

CH/A:ENRA - MARITIME HELICOPTERS INC

MLF Label:4.2.2 (AW) Maintenance/Inspection Schedule (Released)

DCT Type:ED DCT

Specialty:Airworthiness

DCT Revision:18.0 on 06/24/19 (Released)

Summary Information

Purpose (Certificate Holder Responsibility):To carry out maintenance and inspection programs meeting type design.

Objective (FAA Responsibility):Determine if the CH will be able to; (1) Comply with regulations; (2) Conduct maintenance meeting type design.

Common Data Fields

Start Date	
End Date	
Location: (Nearest) Airfield	
Related/Affiliated Designator	
CH/A Provided	
If work is offsite of the airfield, include one of the following	
☐ Address 1	
Address 2	
Address 3	
City	
State	
Postal Code	
Country	
☐ Latitude	
Longitude	

Supplemental Information

Questions	Answers	References
4.2.2 (AW) Maintenance/Inspection Schedule		
2 Does the process design ensure the individual with responsibility provides both financial and human resources for the safety and quality performance of this element? NOTE: Safety Attribute: Management Responsibility, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135" OR "145" OR "141" OR "142" OR "147") AND NOT (SAFETY PROGRAMS = "SMSVP") THEN ACTIVATE, Rev. 2 3/8/2019 12:47:48 PM, QID: 00051943, Response Details: Responsibility ED/EP/SP DCTs (Both OP and AW), Status: Released	☐ Yes ☐ No	Camp Pgs 2, 4, 5
4 Is the person with authority clearly identifiable, qualified and knowledgeable to effectively plan, direct and control resources, change procedures and make key determinations including safety risk acceptance decisions for this element? NOTE: Safety Attribute: Management Authority, Question Type: Output Validation,	☐ Yes ☐ No	Camp Pgs 2, 4, 5

Questions	Answers	References
Scoping Attribute: IF (FAR PART = "135" OR "145" OR "141" OR "142" OR "147") AND NOT (SAFETY PROGRAMS = "SMSVP") THEN ACTIVATE, Rev. 2 3/8/2019 12:47:48 PM, QID: 00051944, Response Details: Authority ED/EP/SP DCTs (Both OP and AW), Status: Released		
6 Do process measurement(s) exist to evaluate the performance of this element and implement corrective action if necessary? NOTE: Safety Attribute: Process Measurement, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135" OR "145" OR "141" OR "142" OR "147") AND NOT (SAFETY PROGRAMS = "SMSVP") THEN ACTIVATE, Rev. 2 3/8/2019 12:47:48 PM, QID: 00051945, Response Details: Process Measurement ED/EP/SP DCTs (Both OP and AW), Status: Released	☐ Yes ☐ No	Camp Pg 26-31
7 Does the manual include time limits or standards for determining maintenance/inspection time limitations, and are they listed in the OpSpecs or an approved document and referenced in the OpSpecs? NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") AND (OPSPEC = "D072") THEN ACTIVATE QUESTION, Rev. 1 5/14/2014 10:51:14 AM, QID: 00004632, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☐ Yes ☐ No ☐ Not Applicable	Camp MM Camp Pg 13
8 Does the manual include: # The method of performing routine and nonroutine maintenance; and # A system to document the maintenance? NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") AND (OPSPEC = "D072") THEN ACTIVATE QUESTION, Rev. 3 7/17/2014 4:32:14 PM, QID: 00004633, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☐ Yes ☐ No ☐ Not Applicable	Camp MM Camp Pg 13
9 Does the maintenance schedule include procedures that describe: # What item is to be maintained; # How to maintain the item; and # What interval is used to accomplish a scheduled maintenance task? NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") AND (OPSPEC = "D072") THEN ACTIVATE QUESTION, Rev. 2 7/17/2014 4:32:14 PM, QID: 00004636, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☐ Yes ☐ No ☐ Not Applicable	Camp MM Camp Pg 13
10 Do the procedures specify the instructions and information necessary to perform and document airworthiness inspections? NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") AND (OPSPEC = "D072") THEN ACTIVATE QUESTION, Rev. 1 5/14/2014 10:51:14 AM,	☒ Yes ☐ No ☐ Not Applicable	Camp MM

