
CHAPTER - 05 HIGHLIGHTS
(Summary of Changes)*Revision No. TR05-17 Apr 30/18*

TO: HOLDERS OF THE AIRCRAFT MAINTENANCE MANUAL (06-117751)

Pages that have been added or revised are summarized below. Remove and insert the affected pages as listed, and enter the above revision number with issue date into the Record of Revisions sheet.

This Temporary Revision incorporates and supersedes previously released temporary revisions for the chapters listed below.

Do not remove this page. Keep it in place as a record of previous changes.

| CH/SE/SU Page Block No. | Description of Change |
|------------------------------------|---|
| 05-10-10 PgBlk 1 | Revised Table 1, Passenger Oxygen Mask overhaul interval. |

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TIME LIMITED MAINTENANCE REQUIREMENTS

AMM-05-10-10-081-801

1. General

SUBTASK AMM-05-10-10-081-211-001

A. Time limited maintenance requirements

NOTE: Also see Airworthiness Limitations. Refer to [AMM-04-00-00-081-801 – Airworthiness Limitations](#).

B. Inspection Grace Periods

The specific aircraft systems/items included in [Table 1](#) are intended to be inspected at the inspection intervals listed. In order to provide scheduling flexibility, the inspection intervals may be exceeded by the applicable grace periods as provided in [Table 1](#). The inspection intervals plus applicable grace periods must not be exceeded without approval of the operator's regulatory authority.

Table 1. Time Limited Maintenance Requirements

| System/Item | Task | Interval |
|--|---|--|
| Chapter 21 – Air Conditioning | | |
| <ul style="list-style-type: none"> Secondary Outflow valve filter | <ul style="list-style-type: none"> Discard | <ul style="list-style-type: none"> 1200 hours – Grace Period: <i>50 hours</i> |
| <ul style="list-style-type: none"> VCS-GDCA Compressor Pallet Assembly P/N: 2188131 | <ul style="list-style-type: none"> Change gear box oil | <ul style="list-style-type: none"> At first 300 hours – Grace Period: <i>30 hours</i> <p><u>NOTE:</u> This task is required only once after the first 300 hours of operation. Refer to AMM-21-00-00-061-B-801 – Air Conditioning - Servicing.</p> |

EFFECTIVITY: ALL

05-10-10

| System/Item | Task | Interval |
|--|--|---|
| Chapter 22 — Autoflight | | |
| <ul style="list-style-type: none"> Pitch Servo Clutch | <ul style="list-style-type: none"> Check/Adjust the Pitch Servo Clutch torque . Refer to AMM-22-10-11-071-801 – Pitch Servo Clutch - Adjustment/Test. | <ul style="list-style-type: none"> 1200 hours – Grace Period: <i>50 hours</i> |
| Chapter 25 — Equipment and Furnishings | | |
| <ul style="list-style-type: none"> Artex ME406 ELT | <ul style="list-style-type: none"> Self test. Refer to AMM-25-60-00-071-801 – Emergency Equipment - Adjustment/Test. Inspect per FAR 91.207 Replace battery | <ul style="list-style-type: none"> 12 calendar months – Grace Period: <i>None</i> 12 calendar months – Grace Period: <i>None</i> Replace in accordance with manufacturer's service life. |
| <ul style="list-style-type: none"> Portable cockpit/cabin fire extinguisher H3R model RT A600 | <ul style="list-style-type: none"> Inspect extinguisher. Refer to AMM-25-60-00-021-801 – Emergency Equipment - Inspection/Check. Weigh extinguisher. Refer to AMM-25-60-00-021-801 – Emergency Equipment - Inspection/Check. Remove extinguisher from service. Refer to AMM-25-61-10-001-801 – Fire Extinguisher - Removal. | <ul style="list-style-type: none"> 12 months – Grace Period: <i>None</i> 12 months – Grace Period: <i>None</i> 12 years – Grace Period: <i>None</i> |

