Capabilities List

(This document is used in conjunction with the Ascent Aviation Services' Repair Station Operations Specifications A003 for ERKR675D.)

This document does not form part of the 14 CFR Part 145 Ascent Aviation Services Repair Station Manual and Quality Control Manual (RSM/QCM).

This document is the property of Ascent Aviation Services. Disclosure of its contents to other than those who have entered into specific agreement with Ascent Aviation Services for its use is strictly prohibited. This document must not be reproduced, copied, or used in any way except with written permission and approval of the Director of Quality Control.

Marana Aerospace Solutions, Inc.
d/b/a
Ascent Aviation Services
Air Agency Certificate
ERKR675D
24641 Pinal Air Park Rd.
Marana, Arizona 85653
(520) 682-4181

This document is the property of Ascent Aviation Services. It may not be reproduced without express written consent. Uncontrolled printed versions of this document are for reference only unless verified against a controlled copy.

TABLE OF CONTENTS

TABLE OF CONTENTS **1**

SUMMARY OF CHANGES **2**

1 GENERAL AND ADMINISTRATIVE PROCEDURES **4**

1.1 INTRODUCTION 4
1.2 CAPABILITIES LIST CONTROL – REVISION AND DISTRIBUTION 4
1.3 PROCEDURE 5
1.3.1 Additions to the Capabilities List *5*
1.3.2 Deletions from the Capabilities List *6*

2 LIMITED RATING **7**

2.1 LIMITED AIRFRAMES 7
2.2 LIMITED ENGINES 8
2.3 LIMITED PROPELLERS 11
2.4 LIMITED INSTRUMENTS 12
2.5 LIMITED RADIO 13
2.6 LIMITED ACCESSORIES 14
2.7 LIMITED LANDING GEAR COMPONENTS 17
2.8 LIMITED OTHER 20

Summary of Changes

Rev. No.	Date	Section	Description of Revision
Original	10/MAY/2024	N/A	First issuance of the Capabilities List for Ascent Aviation Services' location Marana CRS# **ERKR675D**.
1	28/JUN/2024	2.2 & 2.6	Added Engine / General Electric Aerospace / GE90 series to Limited Engines. Added Engine / Rolls-Royce / RB211 – 524 and 535 Series. Corrected typos in the Limited Accessories Section: 40176 to 40176-4, 539-CH-1 to 539CH1, and 2726CH to 2726CH1. Deleted Battery / 539CH-1 (duplicate) and Battery / 2013-1A (no longer supporting).
2	09/JUL/2024	2.2 & 2.6	Added Engine / Pratt & Whitney / PW4000-94, -100, -112 Series to Limited Engines. Added Engine / CFM International / CFM56 Series to Limited Engines. Added Engine / General Electric Aviation / CF6-50 and 80 Series to Limited Engines. Added Battery / Saft / NICAD / 5319CH1 to Limited Accessories.
3	09/JUL/2024	Summary of Changes	Added "Rev. No." and "Date" columns to the Summary of Changes table.
4	12/NOV/2024	2.2	Added Engine / CFM International / LEAP-1B to Limited Engines.
5	25/NOV/2024	2.2	Added Engine / Rolls-Royce / Trent 700/800/1000 to Limited Engines.
6	12/MAY/2025	2.2 & 2.6	Added Engine / General Electric / GENX-2B to Limited Engines. Added Battery / Saft / PN 4078-17 to Limited Accessories.
7	06/AUG/2025	2.2	Added Engine / General Electric / CF34-10 to Limited Engines.
8	03/SEP/2025	2.2	Added Engine / International Aero Engines / V2500 Series to Limited Engines.
9	19/NOV/2025	2.2	Added Engine / Pratt & Whitney / PW1000G Series to Limited Engines.

Revision No.:	9	**Date Effective:**	19/NOV/2025

Approved By:	Timothy Parrish Digitally signed by Timothy Parrish Date: 2025.11.19 11:27:15 -07'00'
Director of Quality Control	

1 General and Administrative Procedures

1.1 Introduction

Ascent Aviation Services has been granted the authority by the Federal Aviation Administration (FAA) through the Repair Station Operations Specifications A003, to revise its Repair Station Capabilities List through the procedures outlined in the RSM/QCM.

Maintenance, preventive maintenance, or alterations performed at Ascent Aviation Services will adhere to the following guidelines:

- Ascent Aviation Services will not maintain, alter, or modify any airframe, engine, or component for which the repair station is not rated.
- Any maintenance, preventive maintenance, or alterations performed by Ascent Aviation Services will be completed in accordance with all current and applicable Code of Federal Regulations (CFR), the RSM/QCM, and associated policies and procedures.
- Maintenance, preventive maintenance, or alterations will be performed for air carriers or air operators conducting operations under 14 CFR Parts 121, 125, 129, or 135 in accordance with the air carriers' or air operators' maintenance program, manuals, and procedures. A written agreement will be utilized to signify adherence to procedures.
- All employees of Ascent Aviation Services will be able to access the current controlled copy of this document on the company Intranet.
- The Director of Quality Control will maintain the master copy of the Capabilities List, and it is available upon request.