Questions	Answers	References
QID: 00004640, Response Details: EP & ED DCTs (Both OP and AW), Status: Released		
11 Do the procedures specify each individual maintenance task and its associated time limit? NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") AND (OPSPEC = "D072") THEN ACTIVATE QUESTION, Rev. 1 5/14/2014 10:51:14 AM, QID: 00004641, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☒ Yes ☐ No ☐ Not Applicable	Camp MM Camp Pg 13
12 Does the manual include procedures to organize maintenance tasks so that the appropriate level of maintenance is performed at the appropriate time intervals? NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") AND (OPSPEC = "D072") THEN ACTIVATE QUESTION, Rev. 1 5/14/2014 10:51:14 AM, QID: 00004642, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☒ Yes ☐ No ☐ Not Applicable	Camp MM Camp Pg 13
13 Does the manual include procedures for the arrangement of scheduled maintenance tasks that are consistent with the specified time intervals? NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") AND (OPSPEC = "D072") THEN ACTIVATE QUESTION, Rev. 1 5/14/2014 10:51:14 AM, QID: 00004643, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☒ Yes ☐ No ☐ Not Applicable	Camp MM Camp Pg 13
14 Does the manual include requirements for the scheduled maintenance work packages to be comprehensive in scope and detail to ensure that the appropriate airworthiness certificate remains valid and the aircraft remains airworthy? NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") AND (OPSPEC = "D072") THEN ACTIVATE QUESTION, Rev. 1 5/14/2014 10:51:14 AM, QID: 00004644, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☒ Yes ☐ No ☐ Not Applicable	Camp MM Camp Pg 13
15 Do the procedures describe a method for adjusting maintenance intervals to obtain the maintenance programs performance and effectiveness? NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") AND (OPSPEC = "D072") THEN ACTIVATE QUESTION, Rev. 2 6/25/2018 1:06:58 PM, QID: 00004645, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☐ Yes ☐ No ☐ Not Applicable	Camp Pg 13
16 Does the maintenance program specify that whatever combinations of inspection intervals are used (calendar time, cycles, or hours), the inspections are performed by whichever interval occurs first?	☒ Yes ☐ No	Camp MM Camp Pg 13

Questions	Answers	References
NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") AND (OPSPEC = "D072") THEN ACTIVATE QUESTION, Rev. 2 6/25/2018 1:06:58 PM, QID: 00004646, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☐ Not Applicable	
17 Do the procedures include requirements for items identified as "on condition" to be maintained in a continuous airworthy condition by: # Periodic inspections; # Checks; # Service; # Repair; and/or # Preventive maintenance? NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") AND (OPSPEC = "D072") THEN ACTIVATE QUESTION, Rev. 2 7/17/2014 4:32:15 PM, QID: 00004647, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☐ Yes ☐ No ☐ Not Applicable	Camp MM
18 Do the procedures specify standards for: # Inspections; # Checks; # Service; # Repair; and/or # Preventive maintenance, checks, or tests? NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") AND (OPSPEC = "D072") THEN ACTIVATE QUESTION, Rev. 3 7/17/2014 4:32:15 PM, QID: 00004653, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☐ Yes ☐ No ☐ Not Applicable	Camp MM Camp Pg 13
19 Do the procedures include requirements that component parts or subassemblies without specified time intervals for checks, inspections, and/or overhauls must be performed following: # The specified time limitations of the higher component or accessory to which it is related; or # The time period indicated for the ATA chapter heading? NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") AND (OPSPEC = "D072") THEN ACTIVATE QUESTION, Rev. 2 7/17/2014 4:32:16 PM, QID: 00004659, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☐ Yes ☐ No ☐ Not Applicable	Camp MM
20 Does the AAIP contain: # Instructions and procedures for the conduct of aircraft inspections; # A schedule for the performance of the aircraft inspections expressed in terms of time in service, calendar-time, number of system operations or any combination of these; and # Instructions and procedures for recording, correcting, or deferring discrepancies found during inspections? NOTE: Safety Attribute: Procedures, Question Type: Output Validation,	☐ Yes ☐ No ☐ Not Applicable	Camp MM Camp Pg 13

