



Maritime Helicopters

MARITIME HELICOPTERS

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NONESSENTIAL EQUIPMENT AND FURNISHING (NEF) PROGRAM

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RECORD OF REVISIONS

| Revision Letter | Revision Date | Insertion Date | Posted by |
|-----------------|---------------|----------------|-----------|
| Original | 07/01/14 | | |
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MARITIME HELICOPTERS INC.
NONESSENTIAL EQUIPMENT AND FURNISHINGS (NEF) PROGRAM

1. NEF PROGRAM

Instruction below outline the Maritime Helicopters NEF program.

2. SYSTEM DEFINITIONS

- a. By definition, NEF items do not affect the safe operation of an aircraft. Due to the wide variance of these items from aircraft to aircraft, a complete list of NEF items is not required to be maintained in the operator's MEL, but in a list or other equivalent method of tracking.
- b. A vertical bar (change bar) in the 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.

3. REPAIR INTERVALS

CATEGORY A: Items in this category shall be repaired within the time interval specified in the remarks column of the operator's approved MEL. For time intervals specified in "flight days" the day the malfunction was recorded in the aircraft maintenance record/logbook is excluded. For all other time intervals (flights, flight legs, cycles, hours, etc), repair tracking begins at the point when the malfunction is deferred in accordance with the operator's approved MEL.

CATEGORY B: Items in this category shall be repaired within three (3) consecutive calendar days (72 hours), excluding the day the malfunction was recorded in the aircraft maintenance record/logbook. For example, if it were recorded at 10 AM on January 26th, the three day interval would begin at midnight the 26th and end at midnight the 29th.

CATEGORY C: Items in this category shall be repaired within ten (10) consecutive calendar days (240 hours), excluding the day the malfunction was recorded in the aircraft maintenance record/logbook. For example, if it were recorded at 10 AM on January 26th, the 10 day interval would begin at midnight the 26th and end at midnight February 5th.

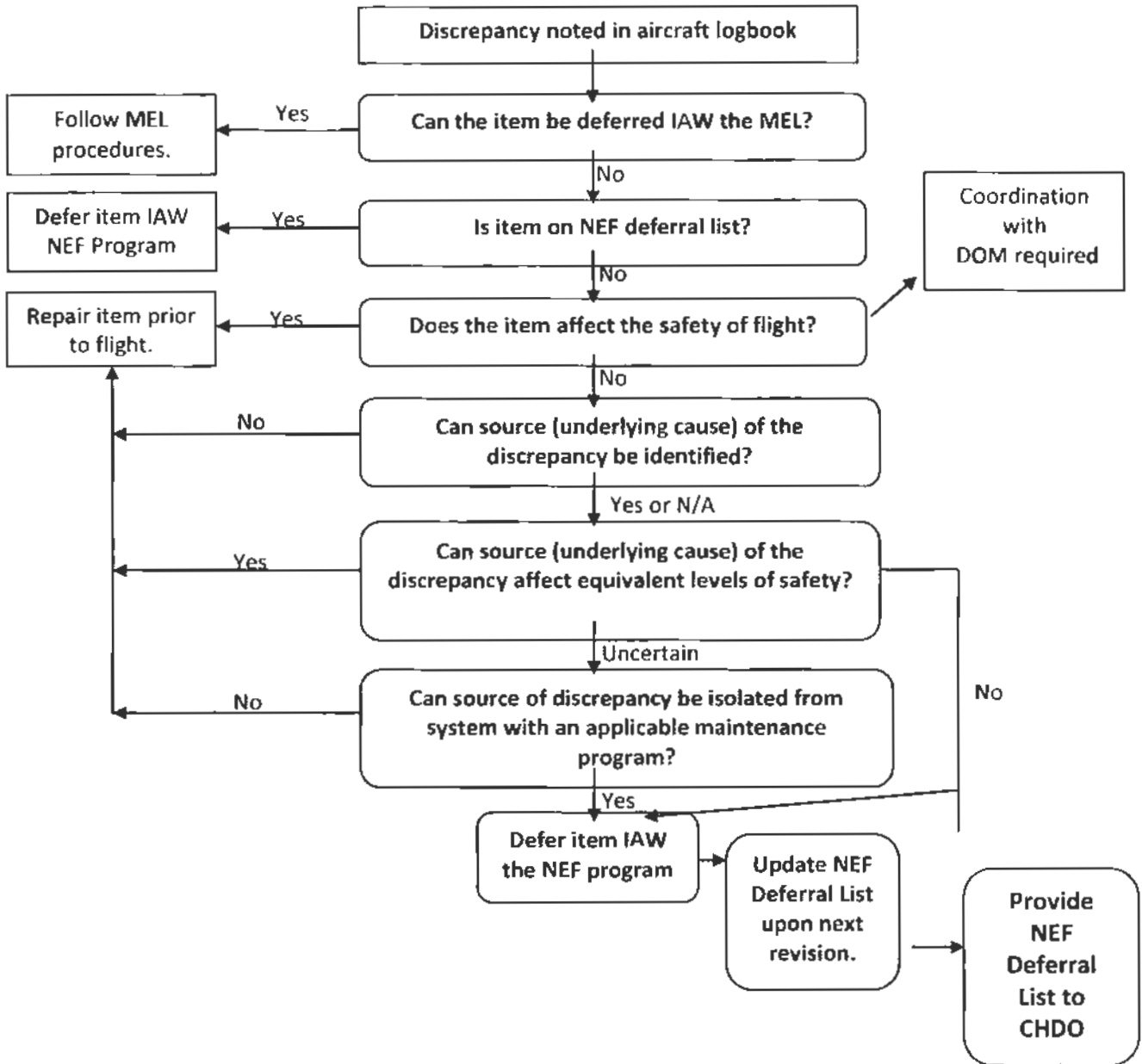
CATEGORY D: Items in this category shall be repaired within one hundred twenty (120) consecutive calendar days (2880 hours), excluding the day the malfunction was recorded in the aircraft maintenance record/logbook. The letter designators are inserted adjacent to Column 2.