| System/Item | Task | Interval |
|---|--|---|
| Chapter 27 — Flight Controls | | |
| <ul style="list-style-type: none"> Flight Control Cables | <ul style="list-style-type: none"> Tension check | <ul style="list-style-type: none"> At first 100 hours, 300 hours thereafter <ul style="list-style-type: none"> – Grace Period: <i>10 hours, 30 hours thereafter</i> <p>NOTE: This task has been included in the 300 hour/24 month inspection. Refer to AMM-05-20-10-081-801 – 300 Hour/24 Month Inspection.</p> |
| Chapter 28 — Fuel | | |
| <ul style="list-style-type: none"> Fuel Tanks | <ul style="list-style-type: none"> Detailed Visual Inspection <p>Refer to AMM-28-10-00-021-801 – Storage - Inspection/Check.</p> | <ul style="list-style-type: none"> 48 months <ul style="list-style-type: none"> – Grace Period: <i>3 months</i> |
| Chapter 30 — Ice and Rain Protection | | |
| <ul style="list-style-type: none"> Icephobic Coating | <ul style="list-style-type: none"> Inspect. Refer to AMM-30-30-01-071-801 – Icephobic Coating - Adjustment/Test. | <ul style="list-style-type: none"> 200 hours or 12 months <ul style="list-style-type: none"> – Grace Period: <i>20 hours or 15 days as applicable</i> <p>(whichever occurs first)</p> |
| Chapter 31 — Indicating and Recording Systems | | |
| <ul style="list-style-type: none"> Data Storage Unit | <ul style="list-style-type: none"> Do the download of DSU data. Refer to AMM-31-30-00-071-801 – Aircraft Recorders - Adjustment/Test. | <ul style="list-style-type: none"> At each scheduled maintenance check <ul style="list-style-type: none"> – Grace Period: <i>None</i> <p>NOTE: It is recommended that this task is accomplished at each unscheduled maintenance visit when the equipment is available and time permits.</p> |

| System/Item | Task | Interval |
|---|---|--|
| Chapter 32 – Landing Gear | | |
| <ul style="list-style-type: none"> Wheel Speed Transducer (WST) PN D202106 | <ul style="list-style-type: none"> Return to EAI or FAA Approved Facility for inspection and functional test. | <ul style="list-style-type: none"> 1500 flight cycles – Grace Period: <i>50 flight cycles</i> |
| <ul style="list-style-type: none"> Main Wheel PN 40-440 | <ul style="list-style-type: none"> Inspect. Refer to AMM-32-42-00-021-801 – Wheel and Tire - Inspection/Check. | <ul style="list-style-type: none"> Tire change – Grace Period: <i>None</i> |
| <ul style="list-style-type: none"> Main Wheel PN 40-440 – Wheels with 0 to 4999 Landings | <ul style="list-style-type: none"> Inspect. Refer to AMM-32-42-00-021-801 – Wheel and Tire - Inspection/Check, SUBTASK -004. | <ul style="list-style-type: none"> Every second Tire change – Grace Period: <i>None</i> |
| <ul style="list-style-type: none"> Main Wheel PN 40-440 – Wheels with 5000 or more Landings | <ul style="list-style-type: none"> Inspect. Refer to AMM-32-42-00-021-801 – Wheel and Tire - Inspection/Check, SUBTASK -005. | <ul style="list-style-type: none"> Every Tire change – Grace Period: <i>None</i> |
| <ul style="list-style-type: none"> Main Landing Gear Strut Fluid | <ul style="list-style-type: none"> Drain and replenish. Refer to AMM-12-10-06-061-801 – Landing Gear - Servicing. | <ul style="list-style-type: none"> 3000 hours or 3 years – Grace Period: <i>75 hours or 3 months as applicable</i> (whichever occurs first) |
| <ul style="list-style-type: none"> Nose Wheel PN 40-432 | <ul style="list-style-type: none"> Inspect. Refer to AMM-32-42-00-021-801 – Wheel and Tire - Inspection/Check, SUBTASK AMM-32-42-00-021-211-003. | <ul style="list-style-type: none"> Tire change – Grace Period: <i>None</i> |
| <ul style="list-style-type: none"> Nose Wheel PN 40-432 – Wheels with 0 to 4999 Landings | <ul style="list-style-type: none"> Inspect. Refer to AMM-32-42-00-021-801 – Wheel and Tire - Inspection/Check, SUBTASK -004. | <ul style="list-style-type: none"> Every second Tire change – Grace Period: <i>None</i> |
| <ul style="list-style-type: none"> Nose Wheel PN 40-432 Wheels with 5000 or more Landings | <ul style="list-style-type: none"> Inspect. Refer to AMM-32-42-00-021-801 – Wheel and Tire - Inspection/Check, SUBTASK -005. | <ul style="list-style-type: none"> Every Tire change – Grace Period: <i>None</i> |

