

Hale Aircraft, Inc.

Capabilities List

FAA Certified Repair Station Number: 41ER737D

INTRODUCTION

This capabilities list contains aircraft by model series and engines by model series approved to be worked by the company. Specialized service processes and FAA approved repair processes are also shown in the listing.

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QA Manager Approval

Signature  Date 02/18/10

FAA PMI Approval

Signature  Date 02-18-2010

RECORD OF REVISION

REVISION NUMBER	REVISION DATE	INSERT DATE	INSERTED BY
ORIGINAL	07/07/2009	07/07/2009	CBL
1	02/18/10	02/18/10	CBL

CAPABILITIES REVISION AND SELF EVALUATION PROCEDURES

The Quality Assurance Manager will be responsible for maintaining the Capabilities List and will notify the Atlanta FSDO of any changes; this may be done by telephone, fax, or e-mail. The PMI will be notified prior to the change to the capabilities list.

Self-evaluation of revising the capabilities list will require that the affected department requesting a change must provide the need to the Quality Assurance Manager or his designee. Once the need has been determined, the Quality Assurance Manager will evaluate that adequate housing, facilities, required tools, equipment, materials and technical data are available for the requested article. If any discrepancies are noted during the self-evaluation phase, they will be presented to management for review. When it is determined the noted discrepancies have been resolved they will be presented to the Quality Assurance Manager for approval.

A self evaluation of the capabilities list will be conducted annually by the Quality Assurance Manager to determine if the articles are still required.

The revision will be marked clearly by placing a revision bar to the right of the change.

Anytime an article is added to the capabilities list, a self-evaluation will be performed and documented on the self-evaluation checklist form. The checklist will be filled as long as the capability remains on the capabilities list.

REPAIR STATION CAPABILITIES SELF-EVALUATION CHECKLIST

A/C MAKE _____

A/C MODEL _____

Is the repair station properly rated to perform maintenance on the article?	YES	NO
Does the repair station have adequate housing and facilities to perform maintenance on the article?	YES	NO
Does the repair station have the tools and test equipment recommended by the manufacturer or the equivalent tools acceptable to the FAA?	YES	NO
Does the repair station have the current technical data applicable to the maintenance to be performed?	YES	NO
Does the repair station have sufficient qualified personnel to perform maintenance on the article and approve it for return to service?	YES	NO

REMARKS:

Manager's Signature: _____

Date: _____

Rating

Manufacturer

Model/Make

Limitations

Limited Powerplant

General Electric

CJ610

CF700

Perform removal and installation of turbine engines and / or modular units on airframes where the listed engine types are installed. Perform inspection, repair, alteration, and overhaul including hot section inspections of General Electric CJ 610 series and CF 700 series engines, including the front frame assembly, compressor assembly, case and stator, rotor assembly, main frame and PTO, combustion section, turbine and exhaust section, accessory drive, transfer gearbox, and aft fan assembly. Using the methods, techniques, and practices prescribed in the current manufacturer's maintenance manual or instructions for continued air worthiness, or other methods, techniques, and practices acceptable to the administrator.

LIMITED RATINGS

Rating

Manufacturer

Model/Make

Limitations

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Hale Aircraft, Inc.

Capabilities List

Revision No. 1

Rating

PowerPlant

Manufacturer

Pratt and Whitney

Model/Make

JT15D Series

Limitations

Perform removal and installation of turbine engines and / or modular units on airframes where the listed engine types are installed. Perform inspection, repair, alteration, and overhaul including hot section inspections of Pratt and Whitney JT15D series including the low compressor, combustion section, turbine section, and gearbox and drive. Using the methods, techniques, and practices prescribed in the current manufacturer's maintenance manual or instructions for continued air worthiness, or other methods, techniques, and practices acceptable to the administrator.

Powerplant

General Electric

CJ 610

CF 700

Perform turbine engine test cell testing for return to service of listed engines. Using the Hale Aircraft, Inc. test cell Operations Manual and using the methods, techniques, and practices prescribed in the current manufacturer's maintenance manual or instructions for continued air worthiness, or other methods, techniques, and practices acceptable to the administrator.

Rating

Powerplant

Manufacturer

Pratt and Whitney

Model/Make

JT15D

Limitations

Perform turbine engine test cell testing for return to service of listed engines. Using the Hale Aircraft, Inc. test cell Operations Manual and using the methods, techniques, and practices prescribed in the current manufacturer's maintenance manual or instructions for continued air worthiness, or other methods, techniques, and practices acceptable to the administrator.

Powerplant

Pratt and Whitney (Canada)

PT6A Series

Perform inspection, repair, alteration, and overhaul of internal individual components of the PT6A series engine; including disassembly, inspection, repair, and reassembly of the PT6A series hot sections. Using the methods, techniques, and practices prescribed in the current manufacturer's maintenance manual or instructions for continued air worthiness, or other methods, techniques, and practices acceptable to the administrator.

<u>Rating</u>	<u>Manufacturer</u>	<u>Model/Make</u>	<u>Limitations</u>
Accessory	Pratt and Whitney (Canada)	PT6A Series	<p>Perform repair, testing, and overhaul of turbine engine fuel adapters and manifolds. Using the methods, techniques, and practices prescribed in the current manufacturer's maintenance manual or instructions for continued air worthiness, or other methods, techniques, and practices acceptable to the administrator.</p>
Nondestructive Inspection, Testing, and Processing	All	<p>Dye Penetrant Fluorescent Penetrant Magnetic Particle Eddy Current</p>	<p>Using the methods, techniques, and practices prescribed in the current manufacturers' maintenance manual, NAS-410, or instructions for continued airworthiness, or other methods, techniques, and practices acceptable to the Administrator.</p>
Specialized Services	All	<u>Specifications</u>	<p>Using the methods, techniques, and practices prescribed in the current manufacturers' maintenance manual or instructions for continued airworthiness, or other methods, techniques, and practices acceptable to the Administrator.</p>
Welding	All	<p>Welding shall be accomplished in accordance with the manufacturer's specification as called out in: General Electric overhaul manuals for C4610 series and CF700 series engines as revised. Pratt and Whitney overhaul manuals for JT15D series and PT6A series engines as revised.</p>	

Rating

Accessory

Manufacturer

General Electric

Model/Make

CJ 610

CF 700

Limitations

Perform removal, installation, inspection, repair, adjustment, testing, and replacement of turbine engine bleed valves and fuel nozzle assemblies. Using the methods, techniques, and practices prescribed in the current manufacturer's maintenance manual or instructions for continued air worthiness, or other methods, techniques, and practices acceptable to the administrator.

Accessory

Pratt and Whitney

JT15D Series

Perform removal, installation, inspection, repair, adjustment, testing, and replacement of turbine engine bleed valves and fuel nozzle assemblies. Using the methods, techniques, and practices prescribed in the current manufacturer's maintenance manual or instructions for continued air worthiness, or other methods, techniques, and practices acceptable to the administrator.