?					
	В.	Are part, model, serial, and I.D. numbers recorded on calibration/report and shipping documents?					
10.	SHEL						
	A.	Is there a documented shelf life program?					
	В.	Is there a listing of shelf life limited materials and/or parts, and their limits?					
11.	ELECTROSTATIC DISCHARGE PROCEDURES (E.S.D.)						
	A.	Is there an E.S.D. program/procedure to prevent damage to electrostatic discharge sensitive devices (E.S.D.S.)?					
12.	DRU	G/ALCOHOL					
	A.	Attach copy of drug/alcohol program.					
13.	REPA	AIR STATION					
	A.	Attach copy of Repair Station Certificate, Operations Specifications.					

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AA-CVA (04-20)

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6.9.1 Instructions for Form Use: AA-AUD-CVA: Calibrated Vendor Audit

Note: not all areas of the repair station are subject to all of the audit elements contained in this Audit Checklist.

Where audit elements are not applicable, place an X in the N/A column for that element.

- 1. Enter Vendor Company name
- 2. Enter Vendor address
- 3. Enter Vendor city
- 4. Enter Vendor State
- 5. Enter Vendor Zip Code
- 6. Annotate the particular division of the Vendor Company
- 7. Enter the Vendor telephone number
- 8. Enter the Vendor fax number
- 9. Enter the number of years the Vendor has been in operation at the specific location
- 10. Enter the number of employees maintained by the Vendor
- 11. Company Contacts;
 - a. Enter the name of the primary point of contact for Vendor Quality Control
 - b. Enter the phone number of the Quality Control contact
 - c. Enter the name of the primary point of contact for Vendor Inspection
 - d. Enter the phone number of the Inspection contact

12. Alta Avionics Audit Details

- a. Enter Vendor Category
- b. Enter an X on the appropriate line for Audit Type
- c. Enter the recommended audit interval in months
- d. Status;
- e. Enter an X on the appropriate line for Acceptance, Conditional Acceptance, or Not Accepted
- f. Circle one of the recommendations of Vendor status (approved vendor list); Add, Delete (remove), Update, Does not Qualify
- g. Enter the date at which the next scheduled audit will take place
- h. Auditor applies signature and date the form and audit are completed
- 13. Quality Assurance System; these audit element questions are self-explanatory, review and answer all audit element questions
- 14. Technical Data; these audit element questions are self-explanatory, review and answer all audit element questions

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- 15. Training; these audit element questions are self-explanatory, review and answer all audit element questions
- 16. Measuring and Test Equipment Calibration (standards); these audit element questions are self-explanatory, review and answer all audit element questions
- 17. Work Processing; these audit element questions are self-explanatory, review and answer all audit element questions
- 18. Records; these audit element questions are self-explanatory, review and answer all audit element questions
- 19. Facilities; these audit element questions are self-explanatory, review and answer all audit element questions
- 20. Certificates and Reports; these audit element questions are self-explanatory, review and answer all audit element questions
- 21. Shipping; these audit element questions are self-explanatory, review and answer all audit element questions
- 22. Shelf Life Program; these audit element questions are self-explanatory, review and answer all audit element questions
- 23. Electrostatic Discharge Procedures; these audit element questions are self-explanatory, review and answer all audit element questions
- 24. Drug and Alcohol Program; these audit element questions are self-explanatory, review and answer all audit element questions
- 25. Repair Station; these audit element questions are self-explanatory, review and answer all audit element questions

6.10 AA-AUD-IA: Internal Audit

Alta Avionics, LLC

INTERNAL AUDIT

Date o	f Audit:			
Facility	:	CRS#:		
Depart	ment/Area:	Supervisor:		
Audito	r:	Audit Interval:		
Audit F	Recommendations:			
				·
				
1.	FACILITIES AND EQUIPMENT	:	VEC	NO NI/A
A.	Is ventilation, lighting, temperat control adequate?	ure, and humidity?	<u>YES 1</u>	<u>NO</u> <u>N/A</u>
В.	Is the floor plan laid out in an eff	icient manner?		
C.	Are good housekeeping practice	s being maintained?		
D.	When problems arise, are they to	aken care of promptly?		

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YES NO N/A

2.		STATION AUTHORITY AND LIMITATIONS VS. ACTUAL PRACTICES, INCLUDING CONTROLS OVER AND DEVIATION AUTHORITY:					
	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?					
		• Supervisors					
		• Inspectors					
		Receiving/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?					



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			YES	<u>NO</u>	<u>N/</u>
	C.	Are airworthiness records available to the employees?			
	D.	Are drawings compiled from installation data for aircraft records? (Installation Dept)			
	Ε.	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:			
	Α.	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?			



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			YES	<u>NO</u>	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:			
	A.	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?			



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			YES	NO	N/A
8.	l.	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:			
	A.	Is all test equipment within the department marked with a CAL tag giving the CAL date, CAL due date, and CAL BY info?			
	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?			
	D.	Is the test equipment properly cared for while in use or in storage?			
	Ε.	Does the department have available to it all of the required test equipment for the range of jobs it performs?			
	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?			
	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.		DEFECT REPORTING:			
	A.	Are defects being reported when they occur in paperwork equipment, parts, or any process thereof?			



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		YES	NO	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?			



