



Silver Hawk Aviation

2005 CUBCRAFTERS CC-18-180 Top Cub Ranger



Serial Number: CC18-0009 - Tail ID: N65NC - 2,925 TTAF

CUBCRAFTERS Asking: \$115,000.00

- Immaculate - One-Owner - Professionally Law Enforcement Maintained
- Always Hangared
- Always and Only Ever Professionally Flown
- Very Late 2005 - Entry Into Service C of A: 23 November 2005
- Last Annual: April 2020
- Great **N65NC** Aircraft Registration ID Comes with Plane
- Crystal Clear Windscreen & Windows
- Located at Foothills, North Carolina

ENGINE:

Original
Manufacturer: Lycoming
Model: O-360-C4P (same as Super Cub)
Horsepower: **180**
TBO: 2,000
Serial Number: L40322-36A
Total Time Since New: 2,925 Hours
Total Time SMOH: 933 Hours - OH August 2014



PROPELLER:

Sensenich Model: 76EM8-0-57
Serial Number: 23923K
Last OH: 22 October 2015
TTSOH: 764 Hours

AVIONICS & ASSOCIATED:

- Garmin GTX-327 Transponder - **No ADS-B**
- Garmin GNS-430 Nav/Comm
- Garmin AT SL-40 Comm (Interfaces with the Aera 560)
- Garmin Aera 560 w/Panel Mounted Switch
- ATD-300 Traffic-Watch
- E. I. Inc. - Tachometer
- E. I. Inc. - EAC-1 EGT/OAT/CHT Instrument
- E. I. Inc. - VA-1A Volts/Amps Instrument
- E. I. Inc. - Opt1 Oil Pressure And Oil Temp
- ACK A-30 Altitude Encoder
- ACK E-04 121.5/406 MHz ELT w/Remote Panel Switch:
- Davtron M800 Chronometer
- Dual Bose Single-Pin Headset Jacks
- Dual Standard 2-Pin Headset Jacks
- Music Input w/Mute Switch

LIGHTING & ELECTRICAL:

- B&C L40 14V 40 Amp Alternator - 2018
- Dual Whelen Overhead Panel and Fuel Indicator Red Illumination Lights
- Aero-Lites SunSetter Plus SSL Series Cree LED Taxi & Landing Lights
- Whelen Strobes

ADDITIONAL:

- Excellent Air Trac 8.5 x 6 Main Tires
- Cleveland Brakes - New Linings April 2020
- Scott Brake Master Cylinder
- New Tailwheel Tire & Tube - Sept 2019
- Fire Extinguisher

IMPORTANT NOTES:

- Exceptionally Well Maintained
- Exceptional Condition
- Exceptionally Clear Windscreen, Overhead, and Side-Panel Glass
- Exceptionally Clear Taxi / Landing Light Enclosure
- Two Incidents of Damage History - See Below

Basic Empty Weight: 1,274 Pounds
Maximum Useful Load: 1,100 Pounds
Maximum Fuel Load: 50 Gallons
Usable Fuel: 44 Gallons - 22 Gallons/Side