1.2 Capabilities List Control – Revision and Distribution

The Director of Quality Control is responsible for all amendments (revisions) to the Capabilities List. Refer to the RSM/QCM Section 1.6, Capabilities List.

Note: This Capabilities List is a supplement to the 14 CFR Part 145 FAA approved Operations Specifications.

The Director of Quality Control will post an electronic copy of this Capabilities List on the company Intranet as described in the RSM/QCM Section 1.2, Manual Control/Revisions.

1.3 Procedure

The Director of Quality Control will use the processes and procedures defined within the RSM/QCM Section 1.6, Capabilities List in conjunction with the below procedures to revise this document.

1.3.1 Additions to the Capabilities List

Upon receiving the request for an addition to the Capabilities List, the Chief Inspector will:

1. Initiate Form CAP-01, Capabilities List Self Evaluation Checklist to assess that the repair station has:
    a. The appropriate rating(s).
    b. Adequate housing and facilities.
    c. Recommended tools, equipment, material(s), processes and/or equivalent(s) as necessary to perform the maintenance in accordance with 14 CFR Part 43.
    d. Current technical data.
    e. Sufficiently trained and qualified personnel.
    f. The capability to perform all necessary article maintenance function(s) or has the required maintenance function(s) listed on the FAA approved contract maintenance functions list in accordance with Section 1.13 of the RSM/QCM.
    g. Completed self-evaluation records on file.
2. The Director of Quality Control will review the completed CAP-01 and determine the limitations of the capability.
3. If the results from the self-evaluation are not satisfactory, the Director of Quality Control will not revise the Capabilities List until all deficiencies are corrected.
4. If the results from the self-evaluation are satisfactory, the Director of Quality Control will revise the appropriate limited-rating Capabilities List.
5. Each individual page of the Capabilities List contains a revision number and effective date within the header indicating the revision and effective date of the document's revision.
6. All changes made to the Capabilities List will be notated within the Summary of Changes section with the effective revision number and date of the Capabilities List listed on the Summary of Changes page.

7. The Director of Quality Control will apply his/her signature and date in the Director of Quality Control Approval section at the bottom of the Summary of Changes to indicate their approval of the revision.
8. The Director of Quality Control will submit the revised Capabilities List to the appropriate FAA Principal Inspector(s) within five (5) business days either electronically or by letter.
9. The Director of Quality Control will ensure the revised Capabilities List has been published to the company Intranet, and that all records of the completed self-evaluation are filed in the electronic system and available to the FAA.
10. Completed Capabilities List Self Evaluation Checklists (CAP-01 Form) will be retained by the Quality Control Department for as long as the capability is required and for a minimum of 3 years after articles are removed from the Capabilities List.

1.3.2 Deletions from the Capabilities List

Every time the Capabilities List is revised, the Chief Inspector will review the list for articles that are no longer needed. Any articles noted to be no longer needed will be reported to the Director of Quality Control for removal from the Capabilities List.

The Director of Quality Control will:

1. Delete the unnecessary article from the applicable section of the Capabilities List.
2. Update the revision number to the next sequential value.
3. Update the effective date of the revision.
4. Notate the deletion of the article and its applicable data within the Summary of Changes section of the Capabilities List.
5. Apply his/her signature and date in the Director of Quality Control Approval section at the bottom of the Summary of Changes to indicate their approval of the revision.
6. Submit the revised Capabilities List to the FAA within five (5) business days of the revision.
7. Publish the revised Capabilities List to the company Intranet.
8. Ensure that the completed CAP-01, Capabilities List Self Evaluation Checklist and all relevant data for the removed article is archived within the electronic system and kept on file for a minimum of three (3) years after the article's deletion.

2 LIMITED RATING

2.1 Limited Airframes

Limited Airframes			
Rating	*Manufacturer*	*Make/Model*	*Limitations*
Airframe	Boeing	787-8, 787-9, 787-10	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data, air carrier data, air operator data, and other FAA accepted or approved data.
Airframe	Raytheon Aircraft Company	1900 All Series	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data, air carrier data, air operator data, and other FAA accepted or approved data.