Questions	Answers	References
Scoping Attribute: IF (FAR PART = "135") AND (OPSPEC = "D073") THEN ACTIVATE QUESTION, Rev. 4 12/17/2018 1:51:52 PM, QID: 00004662, Response Details: EP & ED DCTs (Both OP and AW), Status: Released		
21 Do the procedures specify instructions and information necessary to perform and document inspections including: # ICA for systems installed per a major alteration to include air ambulance equipment; # Carry on oxygen; # Requirements specified by service bulletins, service letters, TC data sheet, ADs; and # The required statement to return the aircraft for service? NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") AND ((OPSPEC = "D101") OR (OPSPEC = "D102") OR (OPSPEC = "D104")) THEN ACTIVATE, Rev. 4 1/4/2018 4:25:46 PM, QID: 00004664, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☐ Yes ☐ No ☐ Not Applicable	Camp MM
22 Do the procedures specify that the Operator's inspection program manual is available at specified stations where inspections are conducted? NOTE: Note; Not required to be onboard the aircraft enroute to those stations. Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") THEN ACTIVATE QUESTION, Rev. 2 3/29/2014 7:25:15 AM, QID: 00004669, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☐ Yes ☐ No ☐ Not Applicable	Camp MM
23 Does the AAIIP include inspections of the installed avionics systems? NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") AND (OPSPEC = "D073") THEN ACTIVATE QUESTION, Rev. 3 12/17/2018 1:51:52 PM, QID: 00004670, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☐ Yes ☐ No ☐ Not Applicable	Camp MM
24 Does the certificate holder's annual or 100 Hour inspection include all the items listed in 14 CFR Part 43 Appendix D? NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") AND (MX PROGRAMS = "100HR/ANNUAL") THEN ACTIVATE QUESTION, Rev. 2 1/4/2018 4:25:46 PM, QID: 00004671, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☐ Yes ☐ No ☐ Not Applicable	
27 Do the procedures address additional maintenance requirements for Emergency Equipment? NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") AND (OPSPEC = "D104") THEN ACTIVATE QUESTION, Rev. 4 1/4/2018 4:25:46 PM, QID: 00004676, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☐ Yes ☐ No ☐ Not Applicable	Camp MM

Questions	Answers	References
30 Do the procedures specify personnel contracted to do maintenance for the Operator within the United States are verified by the Operator to be under a drug testing program? NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") AND (LOCATIONS = "MAINTENANCE PERFORMED WITHIN THE UNITED STATES") THEN ACTIVATE QUESTION, Rev. 1 5/14/2014 10:51:14 AM, QID: 00004687, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☐ Yes ☐ No ☐ Not Applicable	Camp Pg 19
31 Does the certificate holder's aircraft records identify the inspection program that was selected? NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135") AND (A/C CONFIGURATION = "91.409(e)") THEN ACTIVATE QUESTION, Rev. 2 12/17/2018 1:51:52 PM, QID: 00004688, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☐ Yes ☐ No ☐ Not Applicable	CALM
58 Do procedures exist in enough detail to meet the regulatory and guidance requirements for this element to produce the intended results? NOTE: Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135" OR "145" OR "141" OR "142" OR "147") AND NOT (SAFETY PROGRAMS = "SMSVP") THEN ACTIVATE, Rev. 2 3/8/2019 12:47:47 PM, QID: 00051940, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	☐ Yes ☐ No ☐ Not Applicable	
62 Do controls exist within this element that ensure risks are reduced to an acceptable level? NOTE: Safety Attribute: Controls, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135" OR "145" OR "141" OR "142" OR "147") AND NOT (SAFETY PROGRAMS = "SMSVP") THEN ACTIVATE, Rev. 2 3/8/2019 12:47:47 PM, QID: 00051941, Response Details: Controls ED/EP/SP DCTs (Both OP and AW), Status: Released	☐ Yes ☐ No	
64 Does the certificate holder have a method to evaluate the impact of changes on related processes (interfaces) for this element? NOTE: Safety Attribute: Interfaces, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135" OR "145" OR "141" OR "142" OR "147") AND NOT (SAFETY PROGRAMS = "SMSVP") THEN ACTIVATE, Rev. 2 3/8/2019 12:47:47 PM, QID: 00051942, Response Details: Interfaces ED/EP/SP DCTs (Both OP and AW), Status: Released	☐ Yes ☐ No	
66 Does the process design require that individuals understand their safety role and how it contributes to the safety performance of this element? NOTE:	☐ Yes ☐ No	

