

CC11-00214



The Standard

ENGINEERING LOG

ASA 51-1

 *The Standard*
ENGINE LOG

ASA-SE-1

Engine Record General Information

Manufacturer CUBCRAFTERS, INC Model CC340

Serial 00124 Type Certificate _____

This engine is currently installed in aircraft _____

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ hours

YEAR: _____
 RECORDING TACH TIME
 TODAY'S FLIGHT
 TOTAL TIME IN SERVICE
 DATE

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

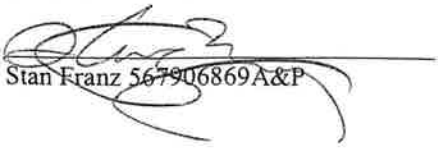
This Engine was installed new on serial number CC11-00214. It has been serviced with 5 quarts of Phillips 66 Type X/C 20W/50 Mineral Oil.


 Production Manager

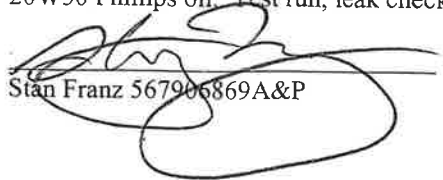
MAY 16, 2017
 (Date)

r Repair

6-20-12 Model: CC340 S/N 00124 Tach 2.1 TT 2.1
Installed B&C BC700 oil filter adapter kit S/N 700004121838 I.A.W. B&C install manual FK-502.


Stan Franz 567906869A&P

07-12-12 N878CD S/N CC11-00214 Tach 30.5 TT 30.5
Drained oil, removed and installed new CH48108-1 filter, torqued and saftied. Serviced with 5-qts of
20W50 Phillips oil. Test run, leak checked; all operations are normal.


Stan Franz 567906869A&P

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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07-25-2012	N 878CD	S/N CC11-00214	Tach 59.0 Hobbs 70.7 TT 59.0	Drained oil, removed and installed new CH48108-1 filter, torqued and saftied. Serviced with 5 quarts of Phillips Type X/C 20W/50 oil. Test run, leak checked. All systems and operations are normal.
Christopher Desmond, FAA Repairman Cert.# 3747697				


10-17-2012	N 878CD	S/N CC11-00214	Tach Hobbs 118.8 TT	Drained oil, removed and installed new CH48108-1 filter, torqued and saftied. Serviced with 5 quarts of Phillips Type X/C 20W/50 oil. Test run, leak checked. All systems and operations are normal.
Christopher Desmond, FAA Repairman Cert.# 3747697				

repair

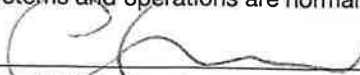
YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
12-05-12	Model: CC340	S/N 00124	Tach 116.0 Hobbs 141.1 TT 116.0	Compression (1) ^{76/80} (2) ^{77/80} (3) ^{76/80} (4) ^{78/80} ; checked cylinder walls with a boroscope; normal. Installed (8) ea IK27 Iridium spark plugs, inspected all controls for travel and safety. Installed (2) ea new intake seals on #1 & 3 cylinders. Retorqued propeller. Continued time on oil. Test run and leak checked; all operations are normal. This engine has been inspected I.A.W. a 100-hour inspection and was determined to be safe for flight.


 Stan Franz 567906869A&P

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
12-06-2012	N 878CD	S/N CC11-00214	Tach Hobbs 146.5 TT	Drained oil, removed and installed new CH48108-1 filter, torqued and saftied. Serviced with 5 quarts of Phillips Type X/C 20W/50 oil. Test run, leak checked. All systems and operations are normal.


 Christopher Desmond, FAA Repairman Cert.# 3747697

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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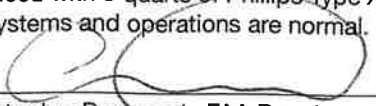
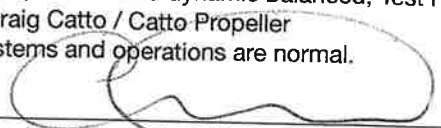
02-15-2013	N 878CD	S/N CC11-00214	Tach	Hobbs 180.4	TT	
Drained oil. Serviced with 5 quarts of Phillips Type X/C 20W/50 oil. Test run, leak checked. All systems and operations are normal.						

Christopher Desmond, FAA Repairman Cert.# 3747697

04-21-2013	N 878CD	S/N CC11-00214	Tach	Hobbs 199.5	TT	
Drained oil, removed and installed new CH48108-1 filter, torqued and saftied. Serviced with 5 quarts of Phillips Type X/C 20W/50 oil. Test run, leak checked. All systems and operations are normal.						