4. OTHER ITEMS.

Items that are found routinely identified as "Not on the List" will be evaluated utilizing the following flow chart. The qualified items will then be added to the NEF deferral list during the next revision of this document.

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NEF FLOWCHART PROCESS



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NONESSENTIAL EQUIPMENT AND FURNISHINGS (NEF) PROGRAM

FLIGHT DECK

| 1. SEQUENCE NUMBERS | 2. ITEM | 3. QUANTITY | | 4. REMARKS AND EXCEPTIONS | 5. DEACTIVATION PROCEDURE | 6. PLACARDING | 7. PROCEDURE | 8. OPS LIMITS |
|---------------------------|---|----------------|------|---------------------------------|---------------------------------|------------------|-----------------|--|
| | | INST | REQD | | | | | |
| 1. | Headset/ Helmet Hooks <u>D</u> | 2 | 0 | May be deferred. | NONE | NONE | NONE | NONE |
| 2. | Approach Plate Holder <u>D</u> | 2 | 0 | May be deferred. | NONE | NONE | NONE | NONE |
| 3. | Approach Plate Light <u>D</u> | 2 | 0 | May be deferred. | NONE | NONE | NONE | NONE |
| 4.. | Checklist Holder <u>D</u> | 1 | 0 | May be deferred. | NONE | NONE | NONE | NONE |
| 5. | Crew Door Pull Handle <u>D</u> | 2 | 0 | May be deferred. | NONE | NONE | NONE | NONE |
| 6. | Seat covers and/or cushions <u>D</u> | -- | 0 | May be deferred. | NONE | NONE | NONE | Neither the seat framework, nor crash attenuation properties may be compromised. |
| 7. | Loose or missing weather stripping or door seals <u>D</u> | -- | 0 | May be deferred. | NONE | NONE | NONE | NONE |