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6.10.1 Instructions for Form Use: AA-AUD-IA: Internal Audit

- 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

6.11 AA-AUD-VA: Vendor Audit

ALTA AVIONICS, LLC. VENDOR AUDIT

Distributor Name:			
Address:			
City:	State:	Zip:	
Division of:	Phone:	Fax: _	
Years of Business:	Size-N	lumber of Personne	el:
Distributor Contacts:			
Quality Control:	Phor	ne: ()	
Inspection:	Phoi	ne: ()	
Material Control:	Phor	ne: ()	
Alta Avionics, LLC. Use 0	Only	Vendor Category	:
Audit Type: Pre-Award	Survey Surveillar	nce Follo	ow-up
Auditor recommendatio	ns of surveillance audit inte	rval	months
Accept:	Cond. Accept:	Not Ac	cept:
Alta Avionics, LLC , Regi	ster (Circle One): <u>Add</u> <u>D</u>	elete <u>Update</u>	Does Not Qualify
Next Scheduled Audit D	ate:		
	Auditor's Signa	ature	
	Date		
	CRS# 7AYR463	В	
	1887 SOUTH 1800 V	WEST	



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1.		QUALITY CONTROL SYSTEM	YES NO N/A
	A.	Is there an established Quality Assurance Program?	
	В.	Does the Quality Assurance Manual describe the complete Quality Program?	
	C.	Is the Quality Assurance Manual current?	
	D.	Does the manual identify persons, by title, responsible for various quality functions and programs?	
		 Quality Program Inspection Tool and Test Calibration Technical Data Control Shelf Life Program and Administration 	
	Ε.	Is the Quality Assurance Manual current?	
	F.	Is there a roster of:Persons authorized to perform inspections:A list of inspections they are authorized to perform?	
	G.	Is current list of manufacturers who officially Authorize the distributor maintained?	
	Н.	Are inspections being performed to ensure a quality product or service?	
	l.	Are inspections conducted by authorized personnel only?	
	J.	Do the inspectors have access to current specifications necessary to support an acceptable inspection process?	
	к.	Do inspectors have all necessary tools, gages and instruments available to inspect the characteristics of the product?	



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			YES	<u>NO</u>	<u>N/A</u>							
L.	If ins	pection stamps are used:										
	1.	Is adequate control described in the quality manual, and is the control being enforced?										
	2.	Does each stamp have a unique number to identify each inspector?										
	3.	Is the stamp reissued when the Inspector leaves the position?										
2.	MEAS A.	SURING AND TEST EQUIPMENT (if applicable) Is the calibration program detailed in the quality manual?										
	В.	Is there an effective calibration program, including a recall system, in effect?										
	C.	Are all precision tools/instruments, including personal tools, included in the calibration program?										
	D.	Do they have evidence of calibration?										
	E.	Are precision tools and instruments stored in a manner that will prevent damage or affect calibration?										
	F.	Are the calibration standards calibrated against instruments traceable to the National Institute of Standards and Technology?										
	G.	Is there a current certification for each standard?										
3.	TECH	TECHNICAL DATA										
	A.	Is there a documented system for obtaining technical data and maintaining it up to date? Note: Technical data includes any documents used to determine that the par complies with OEM requirements. Examples are, but are not limited to, drawings, manuals, parts, catalogs, and cross reference manuals.										
	В.	Is the appropriate, current technical data readily available to personnel that need it?										
	C.	Is there a system to prohibit hand entries or corrections to technical data?										



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	DECO	nnc.	YES	NO	N/A			
4.	RECO A.	Does the vendor request adequate test and inspection records with each order of parts?	_					
	В.	Are certifications and test reports being received and filed as required?	_					
	C.	Can each part or carton or package of parts be linked to its certification and/or test records by some unique identifier?	_					
	D.	Does the vendor's purchase records/sales order chain of custody lead to production approval holder (PMA, TSO, PC, TC, STC Holder) or manufacturer of standard parts?						
	Ε.	Is the serial number traceability maintained when applicable?				_		
	F.	Are export Certificate of Airworthiness obtained for all foreign manufactured parts?						
5.	SHELF LIFE PROGRAM							
	Α.	Is there a documented shelf life program?		_				
	В.	Is there a list of shelf life limited materials and parts and their limits						
	C.	Can the shelf life limit and status be readily identified on applicable material, parts, and assemblies?						



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			<u>YES</u>	<u>NO</u>	N/A
6.	TRAIN	<u>ING</u>			
	A.	Are personnel properly trained for the functions they are to perform?			
	В.	 * Supervisors * Inspectors * Receiving/Shipping * Technicians Are training records maintained on all applicable personnel? 			
7.	PROCI	<u>UREMENT</u>			
	A.	Is purchased material routed through receiving inspection?			
	В.	Is control maintained over procurement sources?			
	C.	Does the vendor have a list of suppliers from whom they procure their parts/materials/services?			
	D.	Does the vendor have a system to approve suppliers?			
	E.	Does the vendor have a system to monitor their rejects?			
8.	MATERAL. B. C.	RIAL CONTROL Are parts/materials properly stored? Is material protected from damage, deterioration, loss or substitution? Is there evidence of proper action taken on non- conforming materials and are records retained?			
	D.	Is there a system for material review and rejection?			
	E.	Has a secured area been set aside for storage of non- conforming or questionable material including separation of received material and marketable stock?			
	F.	Are aircraft parts stored separately from non-aircraft parts?			