Questions	Answers	References
Safety Attribute: Safety Ownership, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135" OR "145" OR "141" OR "142" OR "147") AND NOT (SAFETY PROGRAMS = "SMSVP") THEN ACTIVATE, Rev. 2 3/8/2019 12:47:48 PM, QID: 00051946, Response Details: Safety Ownership ED/EP/SP DCTs (Both OP and AW), Status: Released		

Response Details List EP & ED DCTs (Both OP and AW) (Released, 1.0)	
1	Unclear procedure(s)
2	Conflicting procedure(s)
3	Used workaround(s)
4	Skipped process step(s)
5	Personnel failed to follow process (procedures, guidance, etc)
6	Procedures/guidance not available
7	Procedures/guidance not current
8	Inconsistent procedure(s)
9	Undocumented procedure(s)
10	Minor typographical error(s) (i.e. record entries)
11	Information missing
12	Communication failure(s)
13	Personnel failed to perform task
14	Process failed to meet desired outcome
15	Process oversight failure
16	Equipment/tools not available
17	Equipment/tools not adequate
18	Equipment/tools not calibrated
19	Facilities not adequate
20	Other
Response Details List N/O Response Detail (Released, 2.0)	
1	Personnel (e.g., key certificate holder personnel not present/available)
2	Equipment (e.g., equipment not present/available/in serviceable condition)
3	Event did not occur (e.g., did not observe an intoxicated passenger on the flight)
4	Time Constraints (e.g., resources/workload)
5	Weather (e.g., weather needed for observation not present or weather made observation impossible)
6	Other
Response Details List N/A Response Detail (Released, 2.0)	
1	Not applicable or authorized for the certificate holder or applicant
2	Other
Response Details List Controls ED/EP/SP DCTs (Both OP and AW) (Released, 1.0)	
1	Failure to identify hazards or ineffective risk controls
2	Failure to develop and maintain risk controls
3	Failure to effectively mitigate risk before applying risk controls
4	Risk controls ineffective
5	Unclear risk controls
6	Failure to assess risk for a new system
7	Failure to assess risk when revising an existing system
8	Failure to assess risk when developing operational procedures
9	Failure to maintain records of outputs of risk control assessments
10	Other
Response Details List Interfaces ED/EP/SP DCTs (Both OP and AW) (Released, 1.0)	
1	Internal communication failure(s)
2	External communication failure(s)
3	Lack of interfaces
4	Inconsistent interfaces
5	Poor coordination between departments and employees

	Failure of interfaces between processes or procedures
7	Other
Response Details List Responsibility ED/EP/SP DCTs (Both OP and AW) (Released, 1.0)	
1	Failed to provide financial resources
2	Failed to provide sufficient human resources
3	Individual not clearly identified
4	Failure to ensure safety of process
5	Failure to oversee operations conducted under the certificate
6	Failed to ensure quality performance of process
7	Process oversight failure
8	Communication failure(s)
9	Other
Response Details List Authority ED/EP/SP DCTs (Both OP and AW) (Released, 1.0)	
1	Process oversight failure
2	Unacceptable safety risk acceptance
3	Ineffective planning of resources
4	Ineffective use of resources
5	Ineffective control of resources
6	Failure to implement safety risk processes
7	Process owner not clearly identified
8	Unqualified
9	Other
Response Details List Process Measurement ED/EP/SP DCTs (Both OP and AW) (Released, 1.0)	
1	Inadequate monitoring of operations processes
2	Ineffective evaluations of processes or systems
3	Undocumented or insufficient investigations
4	Failure to conduct audits
5	Ineffective audits
6	Failure to detect changes in the operational environment
7	Personnel failed to perform/follow process (procedures, guidance, etc.)
8	Process failed to meet desired outcome
9	Process oversight failure
10	Other
Response Details List Safety Ownership ED/EP/SP DCTs (Both OP and AW) (Released, 3.0)	
1	Unaware of or ineffective safety policies or processes
2	Unaware of or ineffective safety related reporting tools
3	Unclear safety policy
4	Ineffective safety related training
5	Lack of safety culture
6	Unclear safety objectives
7	Other