



ENGINE
COMPONENTS
INTERNATIONAL

ENGINE DATA

ENGINE

Manufacturer/Make TITAN Model OX-340cc-B3J3N4
Serial No. D2B010 Type Certificate ASTM F2339-06
This engine is currently installed in aircraft: CC11-00363

Max RPM 2,700 H.P. 180 Compression Ratio 9.0 to 1

Fuel Grade 100/100 LL Oil Grade meets SAE J1899 or MIL-L-22851

Ignition Timing 25 ° BTDC Spark Plug Gap _____ Firing Order 1-3-2-4
(or equivalent)

Recommended T.B.O. 2,400 Hr Assembly Date 3/2/15

Break-in Technician _____

Break-in Date _____ Date 1st Flown _____

AIRCRAFT

Installation in
Aircraft Type _____ Reg. No. _____ S/N _____ Date _____

First Flight Date _____

Other _____

INSPECTION, TESTS, REPAIRS, ALTERATIONS & MAINTENANCE RECORD

Date	Total Time	TTSMOH	Description of Inspection or Maintenance Performed By <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility.</small>
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A/C Make:	<u>Cub Crafters</u>	EL AERO SERVICES, INC.	Engine Make:	<u>Titan</u>
A/C Model:	<u>Carbon Cub</u>	815 Murray Way	Engine Model:	<u>C-340CC-B3J3N4</u>
Reg. No.:	<u>N363JM</u>	Elko, NV 89801	S/N:	<u>D2B010</u>
S/N:	<u>CC11-00363</u>	F.A.A. Certificated Repair Station #AQHR225C	Engine TT:	<u>900</u>
Tach:	<u>9.6</u>	F.A.A. Certificated Repair Station #AQHD225C	S.M.O.H.:	<u>N/A</u>
A/F TT:	<u>900</u>	AIRFRAME LOGBOOK INSERT	W.O. #	<u>22460</u>

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is authorized for return to service. Pertinent details are on file at this agency.

(1) — Changed engine oil. Serviced with 5 quarts Phillips XC 20W-50. Replaced Filter. Ground run, leak check good. Cut open old filter, no metal particles found. Collected oil sample and gave to the customer. End

Inspector	<u><i>[Signature]</i></u>	Date	<u>4/15/2015</u>
	For repair station of El Aero Services, Inc.		Form EA 13A

04/23/15 N363JM CC11-160 S/N CC11-00363 Tach 38.5

ENGINE LOG ENTRY

Changed oil and filter. Serviced with 5 quarts Phillips 20W50 XC oil and new filter. Cut open old filter. No debris noted. Ground run checked.

[Signature]

AP267914203

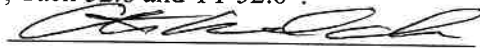
INSPECTION, TESTS, REPAIRS, ALTERATIONS & MAINTENANCE RECORD

Date	Total Time ENGINE	TTSMOH	Description of Inspection or Maintenance Performed By <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility.</small>
12-5-15	54.1		Induction hoses were replaced with P/N SC56053-001 O-rings and lock washers were installed NEW, SB00032 Rev A was complied with. Gary Austin A.P 2613845

01/18/16 N363JM CC-340 S/N 00169 Tach 52.6 TT 52.6

"ENGINE LOG ENTRY"

Compression check: #1 78/80, #2 78/80, #3 74/80, #4 76/80. Changed oil and filter. Cut filter open, no defects found. Install 5 quarts of Phillips 20W50 oil and installed AA48162 filter. CW SI0023 Oil breather tube. Installed all new spark plugs. "I certify this Engine has been inspected in accordance with a Condition Inspection as per Cub Crafters, Inc. CC11-160 Maintenance Manual Inspection List and was determined to be in airworthy condition this date 01/18/16, Tach 52.6 and TT 52.6".



A&P595248430IA



HIGH DESERT AVIATION, LLC

4025 SW AVIATION BLVD, PRINEVILLE, OR 97754

541-447-1822

hdaviation7@gmail.com

DATE: 06/17/2016

AIRCRAFT: N363JM, CUBCRAFTERS CC11-160, S/N CC11-00363; TACH: 127.9

ENGINE: TITAN OX-340CC

DRAINED OIL AND REPLENISHED WITH 5QTS PHILLIPS XC 20W50. REPLACED OIL FILTER WITH NEW TEMPEST AA48162.