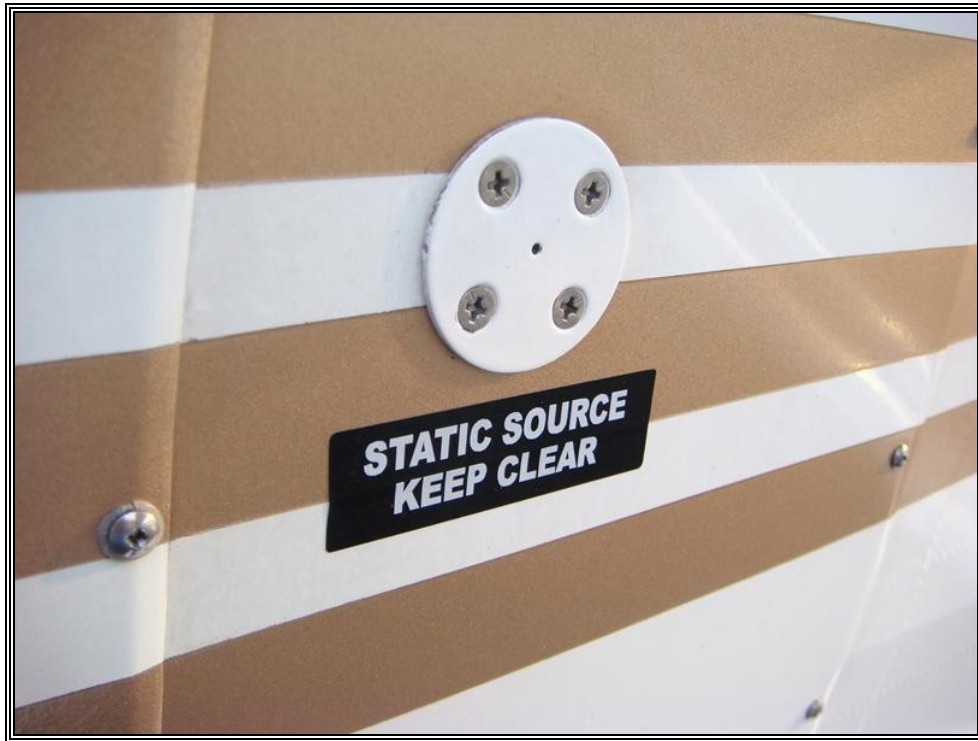






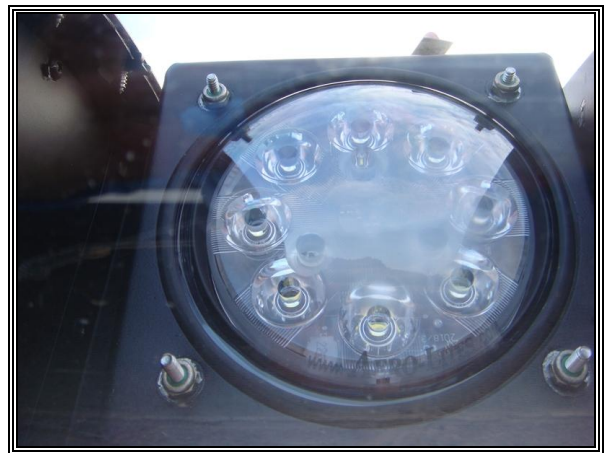
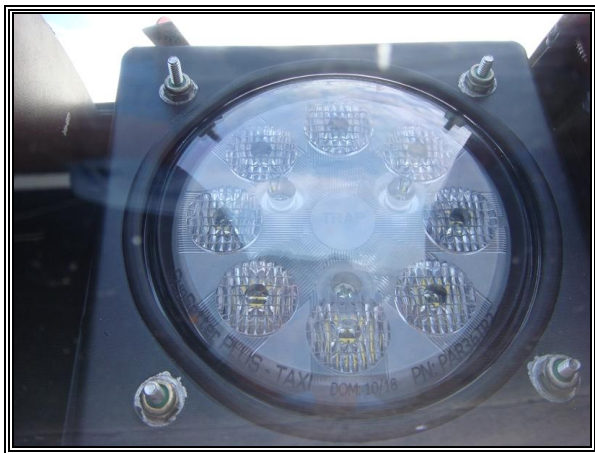


