2.2 Limited Engines

Limited Engines			
Rating	*Manufacturer*	*Make/Model*	*Limitations*
Engine	Pratt & Whitney	PT6A-64, PT6A-65, PT6A-67 All Series	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data, air carrier data, air operator data, and other FAA accepted or approved data, excluding overhaul or disassembly of the engine.
Engine	General Electric Aerospace	GE90 Series	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data, air carrier data, air operator data, and other FAA accepted or approved data, excluding overhaul or disassembly of the primary rotating components of the engine with exception of the first stage fan blades.
Engine	Rolls-Royce	RB211 – 524 and 535 Series	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data, air carrier data, air operator data, and other FAA accepted or approved data, excluding overhaul or disassembly of the primary rotating components of the engine with exception of the first stage fan blades.
Engine	Pratt & Whitney	PW4000-94, -100, -112 Series	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data, air carrier data, air operator data, and other FAA accepted or approved data, excluding overhaul or disassembly of the primary rotating components of the engine with exception of the first stage fan blades.
Engine	CFM International	CFM56 Series	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data, air carrier data, air operator data, and other FAA accepted or approved data, excluding overhaul or disassembly of the primary rotating components of the engine with exception of the first stage fan blades.
Engine	General Electric Aviation	CF6-50 and 80 Series	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data, air carrier data, air operator data, and other FAA accepted or approved data, excluding overhaul or disassembly of the primary rotating components of the engine with exception of the first stage fan blades.

Limited Engines			
Rating	*Manufacturer*	*Make/Model*	*Limitations*
Engine	CFM International	LEAP-1B	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data, air carrier data, air operator data, and other FAA accepted or approved data, excluding overhaul or disassembly of the primary rotating components of the engine with exception of the first stage fan blades.
Engine	Rolls-Royce	Trent 700/800/1000	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data, air carrier data, air operator data, and other FAA accepted or approved data, excluding overhaul or disassembly of the primary rotating components of the engine with exception of the first stage fan blades.
Engine	General Electric	GENX-2B	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with the manufacturer, air carrier, air operator, and other FAA accepted or approved data, excluding overhaul or disassembly of the primary rotating components of the engine with exception of the first stage fan blades.
Engine	General Electric	CF34-10	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with the manufacturer, air carrier, air operator, and other FAA accepted or approved data, excluding overhaul or disassembly of the primary rotating components of the engine with exception of the first stage fan blades.
Engine	International Aero Engines	V2500 Series	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with the manufacturer, air carrier, air operator, and other FAA accepted or approved data, excluding overhaul or disassembly of the primary rotating components of the engine with exception of the first stage fan blades.

Limited Engines			
Rating	*Manufacturer*	*Make/Model*	*Limitations*
Engine	Pratt & Whitney	PW1000G Series	Limited to performance of off-wing engine storage condition checks, including visual inspections, humidity indicator readings, descant condition checks, and storage interval documentation, in accordance with manufacturer, air carrier, air operator, and other FAA accepted or approved data. Preservation and de-preservation procedures are excluded. Overhauls or disassembly of primary rotating components is excluded.

2.3 Limited Propellers

Limited Propellers			
Rating	*Manufacturer*	*Make/Model*	*Limitations*
Propellers	(TBD)	(TBD)	(Manufacturer, Make/Model and Limitation will be determined during self-evaluation. Ref. RSM section 1.6)

2.4 Limited Instruments

Limited Instruments			
Rating	*Manufacturer*	*Make/Model*	*Limitations*
Instruments	(TBD)	(TBD)	(Manufacturer, Make/Model and Limitation will be determined during self-evaluation. Ref. RSM section 1.6)

2.5 Limited Radio

Limited Radio			
Rating	*Manufacturer*	*Make/Model*	*Limitations*
Not authorized	Not authorized	Not authorized	None.

2.6 Limited Accessories

Limited Accessories			
Rating	*Manufacturer*	*Make/Model*	*Limitations*
Battery	Marathon Narco	NICAD / 27826	Limited to the performance of maintenance and preventive maintenance in accordance with manufacturer data and other FAA accepted or approved data.
Battery	Marathon Narco	NICAD / 33183-001	Limited to the performance of maintenance and preventive maintenance in accordance with manufacturer data and other FAA accepted or approved data.
Battery	Marathon Narco	NICAD / 30874-001	Limited to the performance of maintenance and preventive maintenance in accordance with manufacturer data and other FAA accepted or approved data.
Battery	Saft	NICAD / 40176-4	Limited to the performance of maintenance and preventive maintenance in accordance with manufacturer data and other FAA accepted or approved data.
Battery	Saft	NICAD / 405CH10	Limited to the performance of maintenance and preventive maintenance in accordance with manufacturer data and other FAA accepted or approved data.
Battery	Saft	405CH23	Limited to the performance of maintenance and preventive maintenance in accordance with manufacturer data and other FAA accepted or approved data.

