



Alta Avionics, LLC

# CAPABILITY MANUAL (CM)

CRS# JN1R0210

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Woods Cross, UT 84087

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## 1 List of Effective Pages

<del>LIST OF EFFECTIVE PAGES</del>
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PAGE NO.	REV.	DATE
COVER PAGE-1	<del>Original</del> <u>1.0</u>	<del>03/2020</del> <u>05/2021</u>
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FAA Inspector/Date Quality Assurance Manager/Date

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## 2 Record of Revision – Capability Manual (CM)

Revision Identification	Revision Date	Description of Revision	<del>Repair Station</del> <u>Capability Manual</u> Approval
<del>Original</del> <u>1.0</u>	5/2021	Initial Version Complete	See 'List of Effective Pages'

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## 4 Introduction

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

This Capabilities 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 company's Capability Manual to comply with 14CFR Part 145 (§215~~7~~1).

## 5 Manual Control

This manual will be maintained by the FAA Coordinator and will ~~be stored on Alta Avionics, LLC computer system. Alta Avionics, LLC will~~ provide a ~~direct link on every computer terminal~~ hard copy OR electronic Portable Document Format (PDF) for manual access for all employees. ~~A computer system data backup~~ personnel. If an electronic manual is requested a PDF version of this manual will be by provided by link for electronic manual access for any personnel.

Any digital version of this manual will be ~~performed once each month, in PDF and archived in an organized manner easily retrievable for historical record and shall be done so in such a manner so as not to interfere~~ with rolling data 'snapshots' each day, and that data ~~the most current version of this manual. In the event of hardware failure, a hardcopy, or digital file (remote or local) will be used to restore~~ repair station data in the event of computer failed data.

~~In addition, the Portable Data Format (pdf) files and corresponding Document (.doc and .docx) files will be kept on a Version Control System (VCS) remotely from Alta Avionics, LLC's premises. VCS systems allow the reproduction of the current manual version, as well as provide an effective storage and retrieval system for past or historical versions of the manual.~~

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 ~~AAA~~-MCR (Manual Change Request). A sample of this form is found in the Forms Manual. The General Manager will have the revisions found necessary, produced in a final form. ~~In addition, a Capability List Self Evaluation shall be carried out using form AA-CLSE as detailed below in paragraph 3.1.~~ The proposed revisions will be submitted to the FAA/CHDO (Federal Aviation Administration/Certificate Holding District Office) for acceptance in electronic form (pdf).

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

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

Revisions found "not acceptable" to the FAA/CHDO, which do not conform to applicable regulations, will be addressed by this repair station as a top priority. The identified procedure or action will cease, and acceptable changes implemented immediately. The

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maintenance/administrative actions that were performed under revisions found “not acceptable” by the FAA/CHDO will be addressed in the following order:

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

## 5.1 Self-Evaluation

An article or capability will be listed in this Capability Manual only if the capability is within the scope of the ratings of Alta Avionics, LLC’s repair station certificate, and only after the repair station has performed a self-evaluation in accordance with the procedures under §145.209(d)(2). Alta Avionics, LLC shall perform a self-evaluation using ~~form~~Form A-CLSE (~~Capability~~Capabilities List Self Evaluation) to determine that the repair station has all of the housing, facilities, equipment, material, technical data, processes, and trained personnel in place to perform the work on the article as required by CFR part 145. A sample of this form is found in the Forms Manual. Alta Avionics, LLC shall retain on file (electronic or paper) documentation of the evaluation.

## ~~5.2 Satellite Facilities~~



## **5.2 Additional Fixed Locations**

All ~~satellite facilities~~additional fixed locations 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.

## 6 Capability Index

In an effort to provide clarity and ease of use, the following Capability Index is detailed to provide a simple cross reference to specific capabilities of Alta Avionics, LLC.

Capability Description	Capability Identifier
Airframe Major and Minor repairs and alterations required for radio, instrument and electrical or electronic accessory removal, installation, inspection and maintenance.	A
Airframe major and minor repairs and alterations required avionics equipment rack and instrument panel removal, installation, inspection and maintenance.	B
Airframe major and minor repairs and all alterations required for antenna removal, installation, inspection and maintenance.	C
Major and minor repairs and alterations, maintenance, inspections, removal and installation of all airframe electrical and electronic systems (including indicating system and wiring).	D
Airframe rigging required for autopilot removal, installation, inspection and maintenance.	E
Installation or replacement of remote transducers that do not require alteration or removal of complex systems and components. (Including opening of fuel systems.)	F
Airframe; 14 CFR part 23 <sup>1</sup> cabin interior refurbishment; excluding fabrication of cabinets, counter tops, fixtures, galleys, or lavatories, except for replacement or repair of; decorative finishes, laminates, carpets, or dress covers of seats and interior panels (textiles or animal hide), thermal/acoustic insulation.	G
Airframe; 14 CFR part 27 <sup>2</sup> cabin interior refurbishment; excluding fabrication of cabinets, counter tops, fixtures, galleys, or lavatories, except for replacement or repair of; decorative finishes, laminates, carpets, or dress covers of seats and interior panels (textiles or animal hide), thermal/acoustic insulation.	H

