Maritime Helicopters

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1	12/22/14	All
2	04/06/15	Pages 1, 2, 4 – Added PT6T, 412 series
3	02/01/16	Page 4
4	08/01/16	Page 4
5	05/01/18	Hook Testing
6	09/01/20	Added PT6A-34 & PT6B-37A engines, AW119 Series & DHC-6 Series Aircraft
7	03/30/22	All

List of Effective Pages

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Cover	Rev 7	03/30/22
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1. Introduction

14 CFR Part §145.215 - A certificated repair station with a limited rating may perform maintenance, preventive maintenance, or alterations on an article if the article is listed on a current Capability List acceptable to the FAA or on the repair station's operations specifications.

This Capabilities List provides Maritime Helicopters, Inc. (MHI) maintenance personnel guidance on Ratings Limitations as approved by the Certificate Holding District Office (CHDO)

The Capability List will identify each article by make and model or other nomenclature designated by the article's manufacturer in a format acceptable to the FAA.

2. Manual Revisions

The Part 145 Accountable Manager and Chief Inspector are jointly responsible for Capabilities List. Changes made will be summarized in the change summary table and indicated throughout the manual by change bars. A vertical bar (change bar) in the right margin indicates a change, addition, or deletion in the adjacent text for the current revision of that page only. The change bar is dropped at the next revision of that page. The effected pages will also be annotated by updating the revision level and date in the top right-hand corner. The list of effected pages will also be updated.

2.1 Manual Revisions and Control

The Part 145 Accountable Manager is responsible for this manual's revisions. This Capabilities List must receive FAA acceptance prior to release. Revisions to the Capabilities List shall be routed to the FAA for signed acceptance prior to distribution. This manual cannot be published or distributed to end users prior to formal submission to and acceptance by the FAA.

2.2 Revision Distribution

A digital copy shall be posted on the company website and accessible to maintenance crews. The web-based Capabilities List shall be maintained by the Accountable Manager.

3. Capabilities List (CL)

Articles are listed on the MHI CL only if the article is within the scope of the ratings of MHI's Repair Station's certificate, and only after performing a self-evaluation in accordance with the procedures under 14 CFR Part §145.209(d).

Prior to submission and/or revisions to the CL, MHI repair station must perform a self-evaluation to determine that our repair stations have all of the housing, facilities, tools, equipment, material, technical data, processes, and trained personnel in place to perform the work on the article as required by 14 CFR Part §145.215.

3.1 Self-Evaluations before Revision

MHI shall perform self-evaluations of approved listed capabilities to determine if any revisions need to be added to the CL. Self-Evaluation shall be performed I/A/W MHI Repair Station Manual and evaluations retained for as long as an article is listed on the current CL.

NOTE: The person performing the self-evaluation required under 14 CFR Part §145.215(c) should be experienced with performing evaluations/audits and have knowledge of Part 145 requirements & maintenance requirement for make and model.

Upon listing an additional article on its capability list, MHI's Part 145 Repair Station shall provide the Certificate Holding District Office (CHDO) via email with a copy of the revised list in accordance with the procedures required in 14 CFR Part §145.209(d)(1).

A Self-Evaluation Checklist shall be utilized for the purpose of performing an annual review of the repair stations capabilities. Any items that are no longer required shall be deleted from the CL. Both the Homer and Fairbanks repair stations shall retain on file documentation of the evaluation for two (2) years, to include items removed.

3.2 Self-Evaluation Checklist

A self-evaluation checklist required under 14 CFR Parts §145.209(d)(2) and §145.215(c) shall be completed when any aircraft or article is considered for addition to the Capability List. MHI Capabilities Self Evaluation Checklist – **Form 017,** listed in MHI's Repair Station Form Manual.

Form 017 shall be utilized for the purposes of performing a self-evaluation prior to modifying the Repair Station Capabilities List. Completed form's will be maintained in the Chief Inspector's office and maintained for two (2) years. Use additional sheets and/or attach any notes/photos/etc. as applicable. Attachments may be utilized if needed for additional information.

Any deficiencies found during the self-evaluation must be corrected before the article can be added to the List. The individual conducting the self-evaluation must record the results and report them to the Chief Inspector for review and approval.

4. Ratings

The following are the Limited Ratings for the Homer Repair Station and Fairbanks Satellite Repair Station.

4.1 Powerplant

Rolls-Royce / Allison 250 Series Powerplants: Limited to general maintenance, excluding those items identified by Rolls-Royce / Allison as heavy maintenance or overhaul.

Pratt & Whitney Canada PT6T-3 Series Powerplants: Limited to general maintenance, excluding those items identified by Pratt & Whitney Canada as heavy maintenance or overhaul.

Pratt & Whitney Canada PT6A-34 Series Powerplants: Limited to general maintenance, excluding those items identified by Pratt & Whitney Canada as heavy maintenance or overhaul.

Pratt & Whitney Canada PT6B-37A Series Powerplants: Limited to general maintenance, excluding those items identified by Pratt & Whitney Canada as heavy maintenance or overhaul.

