Capabilities List

(This document is used in conjunction with the Ascent Aviation Services' Repair Station Operations Specifications A003 for ERK2675D.)

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

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Air Agency Certificate
ERK2675D

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Summary of Changes

Rev. No.	Date	Section	Description of Revision
Original	11/MAR/2024	N/A	First issuance of the Capabilities List for Ascent Aviation Services' location Tucson CRS# **ERK2675D**.
1	06/MAY/2024	1.1, 2.1, 2.2, & 2.5	Updated Section 1.1 to refer to air operators instead of commercial operators. Revised limitation to include air operator data for airframes Airbus, Boeing, Canadair, and McDonnell Douglas. Revised limitation to include air operator data for airframe Embraer ERJ170/175. Revised limitation to include air operator data for all engines. Revised radio limitation to be limited to radar equipment testing as required per 14 CFR 91.413.
2	09/JUL/2024	Summary of Changes	Added "Rev. No." and "Date" columns to the Summary of Changes table.

Revision No.:	2	**Date Effective:**	09/JUL/2024

Approved By:	Timothy Parrish Digitally signed by Timothy Parrish Date: 2024.07.09 13:31:22 -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	Airbus	A319, A320, A321	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	Boeing	727, 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.
Airframe	Boeing	737-100 - 737-900	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	Boeing	737 Max 7, 8, 9	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	Boeing	757, 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.
Airframe	Canadair	CL600-2B19, CL600-2C10, CL600-2D15, CL600-2D24	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.

Limited Airframes			
Rating	*Manufacturer*	*Make/Model*	*Limitations*
Airframe	Embraer	ERJ135/145	Limited to the performance of maintenance, preventive maintenance, and alterations in accordance with manufacturer data, air carrier data, and other FAA accepted or approved data.
Airframe	Embraer	ERJ170/175	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	Embraer	ERJ190/195	Limited to the performance of Manufacturer, Air Operator or Air Carrier approved parking, mooring, storage and return to service program. Engine & APU removal and Installation, Painting, Weight & Balance. Interior Maintenance, Alternations & Reconfigurations.
Airframe	McDonnell Douglas	DC-9, 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	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	General Electric	CF34-3A1/3B1, CF34-8C1, CF34-8C5	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	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	International Aero Engines	V2500 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	JT8D 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	PW2037, PW2040	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	Rolls Royce	RB211-535 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	Rolls Royce	AE 3007A 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.

2.3 Limited Propellers

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

2.4 Limited Instruments

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

2.5 Limited Radio

Limited Radio			
Rating	*Manufacturer*	*Make/Model*	*Limitations*
Radio	All Airframes for which is repair station is rated	All Airframes for which is repair station is rated	Limited to radar equipment testing as required per 14 CFR 91.413.

2.6 Limited Accessories

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

2.7 Limited Landing Gear Components

Limited Landing Gear Components			
Rating	*Manufacturer*	*Make/Model*	*Limitations*
Not authorized	Not authorized	Not authorized	None.

2.8 Limited Other

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