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			YES	NO	N/A
	G.	Does the vendor maintain traceability and total batch/lot segregation, and are records kept on the distribution of those pats?			
	Н.	Does the vendor have a system to identify parts source?			
	l.	Does the vendor follow acceptable preservation procedures?			
	J.	Does the vendor use adequate packaging or customer's specified packaging when appropriate?			
	K.	Are parts/materials properly identified?			
	L.	Are parts which are susceptible to electrostatic discharge damage properly packaged, handled and stored?			
9.	HOUS	SING AND FACILITIES			
	A.	Is ventilation, lighting, temperature, and humidity control adequate?			
	В.	Are good housekeeping procedures being maintained?			
10.	CERT	IFIED REPAIR STATION			
	A.	Is your company a certified repair station?			
	В.	Please attach a copy of the Repair Station Certificate			
11.	DRUC	S & ALCOHOL POLICY			
	A.	Is there a Drug & Alcohol Policy in place?			
	В.	Please attach a copy of the Drug and Alcohol Program.			

NOTES:



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6.11.1 Instructions for Form Use: AA-AUD-VA: Vendor Audit

Note: not all areas of the repair station are subject to all of the audit elements contained in this Audit Checklist. Where audit elements are not applicable, place an X in the N/A column for that element.

- 1. Enter Distributor Company name
- 2. Enter Distributor address
- 3. Enter Distributor city
- 4. Enter Distributor State
- 5. Enter Distributor Zip Code
- 6. Annotate the particular division of the Distributor Company
- 7. Enter the Distributor telephone number
- 8. Enter the Distributor fax number
- 9. Enter the number of years the Distributor has been in operation at the specific location
- 10. Enter the number of employees maintained by the Distributor
- 11. Company Contacts;
 - a. Enter the name of the primary point of contact for Distributor Quality Control
 - b. Enter the phone number of the Quality Control contact
 - c. Enter the name of the primary point of contact for Distributor Inspection
 - d. Enter the phone number of the Inspection contact
 - e. Enter the name of the primary point of contact for Distributor Material Control
 - f. Enter the phone number of the Material Control contact
- 12. Alta Avionics Audit Details
 - a. Enter Distributor Category
 - b. Enter an X on the appropriate line for Audit Type
 - c. Enter the recommended audit interval in months
 - d. Status;
 - i. Enter an X on the appropriate line for Acceptance, Conditional Acceptance, or Not Accepted
 - e. Circle one of the recommendations of Distributor status (approved vendor list); Add, Delete (remove), Update, Does not Qualify
 - f. Enter the date at which the next scheduled audit will take place
 - g. Auditor applies signature and date the form and audit are completed
- 13. Quality Control System; these audit element questions are self-explanatory, review and answer all audit element questions

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- 14. Measuring and Test Equipment Calibration (standards); these audit element questions are self-explanatory, review and answer all audit element questions
- 15. Technical Data; these audit element questions are self-explanatory, review and answer all audit element questions
- 16. Records; these audit element questions are self-explanatory, review and answer all audit
- 17. element questions
- 18. Shelf Life Program; these audit element questions are self-explanatory, review and answer all audit element questions
- 19. Training; these audit element questions are self-explanatory, review and answer all audit
- 20. element questions
- 21. Procurement; these audit element questions are self-explanatory, review and answer all audit element questions
- 22. Material Control; these audit element questions are self-explanatory, review and answer all audit element questions
- 23. Housing and Facilities; these audit element questions are self-explanatory, review and answer all audit element questions
- 24. Repair Station; these audit element questions are self-explanatory, review and answer all audit
- 25. element questions
- 26. Drug and Alcohol Program; these audit element questions are self-explanatory, review and answer all audit element questions

6.12 AA-CC: Certificate of Calibration

		Alta Avionics, Certificate of Cali		
Manufacturer: Model: Description: Serial Number:				
Customer: Work Order:				
Calibration Proced Environmental Co	· · · · · · · · · · · · · · · · · · ·			
Remarks:				
traceable to the Natio	s that this instrument ha	ds and Technology (1	Out of Specifications with the stated conditions with SIST) or derived from acceptidence of traceability is available.	th standards that are pted values of natural
Standards Utilized for	r this Calibration			
Equip. ID	Manufacturer	Model	Serial Number	Due Date
Calibration Date:				
Calibration Due:			-	
			Calibi	rated By
		CRS# 7AYR46 1887 SOUTH 1800 Woods Cross, UT	WEST	
		AVIO	TA NICS	
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6.12.1 <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

6.13 AA-CLSE: Capabilities List Self-Evaluation

Alta Avionics, LLC Capabilities List Self-Evaluation Form

Description of desired capability:				
Facility:				
1. Repair station:		463B, 1887 SOUTH 180 g and facilities for desir	0 WEST, Woods Cross, U ed capability?	JT 84087
YES	NO			
Describe hou for desired				
Requirements:				
	ed facility po	ssess the proper tools r	needed for this capability	?
YES	NO			
Description need				
2. Does the desire capability?	ed facility po	ssess the proper equip	ment and materials need	ed for the
YES	NO			
Description need				
		*in the case of using equi	valents, please specify.	
3. Does the repair	r station have	e the proper technical c	lata and processes?	
YES	□NO			
Description of data and sour				
4. Does the repair	r station have	e properly trained pers	onnel?	
YES	NO			
Repair Station Accepta	ance:		Date:	
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6.13.1 <u>Instructions for Form Use: AA-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

6.14 AA-CSDS: Compass Swing Documentation Sheet

COMPASS SWING DOCUMENTATION SHEET

Date:	Work Order #	Aircraft N#

SYSTEM 1

Compass	HSI	WET	HSI	WET	HSI	WET	HSI	WET
NORTH 0 DEG								
30 DEG								
60 DEG								
EAST 90 DEG								
120 DEG								
150 DEG								
SOUTH 180 DEG								
210 DEG								
240 DEG								
WEST 270 DEG								
300 DEG	·							
330 DEG								

