

## ANNUAL /100 HOUR INSPECTION CHECKLIST

### 1. General

- A. This section contains the inspection information for the Annual / 100 hour inspections for Aircraft operating under CFR 14 Part 91 (a) and (b).

#### TASK 05-20-00-280

### 2. Aircraft Records Check

- A. General  
(1) This task gives the procedures to do a special inspection of the aircraft records for the airplane.
- B. Special Tools  
(1) None
- C. Access  
(1) None
- D. Do An Aircraft Records Check Special Inspection.  
(1) Inspect aircraft records to verify compliance status of all applicable Cessna Service Letters, Cessna Service Bulletins and Supplier Service Bulletins are complied with.  
(2) Inspect aircraft records to make sure that all applicable Airworthiness Directives and Federal Aviation regulations are complied with.  
(3) Inspect aircraft records to make sure that all logbook entries required by the Federal Aviation Regulations are complied with.
- E. Restore Access  
(1) None

#### END OF TASK

#### TASK 05-20-00-750

### 3. Annual / 100 Hour Inspection Checklist

- NOTE:** U.S. registered airplanes operating under CFR 14 Part 91 that have not obtained approval for the task-based maintenance program or that have not obtained an exemption from CFR 14 Part 91.409(a) and (b) must be inspected as required by 91.409(a) and (b).
- NOTE:** The following Recommended Annual / 100 Hour Inspection Checklist is comprised of individual MM Tasks and other references recommended by Textron Aviation for inclusion in an Annual / 100 Hour Inspection; however, the person performing the Annual / 100 Hour Inspection must make sure that the inspection performed conforms to the requirements of CFR 14 Part 43 Appendix D.
- NOTE:** There are some tasks in the following checklist that are due at intervals other than 100 Hours / 12 Months, such as 24 Months, 48 Months, or 800 Hours / 12 Months. The task is due at the specified interval, however, it may not be required at each 100 Hour / 12 Month inspection.
- NOTE:** If the aircraft records do not show a task has been completed at the specified interval, the task must be completed and the logbook should state the next due interval (hours or months).

**Table 1. Annual / 100 Hour Inspection Checklist**

MM Task, Chapter or Other Reference	Inspection Title	Interval	Effectivity	Inspector
<b>NOTE:</b> Letters in Parenthesis Correspond to 14 CFR Part 43, Appendix D Scope and Detail				
5-20-00-280	Aircraft Records Check	100 Hours / 12 Months	208/208B	
<b>(A) OPEN &amp; CLEAN AIRCRAFT &amp; ENGINE</b>				
N/A	Open and clean the airplane in preparation for the Annual or 100 Hour Inspection	100 Hours / 12 Months	208/208B	

<b>(B) FUSELAGE</b>				
53-10-00-210	External Fuselage Zonal Inspection	100 Hours / 12 Months	208/208B	
53-10-00-213	Internal Tail Cone Zonal Inspection	100 Hours / 12 Months	208/208B	
<b>(C) CABIN &amp; COCKPIT</b>				
25-10-00-220	Crew Seats Detailed Inspection	100 Hours / 12 Months	208/208B	
27-10-00-721	Aileron System Functional Check	100 Hours / 12 Months	208/208B	
27-20-00-720	Rudder System Functional Check	100 Hours / 12 Months	208/208B (With Standard Rudder Installation)	
27-20-00-721	Rudder System Functional Check	100 Hours / 12 Months	208/208B (With Float Kit Installation)	
27-30-00-720	Elevator System Functional Check	100 Hours / 12 Months	208/208B	
27-50-00-220	Flap Actuator Mount Bracket Detailed Inspection	100 Hours / 12 Months	208/208B	
27-50-00-221	Flap Bell Crank Detailed Inspection	100 Hours / 12 Months	208/208B	
27-50-00-720	Flap System Functional Check	100 Hours / 12 Months	208/208B	
53-10-00-211	Internal Cockpit Zonal Inspection	100 Hours / 12 Months	208/208B	
53-10-00-212	Internal Cabin Zonal Inspection	100 Hours / 12 Months	208/208B	
56-00-01-220	Windshield and Attachment Structure Detailed Inspection (SID-56-30-01)	100 Hours / 12 Months	208/208B	
76-10-00-720	Engine Controls Functional Check	100 Hours / 12 Months	208/208B	
<b>(D) ENGINE &amp; NACELLE</b>				
24-32-00-720	Gill Flooded Lead Acid Battery Functional Check (Capacity Check)	100 Hours / 12 Months	208/208B (With Gill Battery Installed)	
24-33-00-720	Concord Sealed Lead Acid Battery Functional Check (Capacity Check)	100 Hours / 12 Months	208/208B (With Concord Battery Installed)	
24-34-00-720	Marathon Ni-Cad Battery Functional Check (Capacity Check)	200 Hours / 12 Months	208/208B (With Marathon Battery Installed)	
24-34-00-721	Saft Ni-Cad Main Battery (Capacity Check) Functional Check (If Installed)	200 Hours / 12 Months	208/208B (With Saft Battery Installed)	
71-00-01-210	Engine Compartment Zonal Inspection	100 Hours / 12 Months	208/208B	
71-20-00-220	Engine Mounts and Firewall Detailed Inspection	100 Hours / 12 Months	208/208B	
N/A	Engine Controls Functional Check - (Covered by Task 76-10-00-720)	100 Hours / 12 Months	208/208B	