4.2 Accessories

Bell 206, 407 and 412 Series Helicopter rotating components (excluding powerplants): overhaul of rotating component assemblies including main rotor hub, rotating controls (swashplate and drive), masts, main transmissions, driveshafts, intermediate and tail rotor gearboxes, and tail rotor hub (to include all sub-assemblies and detail parts of listed major assemblies) as listed by specific make and model of aircraft and name of assembly. Maintenance of rotating component assemblies including main rotor hub, rotating controls (swashplate and drive), masts, main transmissions, driveshafts, intermediate and tail rotor gearboxes, and tail rotor hub (to include all sub-assemblies and detail parts of listed major assemblies), as listed by specific make and model of aircraft manufacturer name of assembly.

AW119 Series Helicopter rotating component (excluding powerplants): overhaul of rotating component assemblies including tail rotor hub (to include all sub-assemblies and detail parts of listed major assemblies) as listed by specific make and model of aircraft and name of assembly. Maintenance of rotating component assemblies including main rotor hub, rotating controls (swashplate and drive), masts, main transmissions, driveshafts, intermediate and tail rotor gearboxes, and tail rotor hub (to include all sub-assemblies and detail parts of listed major assemblies), as listed by specific make and model of aircraft manufacturer name of assembly.

DHC-6 Series aircraft (excluding powerplants): Maintenance of landing assemblies including brakes. Flight controls and flight control surfaces, propellers, driveshafts, airframe, cabin doors, windows (to include all sub-assemblies and detail parts of listed major assemblies), Ice and Rain Protection, as listed by specific make and model of aircraft manufacturer name of assembly.

Piper PA-32 Series aircraft (excluding powerplants): Maintenance of landing gear assemblies including brakes. Flight controls and flight control surfaces, propellers, driveshafts, airframe, cabin doors, windows to include all sub-assemblies and detail parts of listed major assemblies.

Aviation NiCad & Lead Acid batteries: As listed in manufacturer's instructions under authorized repair and servicing.

Aircraft belly and remote hooks: Overhaul to include load testing of belly and remote hooks.

5. Capabilities Approved by Airframe

5.1 Bell 206 Series Aircraft

Inspections - All listed in Bell BHT-206A/B-MM-1
Airframe Repairs- All listed in the Bell BHT-ALL-SRM-1
Overhaul - All items included in the BHT 206A/B/ Series-CR&O to include the following;

Rotor Heads	206-010-100 all dash #
	206-011-100 all dash #
Swashplate	206-010-450 all dash #
Mast Assembly	206-040-002 all dash #
Main Transmission	206-040-002 all dash #
Freewheeling Unit	206-040-230 all dash #
	206-040-270 all dash #
Tail Rotor Hub Assembly	206-011-810 all dash #
Tail Rotor Gearbox	206-040-400 all dash #
	206-040-402 all dash #
	206-961-401-001

5.2 Bell 206L Series Aircraft

Inspections - All listed in Bell 206 Series Aircraft Bell-206L Series-MM-1
Airframe Repairs- All listed in the Bell BHT-ALL-SRM-1
Overhaul - All items included in the BHT 206L Series-CR&O to include the following;

Rotor Head	206-011-100 all dash #
Swashplate	206-010-450 all dash #
Mast Assembly	206-040-014 all dash #
Main Transmission	206-040-004 all dash #
Freewheeling Assembly	206-040-270 all dash #
	406-040-500 all dash #
Tail Rotor Hub Assembly	206-011-810 all dash #
	206-011-749 all dash #
Tail Rotor Gearbox	206-040-402 all dash #

5.3 Bell 407 Series Aircraft

Inspections	All listed in Bell 407-MM-1
Airframe Repairs	All listed in the Bell BHT-ALL-SRM-1
Overhaul	All items included in the BHT 407-CR&O to include the following;

Main Rotor Hub assembly	407-010-100 all dash #
Mast Assembly	407-040-038 all dash #
Main Transmission	407-040-006 all dash #
Freewheeling Unit	406-040-500 all dash #
Tail Rotor Hub	407-012-101- all dash #
Tail Rotor Gearbox	406-040-400 all dash #

5.4 Bell 412 Series Aircraft

Inspections	All listed in Bell 412-MM-2
Airframe Repairs	All listed in the Bell BHT-ALL-SRM-1
Overhauls	All items included in the BHT 412-CR&O to include the following;

Main Rotor Hub assembly	412-010-100 all dash #
Mast Assembly	412-040-366 all dash #
Swashplate Assembly	412-010-402 all dash #
Main Drive Shaft	212-040-686 all dash #
Main Transmission	412-040-002 all dash #
Tail Rotor Hub	212-011-701 all dash #
42 deg Gearbox	412-040-006 all dash #
Tail Rotor Gearbox	212-040-004 all dash #

5.5 Airbus BO-105 CBS-4 AMM

Inspections	All listed in Airbus BO-105 CBS-4 AMM

5.6 AW119 Series

Inspections	All listed in A119/AW119MKII-MM & MPM
Airframe Repairs	A119/AW119MKII-MM
Overhaul	Limited to the following;

Tail Rotor Hub	109-0162-03-107

5.7 Piper PA-32 Series

Inspections - All listed in Piper Inspection Requirements Manual P/N 767-019
Airframe Repairs – Piper Service Manual P/N 753-690 and as per AC 43.13 1B & 2B

5.8 DHC-6 Series

Inspections - All listed in Viking Inspection Requirements Manual PSM 1-6-7
Airframe Repairs- All listed in the Viking Structural Repair Manual PSM 1-6-3