CHECKED	BY:		

SYSTEM 2

Compass	H S I	WET	HSI	WET	HSI	WET	HSI	WET
NORTH 0 DEG								
30 DEG								
60 DEG								
EAST 90 DEG								
120 DEG								
150 DEG								
SOUTH 180 DEG								
210 DEG								
240 DEG								
WEST 270 DEG								
300 DEG								
330 DEG								

CHECKED BY:	



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6.14.1 <u>Instructions for Form Use</u>

: AA-CSDS : Compass Swing Documentation Sheets

- 1. Enter the Date of the Compass Swing
- 2. Enter the Work Order on which the Compass Swing is being accomplished
- 3. Enter the Aircraft Registration Number
- 4. System #1
 - a. Record the Compass Cardinal Headings, and the associated HIS and Wet Compass Readings (after corrections and adjustments)
- 5. Enter the name of the person performing the Compass Swing Check
- 6. System #2
 - a. Record the Compass Cardinal Headings, and the associated HIS and Wet Compass Readings (after corrections and adjustments)
- 7. Enter the name of the person performing the Compass Swing Check

6.15 AA-ECTCR : Electromagnetic Compatibility Test Completion Record

ELECTROMA	AGNETIC COMPATIBILIT	TY TEST COMPLETION RECORD
	FOR	
	W/O: Nomenclature: Model / Part No.: ID#:	<u> </u>
Test Start Date:		Test Completion Date:
Test Completion Record DO-160C Section 21.	: The following tests were perfor	rmed in accordance with the requirements of RTCA
all phases of this test.		
ALTA AVIONICS TEST	`ENGINEER	DATE
		DATE

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6.15.1 <u>Instructions for Form Use : AA- ECTCR : Electromagnetic Compatibility Test</u> <u>Completion Record</u>

- 1. Enter the name of the person or company for whom this Compatibility Test is being accomplished
- 2. Enter the Work Order number on which this Compatibility Test is being accomplished
- 3. Enter the nomenclature (name) of the system, unit, aircraft for which this Compatibility Test is being accomplished
- 4. Enter the model and part number of the system, unit, aircraft for which this Compatibility Test is being accomplished
- 5. Enter the Identification number of the system, unit, aircraft for which this Compatibility Test is being accomplished
- 6. Enter the date on which this Compatibility Test is to begin
- 7. Enter the date on which this Compatibility Test is to be completed
- 8. Enter the name of the engineer or qualified person who is conducting this Compatibility Test
- 9. Enter the date of completion of the test
- 10. Enter the name of the Quality Assurance representative overseeing this Compatibility Test
- 11. Enter the date of acceptance by Quality Assurance of the test

6.16 AA-ETR: Employee Training Record

CRS# 7AYR463B 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:



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6.16.1 <u>Instructions for Form Use: AA-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

6.17 AA-IICL: Installation Inspection Checklist



Date	WO#	N #	Lead Technician

The Lead Installation Technician and Installation Dept. Supervisor will be present for installation steps planning. The Lead Installation Technician is responsible for reviewing every detail of this document, & reporting any problems to the Installation Dept. Supervisor.

Initial block for each item when completed.

Pre-Aircraft Arrival:

1.	Obtain copies of Work Order & Installation Proposal with explicit details of installation.
2.	Inventory all parts & equipment required for the installation (if possible). Group them in your area. Verify equipment installation kits are complete. Notify Installation Dept. Supervisor of any shortages.
3.	Verify proper Airworthiness Documentation exists for all equipment.
4.	Gather appropriate installation data: Manufacturers installation instructions, aircraft wiring diagrams, DER engineering prints, etc.
5.	Verify currency and latest revision of all manuals used for the installation.
6.	Verify proper tooling & materials for the installation is readily available.
7.	Gather preliminary data for FAA Form 337 (if required) & forward to FAA Coord.

Preliminary Inspection: (Mark N/A in block if item is not applicable)

1.	Obtain copies of current W&B, Equipment List, & Aircraft Registration. Record Aircraft Flight Manual Part No., Revision No., & Date (if required).
2.	Check logbook entries for FAR 91.411 & 91.413 (if possible). Note dates nearing expiration or past due.
3.	Note aircraft voltage:
4.	Aircraft walk-around. Look for loose or missing fasteners. Inspect exterior windows & paint for scratches & defects. Inspect static wicks, pitot mast, static ports, & antennas for airworthiness.
5.	Aircraft interior inspection. Inspect cabin doorway, upholstery, seats, carpet, trim, & headliner for condition.
6.	Instrument panel inspection. Inspect panels for security of mounting, scratches & defects, loose switches & instruments. Check glare shield for security & condition.
7.	Flight Controls inspection. Pull controls through full range of travel, note any interference, binding, & noises.

