

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 or 48 months, whichever occurs first – Grace Period: <i>50 hours</i> <p><u>NOTE:</u> This task has been included in the 1200 hour/48 month inspection. Refer to AMM-05-20-20-081-801 – 1200 Hour/48 Month Inspection.</p>
<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

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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

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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"> 6 years from DOM/ Overhaul – 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