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|---------------------------|--|----------------|------|--|---------------------------------|------------------|-----------------|---|
| | | INST | REQD | | | | | |
| 8. | Snap Vents <u>D</u> | -- | 0 | May be deferred. | NONE | NONE | NONE | NONE |
| 9. | Throttle grip covering <u>D</u> | -- | 0 | May be deferred. | NONE | NONE | NONE | NONE |
| 10. | Control Switch Knob <u>D</u> | -- | -- | May be deferred. | NONE | NONE | NONE | Limitations: May not be missing. If broken it must remain securely attached and functional. No part of the knob may be missing which provides a visual indication of its position. |
| 11. | Buttons, Knobs, Switches <u>D</u> | -- | -- | Which are part of a larger assembly, but does not control primary function. | NONE | NONE | NONE | NONE |
| 12. | Interior Trim Panels <u>D</u> | -- | -- | May be deferred. | NONE | NONE | NONE | NONE |

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|---------------------------|--|----------------|------|---------------------------------|---------------------------------|------------------|-----------------|--|
| | | INST | REQD | | | | | |
| 13. | Door Struts <u>D</u> | -- | -- | May be deferred. | NONE | NONE | NONE | NONE |
| 14. | Heating, Ventilation, and defogging gaspers and vents. <u>D</u> | -- | -- | May be deferred. | NONE | NONE | NONE | Airflow must be controlled at some other point. |
| 15. | Heater/ Defroster knobs <u>D</u> | -- | -- | May be deferred. | NONE | NONE | NONE | Heater/Defroster use will not be needed for intended flight. |
| 16. | Map Light <u>D</u> | -- | -- | May be deferred | NONE | NONE | NONE | NONE |
| 17. | Cargo Hook Load Indicator (Load Cell) <u>D</u> | -- | -- | May be deferred | NONE | NONE | NONE | NONE |
| 18. | Window Tension Knob(s) <u>D</u> | -- | -- | May be deferred | NONE | NONE | NONE | NONE |
| 19. | Standby Compass Light <u>D</u> | -- | -- | May be deferred | <u>NONE</u> | NONE | NONE | NONE |

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|---------------------------|---|----------------|------|---------------------------------|---------------------------------|--|-----------------|--|
| | | INST | REQD | | | | | |
| 20. | Cyclic Boot <u>D</u> | -- | -- | May be deferred | NONE | NONE | NONE | NONE |
| 21. | Dual Control Collective Cover <u>D</u> | -- | -- | May be deferred | NONE | NONE | NONE | NONE |
| 22. | Door Mirrors <u>D</u> | -- | -- | May be deferred | NONE | NONE | NONE | NONE |
| 23. | Magnetic Compass Housing <u>D</u> | -- | -- | May be deferred | NONE | None | NONE | NONE |
| 24. | HTAWS <u>D</u> | -- | -- | May be inoperative | NONE | Install Orange dot on HTAWS control head | NONE | NONE |
| 25. | Seatbelt Tags <u>D</u> | -- | -- | May be worn/faded | NONE | NONE | NONE | NONE |
| 26. | Other Items <u>D</u> | -- | -- | Refer to Flowchart. | NONE | NONE | NONE | Complete Flowchart and if its determined that the item is an NEF item, Defer the item IAW the NEF program. |

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NONESSENTIAL EQUIPMENT AND FURNISHINGS (NEF) PROGRAM

CABIN GENERAL

| 1 SEQUENCE NUMBERS | 2 ITEM | 3 QUANTITY | | 4 REMARKS AND EXCEPTIONS | 5 DEACTIVATION PROCEDURE | 6 PLACARDING | 7 PROCEDURE | 8 OPS LIMITS |
|--------------------------|--|---------------|------|--|--------------------------------|-----------------|----------------|---|
| | | INST | REQD | | | | | |
| 1. | Headset/ Helmet Hooks <u>D</u> | -- | -- | May be deferred. | NONE | NONE | NONE | NONE |
| 2. | Passenger Headset Jacks <u>D</u> | -- | -- | May be deferred. | NONE | NONE | NONE | NONE |
| 3. | Cabin Lighting/ Signs (Reading lights, Light Lens/Covers) <u>D</u> | -- | 0 | Only items not covered by MEL ATA 33. | NONE | NONE | NONE | NONE |
| 4. | Door Latch Guard Covers <u>D</u> | -- | 0 | May be deferred, provided they are not an integral part of the actual door latch and do not interfere wit operation of the door latch. | NONE | NONE | NONE | NONE |
| 5. | Floor Liners <u>D</u> | -- | 0 | May be deferred. | NONE | NONE | NONE | NONE |
| 6. | Seat covers and/or cushions <u>D</u> | -- | 0 | May be deferred. | NONE | NONE | NONE | Neither the seat framework, nor crash attenuation properties may be compromised. |