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8.	Avionics stack inspection. Inspect existing equipment for security of mounting & appearance. Inspect rack mountings for back-support structure.
9.	Lighting inspection. Inspect all panel, instrument, flood, and radio lighting. Inspect all cabin lighting (reading, map, courtesy, passenger, etc.). Inspect all external lighting (beacons, strobes, taxi/landing, navigation, ice, etc.).
10.	Check Pitot & Static heat for operation.
11.	Check all avionics displays for operation & readability. Check photocells.
12.	Annunciators' inspection. Push to test (if possible) all annunciators, including Marker lights. Check day/night switches where applicable.
13.	Audio inspection. Check all audio selections at audio panel (speakers & phones). Check intercom system at each headset location. Check ANR system operation. Check headset jacks for airworthiness. Check avionics annunciation tones, alerts & warning audio where applicable.
14.	Communications inspection. At each Com, check squelch action, call shop for radio check, or check using local frequencies. Check remote switches.
15.	VHF Nav inspection. At each Nav, ground test using local frequencies, or ramp tester as applicable. Check operation of corresponding indicators.
16.	DME inspection. At each DME, check using local frequencies, or ramp tester as applicable. Check operation of remote switches & indicators. Check remote Nav tuning where applicable.
17.	RNAV inspection. Check using appropriate frequencies.
18.	ADF inspection. At each ADF, check using appropriate frequencies. Check operation of corresponding indicators.
19.	Transponder inspection. At each transponder, check test & reply lights. Ground test using ramp tester (when practical). Check encoding (when practical). Check operation of remote ident, transponder/encoder 1-2 switch, & standby switches where applicable.
20.	RMI inspection. At each RMI, check operation of needles and heading card.
21.	H.S.I. Inspection. At each H.S.I., check slaving & Nav function. Check operation of Nav switching system where applicable.
22.	Glideslope inspection. At each Glideslope, ground test using local frequencies, or ramp tester as applicable. Check operation of corresponding indicators.
23.	GPS inspection. At each GPS, check for correct position data (when practical). Check Moving Map, display, & Annunciators functions where applicable. Check database revision & currency.
24.	Gyro inspection. Check for proper operation & system suction (when practical).
25.	Autopilot/Flight Director inspection. Engage, check left/right, up/down, manual, heading, course 1 & 2, back course 1 & 2, needle 1 & 2, altitude hold, & yaw damper as applicable. Check operation of remote switches, annunciators, & tones.
26.	Altimeter inspection. At each altimeter, check reading against field elevation. Check encoding (when practical).
27.	Rad-Alt inspection. Check test and DH. Check operation of remote switches & annunciators as applicable.
28.	Radar inspection. Check test. Check returns if aircraft is outside & clear of obstructions.

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29.	Weather Detection System inspection. Check self test functions. Check system for RF interference (if required).
30.	EFIS/MFD inspection. At each unit, check self-test functions. Check display & annunciator functions where applicable.
31.	TCAS inspection. Check self test functions. Verify proper display at MFD, or other.
32.	TAWS inspection. Check self test functions. Verify proper display at MFD, or other.
33.	Trim inspection. Check operation of electric & manual trim systems.
34.	Static system inspection. At each Pitot/Static system, check system for leaks, security, and operation (when practical).
35.	Circuit breakers inspection. Check breakers for security of mounting, placards, & condition of panel.
36.	Inspect forward & aft avionics bays for available mounting space & accessibility of wiring harnesses as applicable.
37.	Note physical layout of existing avionics, familiarize yourself with how the systems are interconnected. Make sketch or take digital photos (if required).
38.	Inspect aircraft for available antenna mounting space. Perform Skin-Mapping procedure (if required).
39.	List (in detail) all discrepancies noted up to this point.
40.	Enter initials in Preliminary Inspection block, on Work Traveler (k-03.2).

Installation / In-progress Inspection: (Mark N/A in block if item is not applicable)

1.	Install protective covers on seats, floors, & carpet. Install plastic, protective film around all exterior-working areas that may be subject to damage. Clear aircraft of clutter, trash, etc. Gather owner/operators personal belongings and secure them, in an orderly fashion, in an appropriate holding area.
2.	Open up working areas in aircraft (panels, floor boards, etc.), & check for conflicts in mounting parts/equipment. Check harness routes. Make notes.
3.	Review labor figures on Installation Proposal, decide if more labor needs to be approved at this point. Make notes.
4.	Review all notes & Pre-Installation Inspection discrepancies with Installation Dept. Supervisor. Assist with generating Change Orders, additional Work Order tasks, etc.
5.	Gather necessary data & initiate FAA Form 337 paperwork (if required).
6.	Tag any removed equipment using form KA-17 (Removed As Serviceable), and secure in equipment holding cabinet.
7.	Pre-fabricate, mark, and test wiring harnesses on bench as much as possible for new equipment. Use a Parts Charge Out sheet & begin listing all misc. parts, wire, & supplies used during the installation.
8.	Install & interface new equipment wiring harnesses, cables, terminals & connectors in aircraft.
9.	Install proper circuit protection for new equipment and placard appropriately.

AA-IIC (04-20) Page 3 of 4



10.	pr	ontact Installation Dept. Supervisor for an In-Progress Inspection, at this point before occeding. Verify that the inspecting Technicians initials are entered in the Inogress Inspection block on Work Traveler (K-03.2).
11.		rform continuity checks of all new wiring/interfacing before applying power to craft.
12.		ug on equipment & perform power-on & functional checks of all systems (as actical) prior to harness tie-up and rack mounting.
13.		stall new equipment racks, mounting trays, brackets, etc. using new aircraft rdware.
14.	us	e-up all harnesses. Install any anchors, tywrap mounts, etc. if needed. Make sure to e grommets, or anti-chaff materials where airframe to harness contact may be spected. Check flight controls for full-unobstructed travel.
15.		stall new equipment in aircraft. Thoroughly clean all aircraft working areas of bris, sheet metal shavings, trash, etc
16.	be	ontact Installation Dept. Supervisor for another In-Progress Inspection, at this point fore proceeding. Verify that the inspecting Technicians initials are entered in the cond In-Progress Inspection block on Work Traveler (K-03.2).
17.		prrect any discrepancies found during In-Progress Inspection. Note changes that may fect Form 337.
18.		nsure that all affected systems have been successfully configured, tested & are orking properly.
19.		eassemble working areas, close access panels only after inspector's examination. neck seat rails and locks for security (whether you removed them or not).
20.		erify that all work has been completed per FAA Form 337, &/or STC, & that any cessary placards have been properly installed.
21.	Ta	ske a moment to account for all tools & supplies.
22.	Vo	erify that all misc. parts, supplies, wire, etc, are listed on the Parts Charge Out sheet.
23.		acuum carpets, arrange seats & seatbelts in a presentable fashion. Return vner/operators belongings to aircraft.
24.		eview all Work Order tasks & Change Orders. Verify that aircraft is ready for final spection.
25.	Cl	ean shop and bench areas in accordance with good housekeeping practices.