P&W EMM Table 2	Accomplish P&WC Tasks at Specified Intervals	Per P&W EMM	208/208B	
<b>(E) LANDING GEAR</b>				
32-10-00-220	Main Landing Gear Detailed Inspection	100 Hours / 12 Months	208/208B	
32-20-00-220	Nose Landing Gear Detailed Inspection	100 Hours / 12 Months	208/208B	
32-40-00-220	Brakes Detailed Inspection	100 Hours / 12 Months	208/208B	
32-40-00-222	Main Landing Gear Wheels and Tires Detailed Inspection	100 Hours / 12 Months	208/208B	
32-40-00-224	Nose Landing Gear Wheel and Tire Detailed Inspection	100 Hours / 12 Months	208/208B	
N/A	External Cabin Zonal - (Partially Covered by Task 53-10-00-210 Above)	100 Hours / 12 Months	208/208B	
<b>(F) WING &amp; CENTER SECTION</b>				
57-10-00-210	Wing Zonal Inspection	48 Months	208/208B	
<b>(G) EMPENNAGE</b>				
53-10-00-214	Empennage and Horizontal Stabilizer Zonal Inspection	100 Hours / 12 Months	208/208B	
53-10-00-226	Horizontal and Vertical Stabilizer Attach Bolts Detailed Inspection and Lubrication	72 Months	208/208B	
<b>(H) PROPELLER</b>				
61-10-00-720	Hartzell Composite Propeller Functional Check	100 Hours / 12 Months	208/208B (With Hartzell Composite Propeller Installed)	
61-10-00-721	Hartzell Aluminum Propeller Functional Check	100 Hours / 12 Months	208/208B (With Hartzell Aluminum Propeller Installed)	
61-11-00-720	McCauley Propeller Functional Check	100 Hours / 12 Months	208/208B (With McCauley Propeller Installed)	
<b>(I) RADIO GROUP</b>				
N/A	Internal Cabin Zonal Inspection (Covered by Task 53-10-00-212 Above)	100 Hours / 12 Months	208/208B	
N/A	External Fuselage Zonal Inspection (Covered by Task 53-10-00-210 Above)	100 Hours / 12 Months	208/208B	
<b>(J) MISCELLANEOUS</b>				
<b>Lubrication &amp; Servicing</b>				
12-10-01-610	Hydraulic Brake System Servicing	200 Hours / 12 Months	208/208B	
12-10-01-611	Shimmy Damper Servicing	200 Hours / 12 Months	208/208B (Cessna Shimmy Damper Only)	
12-21-02-640	Elevator Bell Crank Lubrication	800 Hours / 12 Months	208/208B	
12-21-03-640	Landing Gear Lubrication	200 Hours / 12 Months	208/208B	