Limited Accessories			
Rating	*Manufacturer*	*Make/Model*	*Limitations*
Battery	Saft	NICAD / 40176-7	Limited to the performance of maintenance and preventive maintenance in accordance with manufacturer data and other FAA accepted or approved data.
Battery	Saft	NICAD / 018550-000	Limited to the performance of maintenance and preventive maintenance in accordance with manufacturer data and other FAA accepted or approved data.
Battery	Saft	NICAD / AD-4579	Limited to the performance of maintenance and preventive maintenance in accordance with manufacturer data and other FAA accepted or approved data.
Battery	Saft	NICAD / 2758	Limited to the performance of maintenance and preventive maintenance in accordance with manufacturer data and other FAA accepted or approved data.
Battery	Saft	NICAD / 272CH1	Limited to the performance of maintenance and preventive maintenance in accordance with manufacturer data and other FAA accepted or approved data.
Battery	Saft	NICAD / 405CH	Limited to the performance of maintenance and preventive maintenance in accordance with manufacturer data and other FAA accepted or approved data.
Battery	Saft	NICAD / 4076-5	Limited to the performance of maintenance and preventive maintenance in accordance with manufacturer data and other FAA accepted or approved data.

Limited Accessories			
Rating	*Manufacturer*	*Make/Model*	*Limitations*
Battery	Saft	NICAD / 4059	Limited to the performance of maintenance and preventive maintenance in accordance with manufacturer data and other FAA accepted or approved data.
Battery	Saft	NICAD / 2726CH1	Limited to the performance of maintenance and preventive maintenance in accordance with manufacturer data and other FAA accepted or approved data.
Battery	Saft	NICAD / 416541	Limited to the performance of maintenance and preventive maintenance in accordance with manufacturer data and other FAA accepted or approved data.
Battery	Saft	NICAD / 539CH1	Limited to the performance of maintenance and preventive maintenance in accordance with manufacturer data and other FAA accepted or approved data.
Battery	Saft	NICAD / 5319CH1	Limited to the performance of maintenance and preventive maintenance in accordance with manufacturer data and other FAA accepted or approved data.
Battery	Saft	NICAD / PN 4078-17	Limited to the performance of maintenance and preventive maintenance in accordance with manufacturer data and other FAA accepted or approved data.

2.7 Limited Landing Gear Components

Limited Landing Gear Components			
Rating	*Manufacturer*	*Make/Model*	*Limitations*
Landing Gear	Safran	Nose Landing Gear / D23175000 Series	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data and other FAA accepted or approved data.
Landing Gear	Safran	Nose Landing Gear / D23175001 Series	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data and other FAA accepted or approved data.
Landing Gear	Safran	R/H Main Landing Gear Assembly / 201581002	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data and other FAA accepted or approved data.
Landing Gear	Safran	R/H Main Landing Gear Assembly / 201581004	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data and other FAA accepted or approved data.
Landing Gear	Safran	R/H Main Landing Gear Assembly / 201581006	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data and other FAA accepted or approved data.
Landing Gear	Safran	R/H Main Landing Gear Assembly / 201581008	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data and other FAA accepted or approved data.

Limited Landing Gear Components			
Rating	*Manufacturer*	*Make/Model*	*Limitations*
Landing Gear	Safran	L/H Main Landing Gear Assembly / 201581001	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data and other FAA accepted or approved data.
Landing Gear	Safran	L/H Main Landing Gear Assembly / 201581003	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data and other FAA accepted or approved data.
Landing Gear	Safran	L/H Main Landing Gear Assembly / 201581005	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data and other FAA accepted or approved data.
Landing Gear	Safran	L/H Main Landing Gear Assembly / 201581007	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data and other FAA accepted or approved data.
Landing Gear	Boeing	Nose Gear Component / 162A1100 Series	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data and other FAA accepted or approved data.
Landing Gear	Boeing	Nose Gear Drag Strut / 162A2100 Series	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data and other FAA accepted or approved data.
Landing Gear	Boeing	Main Gear Component / 161A1100 Series	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data and other FAA accepted or approved data.

Limited Landing Gear Components			
Rating	*Manufacturer*	*Make/Model*	*Limitations*
Landing Gear	Boeing	Main Gear Side Strut / 161A2100 Series	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data and other FAA accepted or approved data.
Landing Gear	Boeing	Main Gear Up-lock Assembly / 161A6100 Series	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data and other FAA accepted or approved data.
Landing Gear	Boeing	Main Gear Walking Beam / 161A7100 Series	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data and other FAA accepted or approved data.

2.8 Limited Other

Limited Other			
Rating	*Manufacturer*	*Make/Model*	*Limitations*
Not authorized	Not authorized	Not authorized	None.