Final Inspection / Sign-off: (Mark N/A in block if item is not applicable)

1 11141 11	ispection / s	sign on: (wark 1971 in block if item is not applicable)
1.		Update W&B & Equipment List. Install new revision into POH (if possible).
2.		FAA Form 337 completed and mailed to SLC FSDO.
3.		Airframe Logbook entries completed.
4.		All airworthiness documentation, Pilot Guides, Warranty data, placed inside aircraft.
5.		Aircraft approved for return to service by authorized personnel.

Technician Initials	Supervisor Initials	Date
AA-IIC (04-20)		Page 4 of 4

Forms Manual (FM)

6.17.1 <u>Instructions for Form Use: AA-IIC: Installation Inspection Checklist</u>

- 1. Enter Date installation is to commence
- 2. Enter Work Order Number under which the installation will be accomplished
- 3. Enter the aircraft Registration Number
- 4. Enter the full name of the Lead Technician
- 5. Pre-Arrival;
 - a. These Checklist Items are self-explanatory; review and take the appropriate actions; contact supervisory personnel if a given item cannot be accomplished
- 6. Preliminary Inspection;
 - a. The scope of this inspection should be commensurate to the scope of the intended installation, and therefore may not entail every element or system identified on the Installation Checklist
 - b. These Checklist Items are self-explanatory; review and take the appropriate actions; contact supervisory personnel if a given item cannot be accomplished
 - c. Document all discrepancies noted during the Preliminary Inspection, on Work Order Traveler for customer disposition
- 7. Installation / In-progress Inspection, is an ongoing process, and should be accomplished at intervals and points throughout the installation process, depending on the scope of the installation;
 - a. The scope of this inspection should be commensurate to the scope of the intended installation, and therefore may not entail every element or system identified on the Installation Checklist
 - b. These Checklist Items are self-explanatory; review and take the appropriate actions; contact supervisory personnel if a given item cannot be accomplished
 - c. Document all discrepancies noted during the Preliminary Inspection, on Work Order Traveler for customer or management disposition
- 8. Final Inspection / Sign-off;
 - a. These Checklist Items are self-explanatory; review and take the appropriate actions; contact supervisory personnel if a given item cannot be accomplished
 - b. Review items gathered in the Pre-Arrival process, and ensure all documentation pertaining and relevant to the aircraft are provided to the operator

Forms Manual (FM)

6.18 AA-LE-ACMR : Log Entry : Air Carrier Maintenance Release

ALTA		1887 S. 1800	1887 S. 1800 W. Woods Cross, UT 84087			BD	FORM AA-LE-ACMR(04-20)	
Tail#	Mfg:		Model:	Serial:		TTAF:		Hobbs:

This is a Permanent Logbook Entry:

Air Carrier Maintenance Release – The above identified Appliance the FAA and in concurrence with Pertinent details of the repair are on file at this station under work or	air carrier operations specification,	cordance with current regulations of and is approved for return to service.
Signed:	Date:	

Forms Manual (FM)

6.19 AA-LE-ATI: Log Entry – Altimeter Test and Inspection

ALTA						
TAIL	MAKE:	MODEL:		S/N:		ACTT:
THIS IS A PERMANENT LO	OGBOOK ENTRY -	PERFORMED TEST	AND INSPE	CTIONS I	AW 14 CFR PA	RT 43, APPENDIX E
TO COMPLY WITH 91.411	1 □; APPENDIX F	TO COMPLY WITH	FAR 91.41	3 🔲; PA	RT 91.217 🗌	
AIRPORT ID	ALTITUDE	STATIC SYS	TEST ALT	#1	#2	#3
	MFG	MODEL	PART	#	SERIAL#	TEST ALT
ALTIMETER #1						
ADC/ENCODER #1						
ALTIMETER #2						
ADC/ENCODER #2						
ALTIMETER #STBY						
TRANSPONDER #1						
TRANSPONDER #2						
PERTINENT DETAILS AF	RE ON FILE AT TH	IIS REPAIR STATIO	ON UNDER	R W/O#		
AUTH SIGNATURE:			DATE:		RECERT DUE	DATE:
Maintenance release, this aircr		cordance with current		the FAA a	nd is approved for	r return to service.