12-21-03-641	Nose Landing Gear Drag Link Support Servicing (Airplanes Incorporating CAB-32-02 Operating in <b>Typical Environment</b> Only)	200 Hours / 24 Months	208/208B (Incorporating CAB-32-02 Operating in <b>Typical Environment</b> )	
	Nose Landing Gear Drag Link Support Servicing (Airplanes Incorporating CAB-32-02 Operating in <b>Severe Environment</b> Only)	100 Hours / 12 Months	208/208B (Incorporating CAB-32-02 Operating in <b>Severe Environment</b> )	
12-21-04-640	Hartzell Propeller Lubrication	200 Hours / 12 Months	208/208B (With Hartzell Propeller Installed)	
12-21-07-640	Key Lock Lubrication	12 Months	208/208B	
22-12-00-640	Autopilot Servos Lubrication	800 Hours / 24 Months	208/208B	
27-00-00-640	Flight Controls Lubrication	200 Hours / 12 Months	208/208B	
27-10-02-640	Aileron Trim System Lubrication	400 Hours / 12 Months	208/208B	
27-10-02-641	Aileron Trim Tab Actuator Lubrication (P/N 2660044-1)	800 Hours / 24 Months	208/208B (With 2660044-1 Actuators)	
27-10-02-642	Aileron Trim Tab Actuator Lubrication (P/N 2661615-1, 2661615-9, 2661615-10)	1600 Hours / 60 Months	208/208B (With 2661615-1, 2661615-9 or 2661615-10 Actuators)	
27-20-00-640	Rudder Bar Bearings and Rudder Pedals Lubrication	1600 Hours / 24 Months	208/208B	
27-30-02-640	Elevator Trim Tab Actuator Lubrication (P/N 2660017-1)	800 Hours / 24 Months	208/208B (With 2660017-1 Actuator)	
27-30-02-641	Elevator Trim Tab Actuator Lubrication (P/N 2661215-1 and 2661215-9)	1600 Hours / 60 Months	208/208B (With 2661215-1 and 2661215-9 Actuators)	
27-50-00-640	Flap Tracks and Rollers Lubrication	200 Hours / 12 Months	208/208B	
28-23-00-640	Wing Shutoff Valve Linkage Lubrication	400 Hours / 12 Months	208/208B	
28-21-00-610	Firewall-Mounted Fuel Filter Servicing	400 Hours / 12 Months	208/208B	
<b>4-00-00 AIRWORTHINESS LIMITATIONS</b>				
4-10-00	<b>Typical</b> Inspection Time Limits	At Specified Intervals	208/208B (Airplanes Operating in a Typical Environment)	
4-10-01	<b>Severe</b> Inspection Time Limits	At Specified Intervals	208/208B (Airplanes Operating in a Severe Environment)	
4-11-00	Replacement Time Limits	At Specified Intervals	208/208B	
<b>5-11-00 COMPONENT TIME LIMITS</b>				
5-11-00	Component Time Limits <b>NOTE:</b> <b>Tasks Underlined in 5-11-00 are Duplicated in Chapter 4</b>	At Specified Intervals	208/208B	

<b>5-13-00 SUPPLEMENTAL INSPECTION DOCUMENTS</b>				
5-14-00	Supplemental Inspection Documents	At Specified Intervals	208/208B	
<b>SUPPLEMENTAL TYPE CERTIFICATE INSPECTION REQUIREMENTS</b>				
Refer to Supplemental Type Certificate Holder's Instructions for Continued Airworthiness	Complete all inspections for Supplemental Type Certificates that have instructions for continued airworthiness	At Specified Intervals	208/208B	
<b>GENERAL CORROSION PREVENTION AND CONTROL</b>				
Refer to AC43.13-1B, Chapter 6	Complete inspections referenced in the airplane's Corrosion Prevention and Control Program (CPCP)	As Needed to Control Corrosion	208/208B	
<b>REGULATORY REQUIREMENTS</b>				
25-60-00-720	ARTEX C406-2 Emergency Locator Transmitter (ELT) Functional Check	12 Months (Required by 14 CFR 91.207)	208/208B (If Installed)	
25-60-00-721	ARTEX ME406/ELT1000 Emergency Locator Transmitter (ELT) Functional Check	12 Months (Required by 14 CFR 91.207)	208/208B (If Installed)	
25-60-00-722	ARTEX C406-N Emergency Locator Transmitter (ELT) Functional Check	12 Months (Required by 14 CFR 91.207)	208/208B (If Installed)	
25-60-00-723	Dorne and Margolin, Pointer 3000-1 and Pointer 3000-11 Emergency Locator Transmitter (ELT) Functional Check	12 Months (Required by 14 CFR 91.207)	208/208B (If Installed)	
26-20-00-720	Portable Fire Extinguisher Functional Check (Weight Check)	12 Months (Required by NFPA 10 Manual)	208/208B	
26-20-00-780	Portable Fire Extinguisher Restoration (Hydrostatic Test)	144 Months (Required by NFPA 10 Manual)	208/208B	
26-20-00-290	Portable Fire Extinguisher Restoration (Internal Inspection)	72 Months (Required by NFPA 10 Manual)	208/208B	
34-11-00-720	Pitot/Static System Functional Check	24 Months (Required by 14 CFR 91.411)	208/208B	

34-50-00-720	Transponder Functional Check	24 Months (Required by 14 CFR 91.413)	208/208B	
***END***				

END OF TASK