

Section 1: Airframe Log

DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL	
	HRS	MIN	HOURS	MIN			
CARRIED FORWARD							
							<p>Date: 8/28/2018 Aircraft: N1655V, Type: CESSNA 172M, S/N: 17263704, Yach: 59270; Total Time: 3820:30</p> <p>Completed Annual Inspection Check List. No ELT is installed in this aircraft in accordance with FAR 91.207(f)(6) which excludes aircraft while engaged in flight operations incident to the aerial application of chemicals and other substances for agricultural purposes. Installed a new vacuum regulator filter, P/N A8B3-1. Removed a new P/N G-25 battery, S/N G03044096, changed the battery with reference to Oil Manual titled "Instructions, Charging and Continued Airworthiness for Valve Regulated Lead Acid Aircraft Batteries", DWG. No. 1546 Rev. M, dated 11-03-2011. Cleaned the inside of the battery box removing loosened paint and corrosion. Treated the battery box with BATTERY CARE P/N 7279-20-AT to neutralize all battery acid on the inside of the box. After the box dried, painted the inside of the box with primer and acid proof paint. After the paint dried the box was then tested for leakage using fresh water. The box does not leak and the box drain functions properly. Replaced worn carburetor heat cable assembly with a new cable and rigged for full travel of carburetor heat cable. Lubed and exercised the mixture cable with Mousse Milk until free. Removed torn "Seat Locking" placard from the instrument panel and affixed a new placard, P/N 0705097-1, in same location. Installed a placard using the "3-Touch" labeling system to mark the fuel selector indicating 38 gallons of fuel usable in the both position. Replaced 2 missing #4 PK screws in the bottom of the auto pilot plate on the instrument panel just above the glove box. Replaced all six 1/2" pieces of rubber hose for the fuel tank vent lines. Removed both main gear leg fairings from aircraft and ground all of the paint off of corroded areas on the bottom skin. Cleaned the corrosion on the underside of the fairing skins. Prepared the bare metal primed with zinc phosphate, painted white and installed fairings on aircraft. Replaced the center hinge assembly and hinge pins for outer hinges on left aileron. Replaced all three hinges, P/N MC0523816-1, on the right aileron. Replaced the check valve in the right fuel cap. Replaced both rear rudder cables, P/N MC0610106-207, that attach to the rudder horn. Rigged the rudder control system nose gear steering controls and safeted the turn buckle barrels using 0.041 safety wire. This work performed with reference to Cessna published service information. Completed inspection of the seat rails, bushings, washers, locking pins and seat lock springs with reference to: A-D 2011-10-09, Effective Date 5/17/2011, (g)(1 thru 10) and using McFarlane measuring tool SR1 designed for easy measurement of seat track holes as required by this A-D. Found all items specified in this A-D to be in airworthy condition. This A-D is recurring and this inspection must be repeated each 12 months or each 100 hours of operation which ever comes first. Replaced all front seat stops. Inspected the ignition switch referencing the operational inspection called out in A-D 76-07-12 R1, Effective Date 06/05/1977. Found the switch is airworthy at this time.</p> <p>The work performed during this Annual inspection was performed with reference to Cessna, Lycoming and McCauley published service information including but not limited to: Cessna Service Manual P/N D972, dated 04/01/2012, Textron Lycoming Direct Drive Overhaul Manual #00294-7-14, dated July 2011, Lycoming Parts Catalog PC-203-6, dated October 2011, McCauley Fixed Pitch Service Manual P/N 730720, dated 12/2002 and other technical data referenced in this work order.</p> <p>This aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in AIRWORTHY condition. Pertinent details of this inspection are on file at this agency under work order number 9833. This Annual was completed on August 28, 2018.</p> <p>Roger E. Smith [Redacted] Carter Aircraft, Inc. FAA Repair Station, Sebring FL</p>
							<p>Date: 2/11/2020 Aircraft: N1655V, Type: CESSNA 172M, S/N: 17263704, Yach: 59270; Total Time: 3824:30</p> <p>Completed Annual Inspection Check List. Applied silicone to the lower cowl fastener receptacles to replace missing rubber chafe guards. Cleaned the areas where the baffle seal was chafing the top cowl skin and applied 2 layers of aluminum tape to provide chafe protection from the seals. Supported primer lines behind the engine using a stand off made from a Ty-Rap. Removed a wasp nest from the left flap by the inboard flap track. Repaired worn rivnut hole in the pilots window frame by riveting a small scab patch to the frame using blind rivets. Installed a new rivnut in the scab patch and secured the window flap to rivnut with a machine screw. Glued the elevator trim NOSE UP / DOWN decal to the plastic console cover adjacent to trim indicator window. Cleaned the corrosion from both the left and right flaps, both front wing root fairings, top of horizontal stabilizer, elevator and top of the vertical fin. Applied acid etch, alodine and zinc primer to bare metal. Top coated the repaired areas using custom match white PPG Dafflet polyurethane enamel paint. Completed inspection of the seat rails, bushings, washers, locking pins and seat lock springs with reference to: A-D 2011-10-09, Effective Date 5/17/2011, (g)(1 thru 10) and using McFarlane measuring tool SR1 designed for easy measurement of seat track holes as required by this A-D. Found all items specified in this A-D to be in airworthy condition. This A-D is recurring and this inspection must be repeated each 12 months or each 100 hours of operation which ever comes first. Checked the air seat stop on the pilots seat and it functions properly.</p> <p>The work performed during this Annual inspection was performed with reference to current Cessna, Lycoming and McCauley published service information including but not limited to the following manuals: Cessna Service Manual P/N D972, Cessna Parts catalog P/N P529, Textron Lycoming Direct Drive Overhaul Manual #00294-7-14, and Lycoming Parts Catalog PC-203-6, McCauley Fixed Pitch Service Manual P/N 730720 and other technical data referenced in this work order.</p> <p>This aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in AIRWORTHY condition. Pertinent details of this inspection are on file at this agency under work order number 0027. This Annual was completed on 2/11/2020.</p> <p>Roger E. Smith [Redacted] Carter Aircraft, Inc. FAA Repair Station, Sebring FL</p>
							<p>No ELT is installed in this aircraft in accordance with FAR 91.207(f)(6) which pertains to aerial application of chemicals and other substances for agricultural purposes.</p> <p>No ADS-B is installed in this aircraft at this time. ADS-B out equipment is required to operate in all airspace that requires use of a transponder.</p> <p>The VFR Certification of the transponder and encoder are out of date. This certification is required to be performed each 24 months in accordance with FAR, §1.413.</p>
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