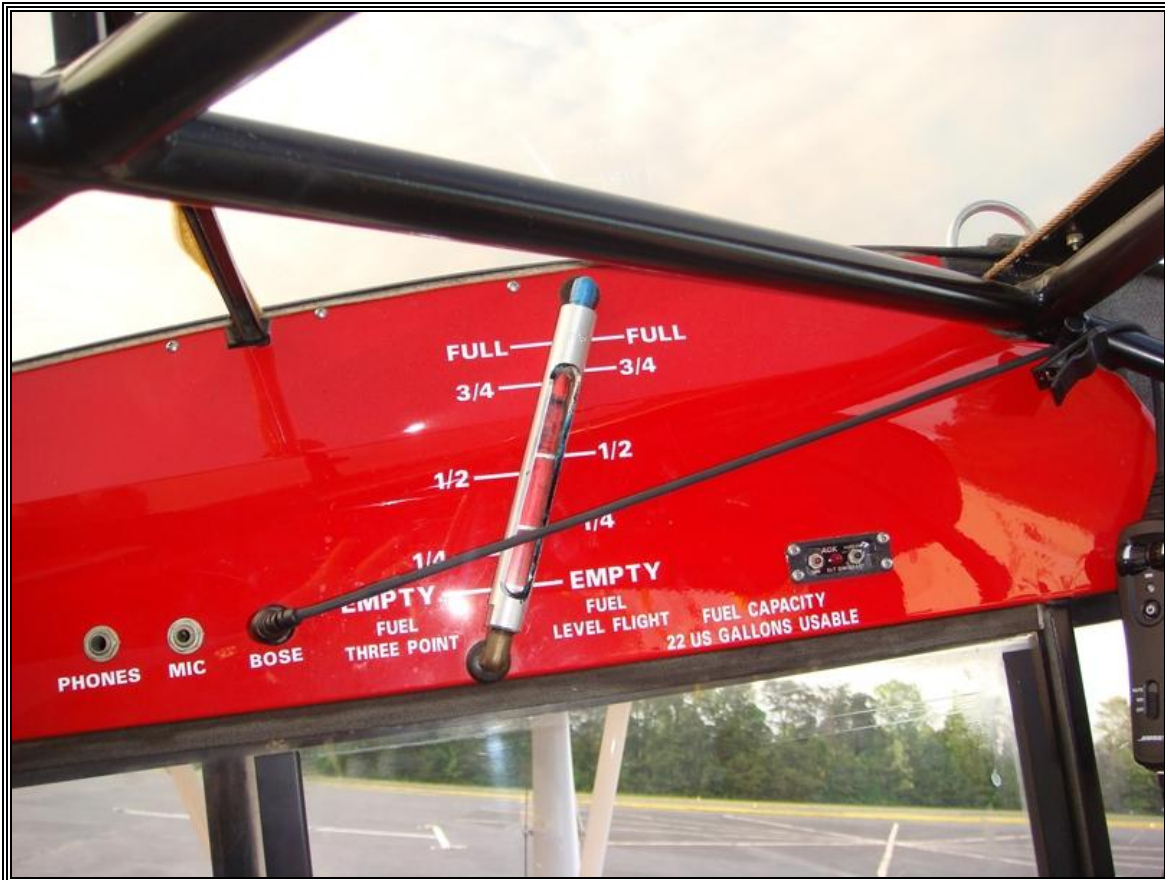