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|--------------------------|--|---------------|------|--------------------------------|--------------------------------|-----------------|----------------|---|
| | | INST | REQD | | | | | |
| 7.. | Loose or missing weather stripping or door seals <u>D</u> | -- | 0 | May be deferred. | NONE | NONE | NONE | NONE |
| 8. | Snap Vents <u>D</u> | -- | 0 | May be deferred. | NONE | NONE | NONE | NONE |
| 9. | Interior Trim Panels <u>D</u> | -- | -- | May be deferred. | NONE | NONE | NONE | NONE |
| 10. | Door Struts <u>D</u> | -- | -- | May be deferred. | NONE | NONE | NONE | NONE |
| 11. | Heating, Ventilation, and defogging gaspers and vents. <u>D</u> | -- | -- | May be deferred. | NONE | NONE | NONE | Airflow must be controlled at some other point. |

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CABIN GENERAL

| 1 SEQUENCE NUMBERS | 2 ITEM | 3 QUANTITY | | 4 REMARKS AND EXCEPTIONS | 5 DEACTIVATION PROCEDURE | 6 PLACARDING | 7 PROCEDURE | 8 OPS LIMITS |
|--------------------------|-------------------------------------|---------------|------|---------------------------------------|--------------------------------|-----------------|----------------|---|
| | | INST | REQD | | | | | |
| 12. | Cabin Door Slider(s) <u>D</u> | -- | -- | Door must still function properly. | NONE | NONE | NONE | NONE |
| 13. | Other Items <u>D</u> | -- | -- | Refer to Flowchart. | NONE | NONE | NONE | Complete Flowchart and if its determined that the item is an NEF item, Defer the item IAW the NEF program. |

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NONESSENTIAL EQUIPMENT AND FURNISHINGS (NEF) PROGRAM

BAGGAGE CARGO COMPARTMENT

| 1 SEQUENCE NUMBERS | 2 ITEM | 3 QUANTITY | | 4 REMARKS AND EXCEPTIONS | 5 DEACTIVATION PROCEDURE | 6 PLACARDING | 7 PROCEDURE | 8 OPS LIMITS |
|--------------------------|--|---------------|------|--------------------------------|--------------------------------|-----------------|----------------|---|
| | | INST | REQD | | | | | |
| 1. | Floor Liners <u>D</u> | -- | 0 | May be deferred. | NONE | NONE | NONE | NONE |
| 2. | Tie Down Bags <u>D</u> | -- | 0 | May be deferred. | NONE | NONE | NONE | NONE |
| 3. | Loose or Missing Weather Stripping or Door Seals <u>D</u> | -- | 0 | May be deferred. | NONE | NONE | NONE | NONE |
| 4. | Interior Trim Panels <u>D</u> | -- | -- | May be deferred. | NONE | NONE | NONE | NONE |
| 5. | Door Retention Straps <u>D</u> | -- | -- | May be deferred. | NONE | NONE | NONE | NONE |
| 7. | Interior Baggage Canvas/Net Covers/ Restraints <u>D</u> | -- | -- | May be deferred. | NONE | NONE | NONE | Cargo must be restrained by alternate means. |
| 8. | Sidewall panel or extender <u>D</u> | -- | -- | May be deferred | NONE | NONE | NONE | NONE |

