

# INSPECTION, TESTS, REPAIRS, ALTERATIONS & MAINTENANCE RECORD

Description of Inspection or Maintenance Performed By  
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility.

Engine : page 1 of 1

Date

Total Time

TTSMOH

wo: 20415



Darkhorse Maintenance LLC

SPRINGFIELD, TN 37172

July 12, 2021

Titan Aircraft Engines, S/N: D3B004

N825ME

N825ME ENG T.T.: 267.3

Performed an ANNUAL inspection I/A/W 14 CFR FAR part 43 APPX D. Researched all AD's through 05 MAY 21 and found to be in compliance. Drained oil, removed and inspected filter, no metal found. replaced oil filter with new Tempest P/N: AA48162 and serviced engine with 8 QTS Phillips X/C 20W50. Performed compression test, results as follow: CYL#1 72/80, CYL#2 74/80, CYL#3 71/80, CYL#4 74/80. Replaced air intake filter with new P/N: PC54108-001. Replaced engine crankshaft seal with new P/N: AEL13792. Performed engine run up, ops and leak check good, no defects noted. I certify this engine has been inspected I/A/W an ANNUAL inspection an was found to be in an airworthy condition.

Donald Huffman A&P/IA

wo: 20415

YEAR

20

DATE

Darkhorse Maintenance LLC

37172

May 05, 2021

N825ME

Cubcrafters , CC11-160, S/N: CC11-00372

N825ME ACFT T.T.: 346.5

Performed an ANNUAL inspection I/A/W 14 CFR FAR part 43 APPX D. Researched all AD's through 05 MAY 2021 and found to be in compliance. Replaced ELT battery with new Kannad P/N: 11-06297. Inspected Battery no defects noted. Tested ELT I/A/W 14 CFR FAR 91.207(d) MOC OK. ELT battery requires replacement December 2028. Inspected and serviced M/L/G wheel bearings, no faults found. Inspected and serviced tail landing gear wheel bearings and castering knuckle, no faults found. Serviced both M/L/G tires with 10 PSI of nitrogen. Replaced both L/H and R/H M/L/G brake linings 4EA. with new Grove P/N: 066-111. Inspected and lubed all pulleys and cables. Replaced ignition backup battery with new Power-Sonic P/N: SP91001-201. All maintenance performed I/A/W Cub Crafters AMM. I certify this aircraft has been inspected I/A/W an ANNUAL inspection and was found to be in an airworthy condition.

Donald Huffman A&amp;P/IA

# INSPECTION, TESTS, REPAIRS, ALTERATIONS & MAINTENANCE RECORD

| Date | Total Time | TTS MOH | Description of Inspection or Maintenance Performed By<br><small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility</small> |
|------|------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |            |         |                                                                                                                                                                            |

**N825ME** 1/20/2019

ENG SERIAL: D3B004 Total hours:217.0 Engine hours:168.2

Performed Condition Inspection IAW FAR 43 Appendix D and Cub Crafters CC11-160 Maintenance Manual.

Verified engine compressions #1 75, #2 76, #3 76, #4, 75. Serviced engine with 5 quarts of Phillips XC 20W50 oil & 8 ounces Camguard. inspected filter for contaminants, found SAT. Serviced engine spark plugs. Performed post maintenance operational checks and engine performance runs, found satisfactory.

**I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE MANUFACTURE'S MAINTANANCE MANUAL AND INSPECTION PROCEEDURES FOR A CONDITION INSPECTION AND WAS DETERMINED, TO THE BEST OF MY KNOWLEDGE IN CONDITION FOR SAFE OPERATION.**

Lawrence L Adair, Jr A&P [REDACTED]  
[REDACTED]

RECO  
TACH  
TIME

**N825ME** 1/20/2019

ACFT SERIAL: CC11-00373      Total hours:217.0    Engine hours:168.2

Performed Condition Inspection IAW FAR 43 Appendix D and and Cub Crafters  
CC11-160 Maintenance Manual.

Replace Ignition back-up battery with new PowerSonic PS-1221. Service main and  
tail wheel bearings. Inspect brake pads for wear. Service master cylinders with 5606  
hydraulic fluid.

**I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE  
WITH THE MANUFACTURE'S MAINTANANCE MANUAL AND INSPECTION  
PROCEDURE FOR A CONDITION INSPECTION AND WAS DETERMINED, TO  
THE BEST OF MY KNOWLEDGE IN CONDITION FOR SAFE OPERATION.**

Lawrence L Adair, Jr A&P [REDACTED] IA