Alta Avionics, LLC, 1887 S 1800 W, WOODS CROSS, UT CRS: 7AYR463B FORM AA-LE-ATI(40-20)

Forms Manual (FM)

6.19.1 <u>Instructions for Form Use: AA-LE-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
- 3. 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
- 9. 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

Forms Manual (FM)

6.20 AA-LE-GAMR : Log Entry : General Aviation Maintenance Release

	ALTA								
			1887 S. 1800	1887 S. 1800 W. Woods Cross, UT 84087			3D	FORM AA-LE-GAMR(04-20)	
	Tail#	Mfg:		Model:	Serial:		TTAF:		Hobbs:

This is a Permanent Logbook Entry:

	viation Maintenance Release – The above identified Appliance Aircraft v A and is approved for return to service. Pertinent details of the repair are on fil	· · · · · · · · · · · · · · · · · · ·	
Signed:		Date:	

6.21 AA-MACS: Master Altimeter Correction Sheet

Master Altimeter Correction Sheet

Date	Checked By
P/N	S/N

Altimeter Pressure

Altitude Feet	Tol.	Altimeter Up	Altimeter Down	Altitude Feet	Tol.	Altimeter Up	Altimeter Down
-1,000	20			14,000	100		
0	20			16,000	110		
500	20			18,000	120		
1,000	20			20,000	130		
1,500	25			22,000	140		
2,000	30			25,000	155		
3,000	30			30,000	180		
4,000	35			35,000	205		
6,000	40			40,000	230		
8,000	60		•	45,000	255		
10,000	80		•	50,000	280		
12,000	90						

Friction Test (No Vibration Applied)

Altitude Feet	Altimeter Reads	Altitude Feet	Altimeter Reads
1,000		20,000	
2,000		25,000	
3,000		30,000	
5,000		35,000	
10,000		40,000	
15,000		50,000	

Tolerances

Total Box Leak Test (2%)	Pressure Inches of HG.	Altitude Difference	Altimeter Reads
After Effect Test $(\pm 30 \text{ Ft})$	28.10	-1727	
Position Error N/A	28.50	-1340	
Hysteresis Test 40%/	29.00	-863	
Hysteresis Test 50%	29.50	-392	
Notes:	29.92	0	
Unit Calibrated To:	30.50	+530	
Calibrated per 14 CFR Part 43 App. E	30.90	+895	
	30.99	+974	



AA-MACS (04-20) Page 1 of 1

Forms Manual (FM)

6.21.1 Instructions for Form Use: AA-MACS: Master Altimeter Correction Sheet

- 1. Enter the date the Master Altimeter is being checked
- 2. Enter the name of the person performing the check
- 3. Enter the Part Number of the unit being checked
- 4. Enter the Serial Number of the unit being checked
- 5. Altimeter Pressure
 - a. Enter the values for all parameters, as tested
- 6. Friction Test
 - a. Enter the values for all parameters, as tested
- 7. Tolerances
 - a. Enter the values for all parameters, as tested

6.22 AA-MCR : Manual Change Request

MANUAL CHANGE REQUEST

	manual, page, and	current revis	sion date to	be revised.		
Enter (or attac	h) the new text tha	t is proposed	as a change) .		-
Write a brief e	explanation of the r	eason for the	change.			
Signature:			Date			
51B114141						
	egarding proposed		Bute			
	egarding proposed	change:	REJECTED			
Action taken r	egarding proposed	change:				
Action taken r	egarding proposed	change:				
Action taken r	egarding proposed	change:				
Action taken r ACCEPT Explanation of	egarding proposed	change:				MODIFI
Action taken r ACCEPT Explanation of Approval:	PED f action: Q. A. MA	change:		Date: _		MODIFI

ALTA

AA-MCR (04-20) Page 1 of 1

Forms Manual (FM)

6.22.1 <u>Instructions for Form Use: AA-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

6.23 AA-RT: Radar Test

	RADAR TES	ST
Date:	Mfg:	W/0:
Indicator Model	S/N	P/N
RT Model	S/N	P/N
Antenna Model	S/N	P/N
	<u>OK</u>	
Power Supply Voltage Check		
Low Voltage Operation		
Range Accuracy		
Test Pattern		
Contour		
MDS		
STC		
STC Curve		
Power Output		
Frequency		
Trans Pulse		
Tilt Operation		
Panel Lights		
Visual Inspection		
Vertical Profile		
THIS UNIT MEET	S OR EXCEEDS MANU	FACTURING SPECIFICATIONS

Tested By



AA-RT (04-20) Page 1 of 1

Forms Manual (FM)

6.23.1 Instructions for Form Use: AA-RT: Radar Test

- 1. Enter the date on which the RADAR test is being performed
- 2. Enter the Manufacturer's name of the RADAR unit being tested
- 3. Enter the Work Order number under which the RADAR Test is being performed
- 4. Enter the Indicator;
 - a. Model number
 - b. Serial Number
 - c. Part Number
- 5. Enter the RT;
 - a. Model number
 - b. Serial Number
 - c. Part Number
- 6. Enter the Antenna;
 - a. Model number
 - b. Serial Number
 - c. Part Number
- 7. Performance Checks;
 - a. Place an X in the 'OK' check box, for all functional checks which passed the manufacturer's required performance parameters
 - b. Leave check boxes blank for those functional checks which did NOT pass the manufacturer's required performance parameters
 - i. Transfer all failed performance parameters to the Work Traveler for further action
- 8. Enter the name of the person performing the functional checks in section 7, above

6.24 AA-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

AA-RTL (04-20) Page 1 of 1

Forms Manual (FM)