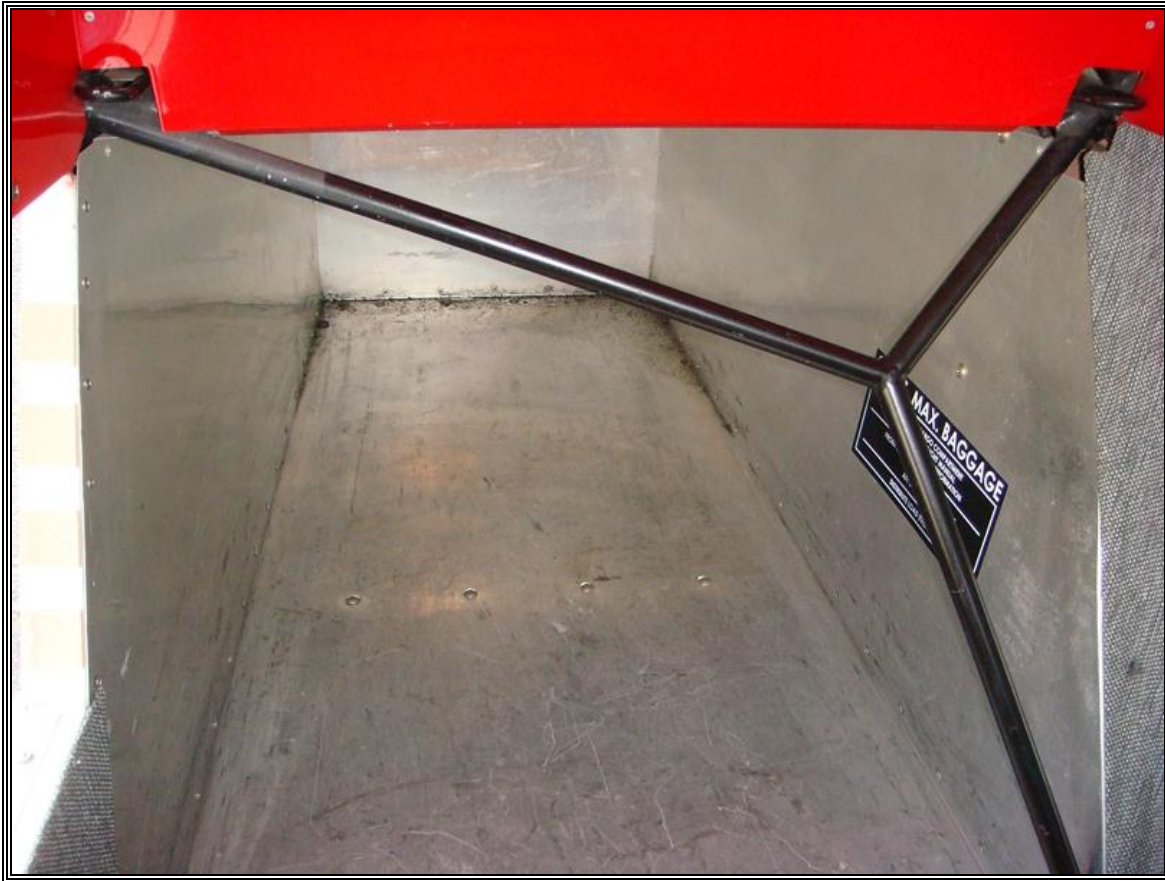