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|--------------------------|---|---------------|------|---|--|-----------------|----------------|---|
| | | INST | REQD | | | | | |
| 9. | Baggage Compartment damage <u>D</u> | -- | -- | Damage classification must be negligible or repairable. | Damage must be protected from further damage by protecting the area with sealant tape | NONE | NONE | NONE |
| 10. | Baggage Compartment Door damage <u>D</u> | -- | -- | Damage classification must be negligible or repairable. Damage cannot exceed the number of repairs listed in applicable manufactures manuals | Damage must be protected from further damage by protecting the area with seaiant or tape. | NONE | NONE | NONE |
| 11. | Other Items <u>D</u> | -- | -- | Refer to Flowchart. | NONE | NONE | NONE | Complete Flowchart and if its determined that the item is an NEF item, Defer the item IAW the NEF program. |

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AIRCRAFT EXTERIOR

| 1 SEQUENCE NUMBERS | 2 ITEM | 3 QUANTITY | | 4 REMARKS AND EXCEPTIONS | 5 DEACTIVATION PROCEDURE | 6 PLACARDING | 7 PROCEDURE | 8 OPS LIMITS |
|--------------------------|---|---------------|------|--|--------------------------------|-----------------|----------------|---|
| | | INST | REQD | | | | | |
| 1. | Faded or missing paint <u>D</u> | -- | 0 | May be deferred. | NONE | NONE | NONE | NONE |
| 2. | External Cargo Mirror(s) <u>D</u> | -- | 0 | May be deferred, integrity of installation must not be effected or mirror removed. | NONE | NONE | NONE | External Load operations will not be conducted. |
| 3. | Rear view mirror(s) <u>D</u> | -- | 0 | May be deferred. | NONE | NONE | NONE | NONE |
| 4. | Cargo Hook <u>D</u> | -- | 0 | May be deferred. | NONE | NONE | NONE | External Load operations will not be conducted. |
| 5. | Lights <u>D</u> | -- | -- | Only items not covered by MEL ATA 33. | NONE | NONE | NONE | NONE |
| 6. | Tail Rotor Gear Box Dust Boot <u>D</u> | -- | 0 | May be deferred. | NONE | NONE | NONE | NONE |
| 7. | Cowl Door Latch <u>C</u> | -- | 0 | May be deferred. | NONE | NONE | NONE | Only one latch per cowling may be deferred. |

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AIRCRAFT EXTERIOR

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|--------------------------|---|---------------|------|--|--------------------------------|---|----------------|---|
| | | INST | REQD | | | | | |
| 8. | Hydraulic Servo Boot Torn <u>D</u> | -- | 0 | May be deferred. | NONE | NONE | NONE | NONE |
| 9. | Starter/ Generator Exhaust Duct Seal <u>D</u> | -- | 0 | May be deferred | NONE | NONE | NONE | NONE |
| 10. | Static Port Heaters (Bell 407 Only) <u>C</u> | 2 | 0 | May be inoperative provided: 1. Pitot heat is not required to be on IAW the RFM. | Turn Pilot Heat Off. | Install orange dot on pitot heater switch | NONE | No flights in visible moisture when temperature is below +4 degrees Celsius. |
| 11. | Tanis Heater <u>D</u> | 1 | 0 | May be deferred. | NONE | NONE | NONE | NONE |
| 12. | Starter/ Generator drain line <u>D</u> | 1 | -- | May be damaged | NONE | NONE | NONE | NONE |

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| 1 SEQUENCE NUMBERS | 2 ITEM | 3 QUANTITY | | 4 REMARKS AND EXCEPTIONS | 5 DEACTIVATION PROCEDURE | 6 PLACARDING | 7 PROCEDURE | 8 OPS LIMITS |
|--------------------------|---|---------------|------|--------------------------------|--------------------------------|-----------------|----------------|---|
| | | INST | REQD | | | | | |
| 13. | Main Rotor Blade Bolt Cap <u>D</u> | -- | -- | May be damaged | NONE | NONE | NONE | NONE |
| 14. | Electrical Fuel Sump Drain Rubber Cover <u>D</u> | -- | -- | May be damaged or missing | NONE | NONE | NONE | NONE |
| 15. | Other Items <u>D</u> | -- | -- | Refer to Flowchart. | NONE | NONE | NONE | Complete Flowchart and if its determined that the item is an NEF item, Defer the item IAW the NEF program. |