6.24.1 Instructions for Form Use: AA-RTL: Required Training Log

- 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

6.25 AA-SPL: Scrapped Parts Log

SCRAPPED PARTS LOG

DESCRIPTION		
P/N	S/N	
SCRAPPED BY	VERIFIED BY	
DATE		
<u>SCRAPPED</u>	PARTS LOG	
DESCRIPTION		
P/N	S/N	
SCRAPPED BY	VERIFIED BY	
DATE		
<u>SCRAPPED</u>	PARTS LOG	
DESCRIPTION		
P/N	S/N	
SCRAPPED BY	VERIFIED BY	
DATE		
SCRAPPED PARTS LOG		
DESCRIPTION		
P/N	S/N	
SCRAPPED BY	VERIFIED BY	
DATE		



AA-SPL (04-20) Page 1 of 1

6.25.1 Instructions for Form Use: AA-SPL: Scrapped Parts Log

Note;:Use of this form is required only for aeronautical articles which are affected by 14 CFR 43, §43.10; Disposition of Life-Limited Aircraft Parts. Life Limited aircraft parts, are those parts for which the holder of a type design (aircraft, appliances, TSO articles, engines). Parts and aeronautical articles which are not subject to §43.10, may be discarded without retaining a record, unless otherwise directed by an aircraft operator.

- 1. Enter a Description of the Scrapped Part
- 2. Enter the Manufacturer's Part Number
- 3. Enter the Manufacturer's Serial Number
- 4. Enter the name of the person performing the scrapping or mutilation operation
- 5. Enter the name of the person who verified the part was rendered beyond use
- 6. Enter the date on which the part was scrapped
- 7. Enter the Work Order Number under which the part was removed from service and scrapped

Forms Manual (FM)

Test Equipment Calibration and Inspection Form

Record#			
Make	Model	s/n	
Calibration Date		Next Calibration Date	
instrument meets or ex	·	& with approval of Alta Avionics, LLC. We certify that th and has been calibrated using test equipment with accuracy hnology.	
Reference Standards:			
Make/Model	S/N	Record #	
Make/Model	S/N	Record #	
Make/Model	S/N	Record #	
Make/Model	S/N	Record #	
Make/Model	S/N	Record #	
Make/Model	S/N	Record #	
	Ca	librated By:	
	Ins	pected By:	



AA-TECIF (04-20) Page 1 of 1

Forms Manual (FM)

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

- 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)

6.26 AA-VSICC: Vertical Speed Indicator Correction Card



Alta Avionics, LLC CRS# 7AYR463B 1887 SOUTH 1800 WEST Woods Cross, UT 84087

Date	Work Order
Model	Serial Number

Vertical Speed Indicator Correction Card

Feet Per Minute	UP (Reads)	DOWN (Reads)
0		
500		
750		
1000		
1500		
2000		
3000		
4000		
5000		
6000		

Calibrated By	
Calibrated by	
Inspected By	

AA-VSICC (04-20) Page 1 of 1

Forms Manual (FM)

6.26.1 Instructions for Form Use: AA-VSICC: Vertical Speed Indicator Correction Card

- 1. Enter the creation date of the Vertical Speed Indicator Correction Card
- 2. Enter the Work Order number under which the card is being created
- 3. Enter the Manufacturer's Model number of the unit
- 4. Enter the Manufacturer's Serial Number of the unit
- 5. Vertical Speed Indicator Correction Card
 - a. Enter the performance parameters of the unit, as tested, or following adjustments and calibration
- 6. Select the repair station creating the correction card
- 7. Enter the name of the person creating the correction card
- 8. Enter the name of the person who performed Final Inspection

Forms Manual (FM)

6.27 AA-WBELR: Weight and Balance Equipment List Revision

- There are 3 forms in the other manual, one for each of the shops. Which one do you want to use?
- From AVM?

Forms Manual (FM)

6.28 AA-WO: Work Order

- There are 3 forms shown which one is correct or do we use all 3 or? I don't understand this one. ©
- From AVM?

Forms Manual (FM)

6.29 AA-WT: Work Traveler

- There are 2 forms listed here for 2 shops but they look exactly the same.
- From AVM?

-

Alta Avionics, LLC Forms Manual (FM)

Alta Avionics, LLC Forms Manual (FM)

7 Appendix A – List of Effective Pages

LIST OF EFFECTIVE PAGES		
PAGE NO.	<u>REV.</u>	DATE
COVER PAGE	1.0	03/2020
1-1	1.0	04/2020
1-2	1.0	04/2020
1-3	1.0	04/2020
2-1	1.0	04/2020
3-1	1.0	04/2020
3.2	1.0	04/2020
4-1	1.0	04/2020
5-1	1.0	04/2020
6-1	1.0	04/2020
6-2	1.0	04/2020
7-1	1.0	04/2020
7-2	1.0	04/2020
7-3	1.0	04/2020
8-1	1.0	04/2020
8-2	1.0	04/2020
8-3	1.0	04/2020
9-1	1.0	04/2020
9-2	1.0	04/2020
10-1	1.0	04/2020
10-3	1.0	04/2020
10-3	1.0	04/2020
11-1	1.0	04/2020
11-2	1.0	04/2020

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11-3	1.0	04/2020
11-4	1.0	04/2020
11-5	1.0	04/2020
11-6	1.0	04/2020
11-7	1.0	04/2020
11-8	1.0	04/2020
12-1	1.0	04/2020
12-2	1.0	04/2020
13-1	1.0	04/2020
13-2	1.0	04/2020
14-1	1.0	04/2020
14-2	1.0	04/2020
14-3	1.0	04/2020
14-4	1.0	04/2020
14-5	1.0	04/2020
15-1	1.0	04/2020
15-2	1.0	04/2020
15-3	1.0	04/2020
16-1	1.0	04/2020
16-2	1.0	04/2020
·		