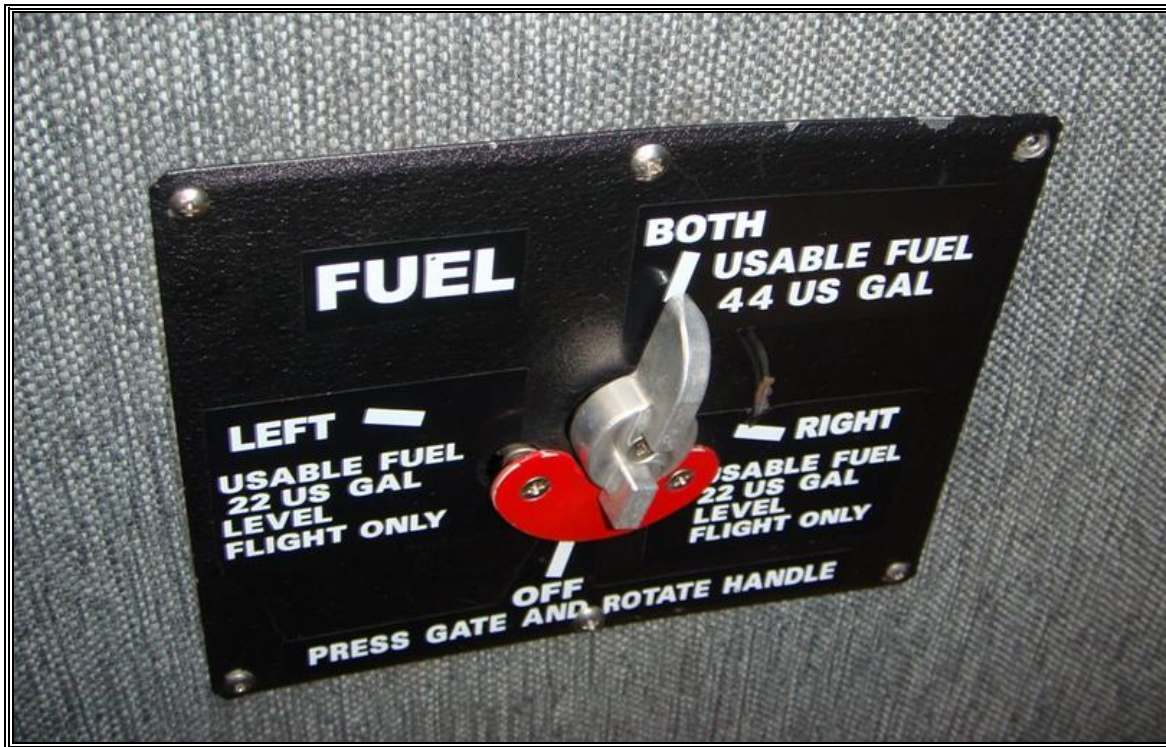




























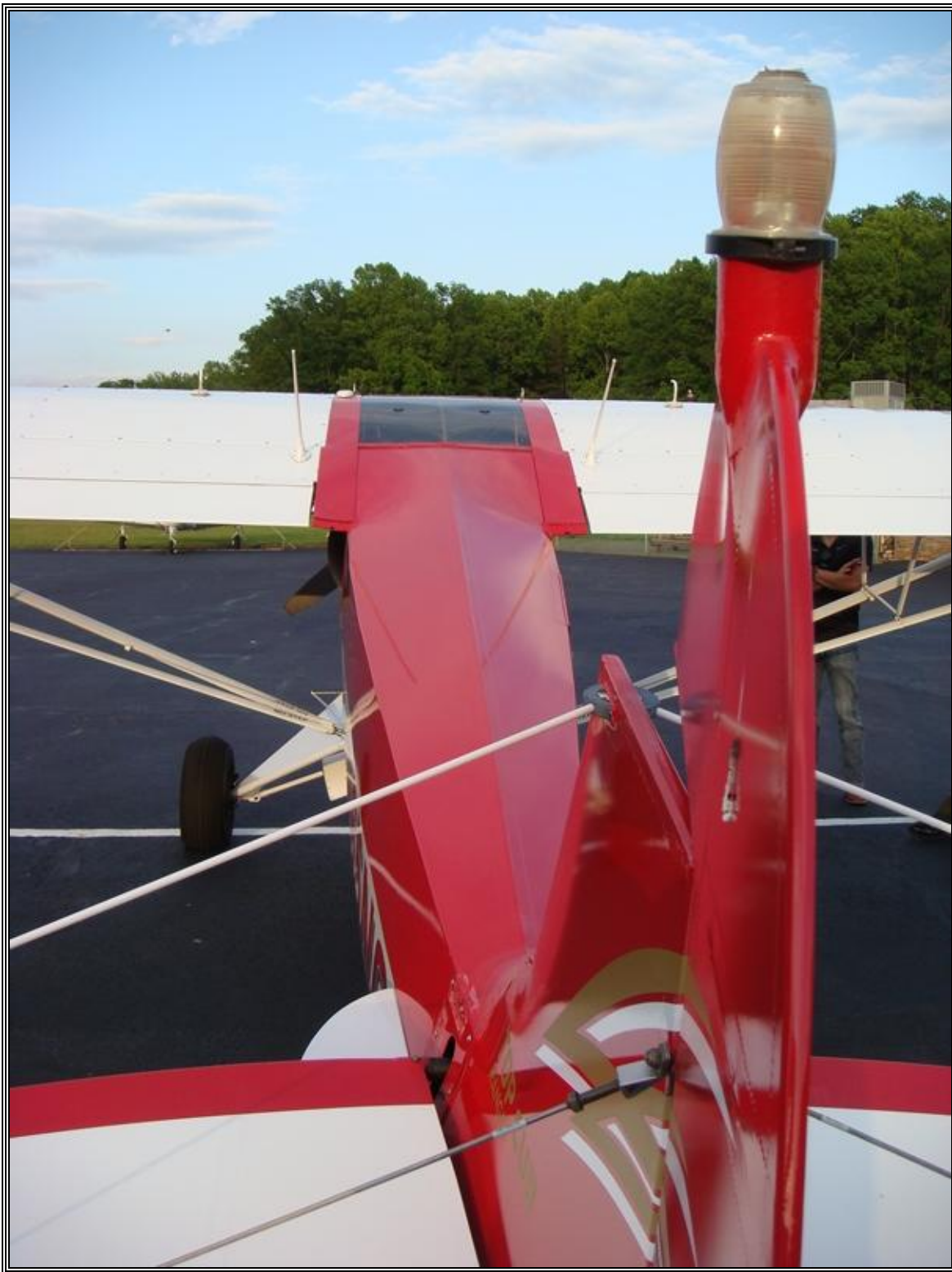
















SECTION 6 WEIGHT AND BALANCE

CUB CRAFTERS CC18-180

	Weight (lb.)	Arm (ins.)	Moment (lb-in/1000)
Basic empty weight	1274.6	74.75	94.4
Pilot		71	
Passenger		97	
Fuel		84	
Cargo under seat (5 lb. limit)		97	
Forward cargo compartment (behind passenger) (180 lb. limit)		117	
Extended cargo compartment (behind forward compartment) (20 lb. limit)		153	
Storage/accessory compartment (5 lb. limit)		150	
Takeoff weight			

Table 6-3 Weight and balance loading form

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION

STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS N65NC	2. MANUFACTURER AND MODEL Cub Crafters CC18-180	3. AIRCRAFT SERIAL NUMBER CC18-0009	4. CATEGORY Normal
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5. AUTHORITY AND BASIS FOR ISSUANCE
This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.
Exceptions:
None

6. TERMS AND CONDITIONS
Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 81 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE OF ISSUANCE 11/23/05	FAA REPRESENTATIVE Charlie Cotton	DESIGNATION NUMBER DARF636247NM
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Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA Form 8100-2 (8-82)

U.S. GPO-2001 - 668-455



Cub Crafters

Cub Crafters, Inc. is an aircraft manufacturer based in Yakima, Washington. Founded in 1980 to build parts and STC modifications for the Piper PA-18 Super Cub, its CC18-180 Top Cub was Federal Aviation Administration certified on December 16, 2004 and remained in production in February 2017. The Top Cub is a new aircraft based on the shape and attributes of the Super Cub, but incorporating modern materials and technology.

The CC18-180 Top Cub was granted a type certificate (TC) by Transport Canada on 23 July 2008 and achieved Australian certification in August that year. In July 2015 the company announced that it had sold the TC for the CC18 to the Liaoning Cub Aircraft Corporation of China. Cub Crafters licenses the TC back to continue to produce the aircraft for the non-Chinese market. The Liaoning Cub Aircraft Corporation plans to produce the design for flight training, aerial photography, mapping, agriculture and personal use.

GARMIN GNS-430:



The standard GNS 430 features a 10-watt comm with optional WAAS navigational capabilities.

GNS 430 is an all-in-one GPS/Nav/Comm solution. It features a TSO-certified GPS, 2280-channel capacity comm and 200-channel ILS/VOR with localizer and glideslope. Traditionally it would take a host of components to provide the capabilities of this one smart box. High-speed 5 Hz processing makes navigation calculations and map redraw rates five times faster than earlier GNS series navigators.

GNS 430's 4-inch high-contrast display with brilliant colors makes it easy to read and interpret pilot-critical information. Effective use of color makes it easy to see your position relative to ground features, chart data, nav aids, flight plan routings, approach procedures and more. Conveniently scan information from wide viewing angles, even in direct sunlight.