Christopher Desmond, FAA Repairman Cert.# 3747697

or Repair

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	05-12-2013		N 878CD S/N CC11-00214 Tach Hobbs 225.4 TT	Drained oil. Serviced with 5 quarts of Phillips Type X/C 20W/50 oil. Test run, leak checked. All systems and operations are normal.
				
				Christopher Desmond, FAA Repairman Cert.# 3747697
	05-18-2013		N 878CD S/N CC11-00214 Tach 184.0 Hobbs 228.5 TT 184.0	Original Prop removed and Replaced with NEW Prop (warranty/replacement) NEW Prop: CATTO 80/50 NLE SS#05132731 Torqued, Saftied and dynamic balanced, Test Run. by: Craig Catto / Catto Propeller All systems and operations are normal.
				
				Christopher Desmond, FAA Repairman Cert.# 3747697

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
07-05-2013		N 878CD	S/N CC11-00214	Tach Hobbs 249.6 TT Drained oil, removed and installed new CH48108-1 filter, torqued and saftied. Serviced with 5 quarts of Phillips Type X/C 20W/50 oil. Test run, leak checked. All systems and operations are normal.
Christopher Desmond, FAA Repairman Cert.# 3747697				
07-08-2013		N 878CD	S/N CC11-00214	Tach 217.8 Hobbs 275.3 TT 217.8 Drained oil. Serviced with 5 quarts of Phillips Type X/C 20W/50 oil. Test run, leak checked. All systems and operations are normal.
Christopher Desmond, FAA Repairman Cert.# 3747697				

YEAR:
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Repair

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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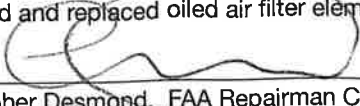
04-07-2014 N 878C.../N CC11-00214 Tach Hobbs 300.6 TT
Drained oil, removed and installed new CH48108-1 filter, torqued and saftied.
Serviced with 5 quarts of Phillips Type X/C 20W/50 oil. Test run, leak checked.
Removed and replaced oiled air filter element. All systems and operations are normal.

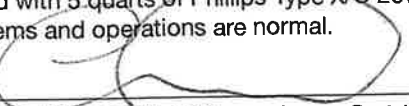
Christopher Desmond, FAA Repairman Cert.# 3747697

05-25-2014 N 878CD S/N CC11-00214 Tach Hobbs 324.7 TT
Drained oil.
Serviced with 5 quarts of Phillips Type X/C 20W/50 oil. Test run, leak checked.
All systems and operations are normal.

Christopher Desmond, FAA Repairman Cert.# 3747697

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08-27-2014			N 878CD S/N CC11-00214 Tach Hobbs 350.4 TT	
			Drained oil, removed and installed new CH48108-1 filter, torqued and saftied.	
			Serviced with 5 quarts of Phillips Type X/C 20W/50 oil. Test run, leak checked.	
			Removed and replaced oiled air filter element. All systems and operations are normal.	
				
			Christopher Desmond, FAA Repairman Cert.# 3747697	

01-07-2015			N 878CD S/N CC11-00214 Tach Hobbs 373.1 TT	
			Drained oil.	
			Serviced with 5 quarts of Phillips Type X/C 20W/50 oil. Test run, leak checked.	
			All systems and operations are normal.	
				
			Christopher Desmond, FAA Repairman Cert.# 3747697	

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
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Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE

Engine Annual
CubCrafters CC11-160
N878CD
S/N CC11-00214
Hobbs 393.7 TT 310.0



Page 1
03-16-2015

1. Removed Cowling.
2. C/W Rainbow Aviation annual inspection Checklist.
3. C/W Cub Crafters Checklist from Maintenance Manual SSC10000AMM Appendix A.
4. Removed, and replaced spark plugs with new gapped Denso P/N IK27 supplied by customer.
5. Drained oil, removed oil filter, inspected oil filter, service engine with 5qts of Phillips 66 X/C sae 20W-50 supplied by customer.
6. Performed Differential Compression Test. Cyl#1 73/80 Cyl#2 76/80 Cyl#3 72/80 Cyl#4 74/80.
7. Removed Carburetor.

or Repair

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Engine Annual
 CubCrafters CC11-160
 N878CD
 S/N CC11-00214
 Hobbs 393.7 TT 310.0



Page 2
 03-16-2015

8. Removed Updraft Tube P/N SC50364-001, AEL66224-00 Carb Gaskets, and SC50365-001 oil Sump Studs by reversing order of Cub Crafters SI0031 Rev NC.
9. Installed Original short studs, provided by customer, into oil sump.
10. Installed new perforated nozzle retro-fit kit as per Marvel Schebler SB-22.
11. Removed data plate from Marvel Schebler P/N 10-3678-32 S/N MN587101 and replaced with new data plate changing to P/N 5-6200 S/N MN587101 as per Marvel Schebler SB-22.
12. Tested EGT probes for normal operation.
13. Washed Engine.

or Repair

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
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Description of Inspections, Tests, Repairs and Alterations

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Engine Annual
CubCrafters CC11-160
N878CD
S/N CC11-00214
Hobbs 393.7 TT 310.0



Page 3
03-16-2015

- 14. Reinstalled Cowling.
- 15. Test ran engine and confirmed normal operation.