EFFECTIVITY: ALL

05-10-10

| System/Item | Task | Interval |
|---|---|---|
| <ul style="list-style-type: none"> Nose Landing Gear Strut Fluid | <ul style="list-style-type: none"> Drain and replenish. | <ul style="list-style-type: none"> 3000 hours or 3 years – Grace Period: <i>75 hours or 3 months as applicable.</i> (whichever occurs first) |
| Chapter 33 – Lights | | |
| <ul style="list-style-type: none"> Wingtip NAV/ACL Light Assembly, Left and Right PN 84001-() | <ul style="list-style-type: none"> Inspect. Refer to AMM-33-00-00-071-801 – Lights - Adjustment/ Test. | <ul style="list-style-type: none"> At first 8000 hours, then 600 hours thereafter – Grace Period: <i>100 hours, then 30 hours thereafter.</i> |
| <ul style="list-style-type: none"> Tail ACL Light Assembly PN 84002-() | <ul style="list-style-type: none"> Inspect. Refer to AMM-33-00-00-071-801 – Lights - Adjustment/ Test. | <ul style="list-style-type: none"> At first 8000 hours, then 600 hours thereafter – Grace Period: <i>100 hours, then 30 hours thereafter.</i> |
| <ul style="list-style-type: none"> Tail Position Light Assembly PN 84004-() | <ul style="list-style-type: none"> Inspect. Refer to AMM-33-00-00-071-801 – Lights - Adjustment/ Test. | <ul style="list-style-type: none"> At first 8000 hours, then 600 hours thereafter – Grace Period: <i>100 hours, then 30 hours thereafter.</i> |
| Chapter 34 – Navigation | | |
| <ul style="list-style-type: none"> Altimeter system and altitude reporting equipment | <ul style="list-style-type: none"> Test and inspection (FAR 91.411) | <ul style="list-style-type: none"> 24 calendar months – Grace Period: <i>None</i> |
| <ul style="list-style-type: none"> ATC Transponder | <ul style="list-style-type: none"> Test and inspection (FAR 91.413) | <ul style="list-style-type: none"> 24 calendar months – Grace Period: <i>None</i> |
| Chapter 35 – Oxygen | | |
| <ul style="list-style-type: none"> Crew Oxygen Mask PN 174252–N1 | <ul style="list-style-type: none"> Return to EAI or FAA Approved Facility for overhaul. | <ul style="list-style-type: none"> 6 years from DOM/ Overhaul – Grace Period: <i>None</i> |
| <ul style="list-style-type: none"> Passenger Oxygen Mask PN 174095-() | <ul style="list-style-type: none"> Return to EAI or FAA Approved Facility for overhaul. | <ul style="list-style-type: none"> 8 years from the cure date of the elastomeric components. – Grace Period: <i>None</i> |

| System/Item | Task | Interval |
|--|---|--|
| Chapter 53 – Fuselage | | |
| <ul style="list-style-type: none"> Forward Fuselage Skin (RVSM Critical Area) | <ul style="list-style-type: none"> Inspect. Refer to AMM-53-10-10-021-801 – Forward Fuselage - Inspection/Check. | <ul style="list-style-type: none"> 24 calendar months – Grace Period: <i>None</i> |
| Chapter 56 – Windows | | |
| <ul style="list-style-type: none"> Left Windshield Static Coating | <ul style="list-style-type: none"> Test. Refer to AMM-56-10-10-071-801 – Windshield Static Coating - Adjustment/ Test. | <ul style="list-style-type: none"> 50 hours |
| <ul style="list-style-type: none"> Right Windshield Static Coating | <ul style="list-style-type: none"> Test. Refer to AMM-56-10-10-071-801 – Windshield Static Coating - Adjustment/ Test. | <ul style="list-style-type: none"> 50 hours |