RETURNED AIRCRAFT TO SERVICE. ERIK COOK AP3023411





HIGH DESERT AVIATION, LLC

541-447-1822

hdaviation7@gmail.com

4025 SW AVIATION BLVD, PRINEVILLE, OR 97754

DATE: 02/09/2017

AIRCRAFT: N363JM, CUBCRAFTERS CC11-160, S/N: CC11-00363; TACH: 127.9

ENGINE: TITAN OX-340CC -B3J3N4, S/N: D2B010

PROPELLER: CATTO 80X50NLE, S/N: 01153972

PERFORMED A CONDITION INSPECTION I/A/W CUB CRAFTERS CC11-160 M/M AND 14 CFR 43 APX D. CYLINDER DIFFERENTIAL PRESSURES: #1: 76/80, #2: 76/80, #3: 74/80, #4: 76/80. INSPECTED LIGHT SPEED IGNITION SYSTEM I/A/W LIGHT SPEED I/M SECTION 6. CLEANED, INSPECTED AND CHECKED SPARK PLUG GAP. REPLACED IGNITION BACK-UP BATTERY (POWERSONIC PS1221 S) NEXT REPLACEMENT DUE 02/2018.

I HAVE INSPECTED THIS ENGINE I/A/W A CONDITION INSPECTION AND FOUND IT TO BE IN AN AIRWORTHY CONDITION.

MARTY KIMBERLING AP3485694

CUBCRAFTERS


1920 South 16th Ave - Yakima, WA 98903 (KYKM)
Phone: (509) 248-1025 Fax: (509) 853-2783

12 Mar 2018	Titan OX-340CC-B3J3N4	S/N D2B010	Tach 159.3	TT 159.3	Engine
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Drained oil, removed and inspected oil filter, installed new CH48108-1 filter, serviced with 5-qts of AeroShell 15W50 oil. Cleaned and gapped spark plugs. Compression: (1)^{80/}₈₀ (2)^{80/}₈₀ (3)^{75/}₈₀ (4)^{80/}₈₀. Cleaned all fuel screens, inspected exhaust stacks and controls for travel and safety. Installed new air filter. Test run, 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 operation.**

Stanley Franz IA567906869

INSPECTION, TESTS, REPAIRS, ALTERATIONS & MAINTENANCE RECORD

Date	Total Time	TTSMOH	Description of Inspection or Maintenance Performed By <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility.</small>
			<p>I certify that the ATC Transponder test required by 14 CFR Part 91.413 has been performed in accordance with Part 43, Appendix F. Details of work performed are on file under Work Order # <u>001473</u>.</p> <p>Date: <u>03-12-1-2018</u> Transponder Model: <u>TT 22</u> Signature: <u>[Signature]</u> Transponder S/N: <u>03567</u> Certificate # <u>4CCR016C</u></p> <p style="text-align: center;">  Certified Repair Station 4CCR016C </p>

Twin Oaks Aircraft Maintenance, LLC
 Daniel W Stark
 12405 SW River Road
 Hillsboro, OR. 97123
 danny@twinoaksaircraft.com
 Tach: I91.7 & ETSNEW: 191.7

1/10/2019 N363JM
 Cub Crafters CC11-160 S/N: CC11-00363
 Titan OX-340CC-B3J3N4 S/N: D2B010
 Catto 80x50 NLE S/N: 01153972

Changed oil and filter, check filter and found clean, took sample and sent service with 5 qts Phillips 20W-50 oil and check for leaks.

[Signature]
 Daniel W Stark 2708377 A&P

Twin Oaks Aircraft Maintenance, LLC
 Daniel W Stark
 12405 SW River Road
 Hillsboro, OR. 97123
 danny@twinoaksaircraft.com
 Tach: 195.4 & ETSNEW: 195.4

3/27/2019 N363JM
 Cub Crafters CC11-160 S/N: CC11-00363
 Titan OX-340CC-B3J3N4 S/N: D2B010
 Catto 80x50 NLE S/N: 01153972

Completed 100hr condition inspection on this engine, service and lube as needed. Check compression: #1= 78/80 #2= 78/80 #3= 78/80 #4= 78/80.

I certify that this engine has been inspected on 3/27/2019 IAW the manufacturer's maintenance and inspection procedures per a 100hr condition inspection and was found to be in condition for safe operation.

[Signature]
 Daniel W Stark 2708377 1A