I certify that this engine has been inspected in accordance with the scope and detail of FAR part 43, appendix D and was found to be in condition for safe operation.


Jasen Golden LSRM-A, PP, WS 3558807

Repair

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Model: <u>OX-340CC-B3J3N4</u>	Work Order #: <u>B8780</u>	HEALDSBURG AVIATION INC.
S/N: <u>00124</u>	Tach: <u>344.6</u>	HEALDSBURG, CA 95448
N <u>878CD</u>	TSN: <u>344.6</u>	707-433-8540

ENGINE LOG INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

Performed compression test: #1 72, #2 74, #3 73, #4 77. Installed all new spark plugs P/NSP55020-145. Installed all new ignition harness. Tightened oil dip stick tube and safetied. Tightened valve cover screws. tightened clamp on exhaust heat exchanger. Treated cylinder hold down nuts with Corrosion-X treatment.

I certify that this engine has been inspected in accordance with the manufacturer's maintenance/inspection procedures and was found to be in a condition for safe operation.

[Signature] I.A. 3040317 Date: May 20, 2016

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YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE	Model: OX-340CC-B3J3N4	Work Order #: B9167	HEALDSBURG AVIATION INC.
	S/N: 00124	Tach: 363.6	HEALDSBURG, CA 95448
	N 878CD	TSN: 363.6	707-433-8540

ENGINE LOG INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

Performed compression test: #1 74, #2 76, #3 Removed due to low compression, #4 78. Removed #3 cylinder for overhaul by Ly-Con Aircraft WO# 021395 and reinstalled using all new gaskets in accordance with Cub Crafters CC340 engine manual Doc# SSC50000. Oil and filter changed; serviced with Phillips 20W-50XC. Replaced air filter element. Cleaned and tested spark plugs. Performed test runs and leak check.

I, certify that this engine has been inspected in accordance with the manufacturer's maintenance/inspection procedures and was found to be in a condition for safe operation.

Jeffrey B. Holloway I.A. 3040317 Date: June 28, 2017

END



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Engine

November 28, 2018

Repair

REG#	Engine Model	SN:	TSN	ETT	Tach
N878CD	OX-340CC-B3J3N4	00124	436.5	436.5	72.9

This **Engine** has been inspected IAW Cubcrafters CC11-160 MM Rev A. Dated 08/05/2014 and FAR 43.13 Appendix D for an Annual **Condition** Inspection. Compression test as follows Cly#1. 72, #2 74 #3 76, #4 74/80. Serviced engine with 6qts Phillips XC 20w50. Installed New oil filter PN: CH48108-1. Removed, cleaned and rotated all spark plugs. Removed and replaced engine inlet filter with new. Lubricated all engine controls. No Applicable AD's or SB's as of 11/22/2018.

I certify that I have inspected this **Engine** IAW the manufactures inspection guidelines for a **Condition** inspection and was determined to be in condition for safe flight. All work was accomplished in accordance with the current Federal Aviation Regulation and manufacture maintenance instruction

Signed

Jeffrey Willems AP.3291817

Repair



Engine

September 20, 2019

REG#	Engine Model	SN:	TSN	ETT	Tach
N878CD	OX-340CC-B3J3N4	00124	468.0	468.0	104.0

This Engine has been inspected IAW Cubcrafters CC11-160 MM Rev A. Dated 08/05/2014 and FAR 43.13 Appendix D for an Annual **Condition** Inspection. Compression test as follows Cly#1. 76, #2 78 #3 78, #4 72/80. Serviced engine with 6qts Phillips XC 20w50. Installed New oil filter PN: CH48108-1. Removed, cleaned and rotated all spark plugs. Removed and replaced engine inlet filter with new. Lubricated all engine controls. No Applicable AD's or SB's as of 09/20/2019

I certify that I have inspected this Engine IAW the manufactures inspection guidelines for a **Condition** inspection and was determined to be in condition for safe flight. All work was accomplished in accordance with the current Federal Aviation Regulation and manufacture maintenance instruction.