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<sup>1</sup> [Standard Airworthiness Certification Regulations, Part 23](#), Airworthiness Standards: Normal Category Airplanes

<sup>2</sup> [Standard Airworthiness Certification Regulations, Part 27](#), Airworthiness Standards: Normal Category Rotorcraft

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Capability Description	Capability Identifier
Airframe; 14 CFR part 23 <sup>3</sup> cabin interior refurbishment; excluding repairs or alterations to 16G TSO or TC qualified seating, fabrication of cabinets, counter tops, fixtures, galleys, or lavatories, except for replacement or repair of; decorative finishes, carpets, or dress covers of seats and interior panels (textiles or animal hide), thermal/acoustic insulation.	I
Airframe; 14 CFR part 25 <sup>4</sup> cabin interior refurbishment; excluding repairs or alterations to 16G TSO or TC qualified seating, fabrication of cabinets, counter tops, fixtures, galleys, or lavatories, except for replacement or repair of; decorative finishes, carpets, or dress covers of seats and interior panels (textiles or animal hide), thermal/acoustic insulation.	J
Airframe; 14 CFR part 29 <sup>5</sup> cabin interior refurbishment; excluding repairs or alterations to 16G TSO or TC qualified seating, fabrication of cabinets, counter tops, fixtures, galleys, or lavatories, except for replacement or repair of; decorative finishes, carpets, or dress covers of seats and interior panels (textiles or animal hide), thermal/acoustic insulation.	K
Airframe portions of RVSM inspections, tests, and maintenance as contained within FAA Approved RVSM Maintenance Programs.	L
Avionics maintenance including 14 CFR Part 91 §§ 91.411 & 91.413; test and inspections including RVSM test and inspections.	M

<sup>3</sup> [Standard Airworthiness Certification Regulations, Part 23](#), Airworthiness Standards: Normal Category Airplanes

<sup>4</sup> [Standard Airworthiness Certification Regulations, Part 25](#), Airworthiness Standards: Transport Category Airplanes

<sup>5</sup> [Standard Airworthiness Certification Regulations, Part 29](#), Airworthiness Standards: Transport Category Rotorcraft

## 7 Capability List

Make	As listed on FAA Type Certificate (as revised);	Capabilities
AERO Commander	1A21 A-758	A,B,C,D,E,F,G
Aerospatiale	H11EU	A,B,C,D,E,F,G
Air Tractor, Air Tractor Inc.	A9SW A19SW	A,B,C,D,E,F,G
American	A11EA	A,B,C,D,E,F,G
American Champion	A21CE	A,B,C,D,E,F,G
Aviat	A22NM	A,B,C,D,E,F,G
Beech, Beechcraft	3A15 3A16 5A3 A23CE A24CE A-777	A,B,C,D,E,F,G
Bell	H2SW	A,B,C,D,E,F,G
Bellanca	A21CE	A,B,C,D,E,F,G
Bombardier Inc	A21EA	A,B,C,D,E,F,G
Cessna	3A10 3A12 3A13 3A19 3A21 3A24 3A25 5A6 A-768	A,B,C,D,E,F,G

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Make	As listed on FAA Type Certificate (as revised);	Capabilities
Cessna (cont)	A-779 A-790 A00014WI A4CE A4EU A6CE A7CE A13CE A13EU A16CE A27CE A37CE A42EU	A,B,C,D,E,F,G
Cirrus Design	A00009CH	A,B,C,D,E,F,G
Dassault	A46EU	A,B,C,D,E,F,G
Diamond	A47CE	A,B,C,D,E,F,G
Eclipse Aviation	A00002AC	A,B,C,D,E,F,G
Elan/Gaser	G08CE	A,B,C,D,E,F,G
Ercoupe	A-718	A,B,C,D,E,F,G
Eurocopter	H9EU	A,B,C,D,E,F,G
Extra Aircraft	A67EU	A,B,C,D,E,F,G
Glasflugel	G20EU	A,B,C,D,E,F,G
Gulfstream	A12EA	A,B,C,D,E,F,G
Helio	1A8	A,B,C,D,E,F,G
Lancair	A00003SE	A,B,C,D,E,F,G
Maule	3A23	A,B,C,D,E,F,G

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Make	As listed on FAA Type Certificate (as revised);	Capabilities
Mooney International Corporation	2A3	A,B,C,D,E,F,G
Pilatus	A78EU	A,B,C,D,E,F,G
Piper	1A2 1A6 1A15 2A10 2A13 A3SO A7SO A17WE A18SO A20SO A24SO	A,B,C,D,E,F,G
Raytheon	A24CE	A,B,C,D,E,F,G
Robinson	H11NM	A,B,C,D,E,F,G
Rockwell	A12SO	A,B,C,D,E,F,G
Ryan	A-782	A,B,C,D,E,F,G
Schempp-Hirth	G04CE G26EU	A,B,C,D,E,F,G
Schleicher	G05CE	A,B,C,D,E,F,G
Smith	A17WE	A,B,C,D,E,F,G
Socata	A60EU	A,B,C,D,E,F,G
Stinson	A-767	A,B,C,D,E,F,G
Techam	A62CE	A,B,C,D,E,F,G