Garmin GNS-430 WAAS Upgrade Available - See:

<https://sarasotaavionics.com/avionics/waas-upgrade>

GARMIN GTX-327:

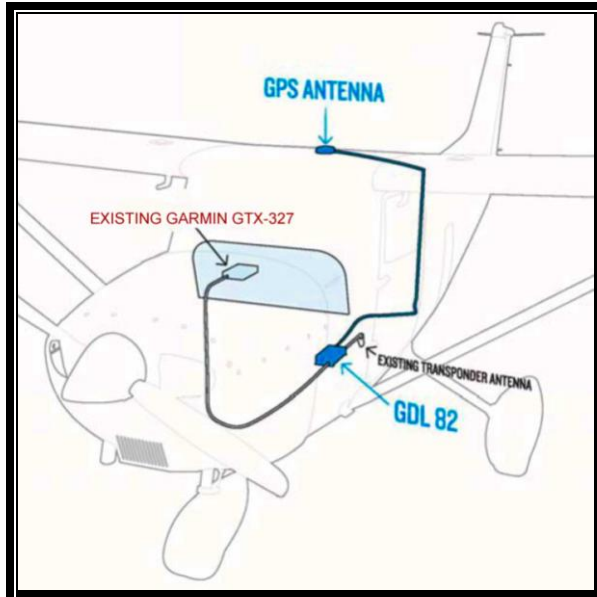


The GTX 327 is a TSO-certified Mode C digital transponder. GTX 327 features a solid state design, and with no warm up time, lower power consumption and much lower heat emissions, you'll enjoy a longer service life. It provides 200 watts nominal power output and has an easy-to-read DSTN liquid crystal display which reverses the numbers out of black for optimal viewing. An innovative keypad makes entering a squawk code a snap, and a dedicated VFR button allows for quick-and-easy VFR squawking. The GTX-327 also offers several timing and display functions, including flight time, count-up and count-down timers, as well as current pressure altitude.

ADS-B Solution: Garmin GTX-327 ADS-B Solution Using Garmin GDL-82 - \$2,289.00:

<https://sarasotaavionics.com/avionics/gdl82-gtx327-package>

Garmin GDL-82:



ATD-300 Traffic-Watch:



The **ATD-300** Traffic-Watch provides multiple capabilities that enhance the safety of flight. The ATD-300 portable traffic awareness system simultaneously gives you distance and altitude to potential conflicts for up to 5 miles. A bright LED display is easy to see, plus it provides aircraft voltage display and low voltage alarm.

"The ATD-300 senses traffic out to 5 nm. The system can track multiple targets, displaying the closest threat first."

- Bill Cox, *Plane & Pilot Magazine*

FEATURES:

- Traffic Relative Altitude Readout
- Traffic MSL Altitude
- Traffic Range Up To 5 nm
- Host Transponder Altitude/Code Readout
- Voltage Indication

- High/Low Voltage Alarm
- Bright LED 8-Character Dot Matrix Display

SPECIFICATIONS:

- Transponder Types: Mode A/C/S
- Altitude Decoding Range: -1200 to 30,700 feet MSL
- Max Range: 5nm
- Unit Weight: 10 Ounces

FAR Mode

When the left switch is in the mid position (FAR) the traffic voice warnings are initiated whenever traffic is within 3nm and less than ± 1000 ft of the host aircraft. The female voice will annunciate "Traffic". If the traffic or the host is not Mode C equipped the warning will be heard whenever the traffic is within 3nm irrelevant of the altitude difference.

NEAR Mode

When the left switch is in the upper position (NEAR) the traffic voice warnings are initiated whenever traffic is within 1nm and less than ± 500 ft of the host aircraft. The female voice will annunciate "Traffic Nearby". If the traffic or the host is not Mode C equipped the warning will be heard whenever the traffic is within 1nm irrelevant of the altitude difference.

MUTE Mode

MUTE deactivates all traffic warnings but not the voltage warnings. In the MUTE mode traffic altitude is shown as MSL altitude instead of relative altitude. This can be differentiated on the display by the lack of + or - symbol in front of the altitude number.

BRT Mode

When the right switch is set to the upper position the display is set to its maximum brightness. This mode is normally used during daylight flight.

DIM Mode

When the right switch is set to the mid position the display is set to its minimum brightness. This mode is normally used during night flight.