Signed  Date 09-20-2019
Jeffrey Willems AP.3291817.IA

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE

Description of Inspections, Tests, Repairs and Alterations

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Skyline Aviation
 8629 Hangar Road, San Angelo, Texas 76904

878CD Carbon Cub SS Serial No. CC11-00214 Tach: 491.0

Engine: Cub Crafters INC, CC340 s/n: 00124

Date: June 12th, 2020

Accomplished the following maintenance items:

Drained and replaced engine oil with 6 qts of Philips 20W-50.

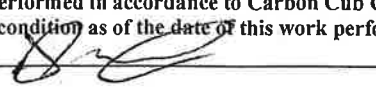
Removed and replaced with new oil filter PN# CH48108-1.

Cut open and inspected old filter, no metal shavings found.

Performed ground run, no faults found.

I certify that this performed in accordance to Carbon Cub CC340 engine manual Doc # SSC50000 revised 10/27/10 and was determined to be in airworthy condition as of the date of this work performed.

Jamal Alleyne
A&P 3865514



YEAR:

DATE

8-1-2020

Cubcrafters, Inc CC340 Serial # 00124

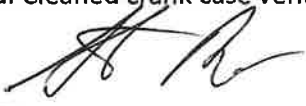
TT 494.8

Repair

Completed 100 hr inspection. Checked compression #1-77/80,2-76/80,3-78/80, #4 76/80.

Inspected exhaust system . Cut open filter, no contaminants found. Cleaned engine, ran and checked for leaks, none found. Cleaned crank case vent IAW SI0023 Rev A.

Steve Pierce 2852926 A&P



Make: Cub Crafters Inc
Model: CC340
S/N: 00124



TacAero 3650 Airport Drive
Hood River, OR 97031
(844) FLY-CUBS

Date: 11/22/2021
Tach: 521.3
TT: 526.5
A/C Reg: N878CD

Performed condition inspection IAW Carbon Cub inspection checklist. Compressions: #1-71 #2-73 #3-77 #4-72. Performed oil change. Inspected oil filter element for contaminants, no unusual contaminants found. Installed new oil filter and filled engine with 6qt of Aeroshell 15w-50. Replaced all spark plugs with new Denso IK27. Replaced all ignition leads with new kit from Cub Crafters for 500hr replacement. Performed ground run and leak check, ok.

I certify that this Engine has been inspected IAW the scope and detail of appendix D, FAR part 43 and has been determined to be in a condition for safe operation.



Mondo Diek AP3686949

wo: 37029

Engine · page 1 of 1



Angelo Precision Aircraft, LLC · 9134 Hanger Rd · SAN ANGELO, TX 76904 · 325-949-0643

N878CD
TACH: 547.3

CUBCRAFTER, CC340, S/N: ENGINE SN TBD

October 12, 2022

1. Compression inspection 1-79, 2-78, 3-78, 4-79.
2. Borescope cylinders, valves all looked good with no burned spots, cylinder walls showed no sign of corrosion or pitting or scratches.
3. Change oil and filter with Aeroshell 15W-50, and CH48108-1 filter, washed down engine, run up leak checked good. Cut open old filter and found no metal debris. Visually inspect engine, checked good.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Angelo Precision Aircraft, LLC under work order: 37029.

Frank Hinds Airframe and Power Plant AP2042285 IA

Repair

Technician or Repair

oil
spark
ok, ok.

safe



Angelo Precision Aircraft, LLC · 9134 Hanger Rd · SAN ANGELO, TX 76904 · 325-949-0643

Technician or Repair

YEAR

DATE

N878CD
TACH: 635.8

CUBCRAFTER, CC340, S/N: ENGINE SN TBD

July 17, 2024

1. Inspected this Engine in accordance with FAR 91.409 (a)(1) utilizing Textron Lycoming O-360 Series Operator's Manual, Section 4. Complied with daily, 50 hour, 100 hour, and 4 month engine tasks.
2. Inspected this Engine in accordance with FAR 91.409 (a)(1) utilizing Cub Crafters CC 340 Series Maintenance manual.
3. Removed and replaced oil dipstick.
4. Replaced spark plugs with new NGK 2669.
5. Change oil and filter (Aeroshell 15W-50, Tempest AA48108-2), Cut open old filter and found no metal debris, washed down engine, run up leak checked good. Visual 50 hour inspection checked good.
6. I Certify that this engine has been inspected in accordance with an on condition inspection and was determined to be in airworthy condition.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Angelo Precision Aircraft, LLC under work order: 37750.

Frank Hinds Airframe and Power Plant Inspector IA AP2042285 IA

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