Davtron M800 Chronometer:



M800 Features

- 2 ¼" Internal Mount
- Two Button Control System
- Laser Engraved Faceplate
- Universal Time
- Local Time
- Elapsed Time With Countdown Timer
- Elapsed Time Alarm
- Option Audio Alarm

- Liquid Crystal Display
- Night Illumination
- Keep Alive Battery Option
- FAA-PMA Approved

E. I. Inc. Tachometer:



Overview

These Digital/Graphic Instruments are solid state and hold their accuracy over time and a range of environmental conditions. The colorful Graphic Analog display emits green, yellow, or red light enabling the pilot to spot problems immediately without interpreting a needle. The Digital display constantly provides an exact indication of each instrument function. Gauges mount in 2-1/4" instrument holes. These instruments (except fuel level) are STCd & TSOd for certificated aircraft.

R-1 Tachometer

The R-1 is a precision RPM instrument featuring a 210 degree graphic analog display and a full four-digit digital display. The 10 RPM resolution allows for precise RPM settings. The R-1 features a tach time recorder which records the time the engine is operated over 1300 RPM as well as an automatic flight timer which records the time starting when RPM reaches 2000 (takeoff) and then drops below 2000 (landings). Installation of the R-1 is simple. It connects to the mag. lead through isolator and requires no cables. It is backlit and operates on 12-24volt systems. Wt. 10 oz. Max. Digital Range 5000 RPM. Accuracy 1%. Specify red line, yellow & green arcs, and magneto models, as well as aircraft make & model.

E. I. Inc. - Ice Zone EAC-1:



EAC-1 EGT/OAT/CHT Instrument

An Engine Monitor is only as good as its probes. That's why Electronics International (EI) has taken the development of its probes, connectors, and accessories very seriously. EI has been designing and manufacturing probes for over 30 years. All of our probes have been designed in-house by our engineering team. Our team has studied, tested and designed temperature probes since the 1970's. They have written research documents such as The Pilots Manual – Leaning and Diagnosing Engine Problems and Accurate CHT Measurements. Just as an Engine Monitor is only as good as its probes, a probe is only as good as its connector. That's why EI's engineering team developed EI's proprietary OLC-1 connector. The OLC-1 connector greatly increases reliability and reduces installation errors as compared to traditional type connectors. Whether you're looking for a reliable and accurate CHT, EGT, TIT or various other probe types, EI has what you need. With more than a half million probes sold and tested you can count on EI's reliability.

Overview

The line of Electronics International digital instruments offers precise readings at exceptional prices. All gauges are accurate to 1% and are FAA-approved under STC No.1626NM.

EAC-1: Single Channel EGT/OAT/CHT Kit with Ice Zone Warning Light, 2 1/4" Mount, 2.5" Depth, 16 Oz. Kit, STCd, TSOD, PMAd, 1 Degree Resolution, Accurate within 1/2%, Viewable in direct sunlight.

E. I. Inc. - VA-1A Volts/Amps Instrument:



Overview

These Digital/Graphic Instruments are solid state and hold their accuracy over time and a range of environmental conditions. The colorful Graphic Analog display emits green, yellow, or red light enabling the pilot to spot problems immediately without interpreting a needle. The Digital display constantly provides an exact indication of each instrument function. Gauges mount in 2-1/4" instrument holes. These instruments (except fuel level) are STCd & TSOd for certificated aircraft.

VA-1A VOLTS/AMPS INTERNAL AND EXTERNAL SHUNTS

The VA-1A is a FAA/PMA approved instrument which features a discharge warning light to act as an early warning device alerting you as soon as discharging begins. This is critical in giving the pilot as much time as possible to reduce electrical load and extend the life of the battery in flight. Also, by monitoring load currents to .1 amps the pilot can check important aircraft functions such as retracts, boost pumps, transmitter power, pilot heat, navigation lights, transponder, strobes, and any other electrical equipment. Wt. 9 Oz.

E. I. Inc. Opt1 Oil Pressure And Oil Temp:



Overview

These Digital/Graphic Instruments are solid state and hold their accuracy over time and a range

of environmental conditions. The colorful Graphic Analog display emits green, yellow, or red light enabling the pilot to spot problems immediately without interpreting a needle. The Digital display constantly provides an exact indication of each instrument function. Gauges mount in 2-1/4" instrument holes. These instruments (except fuel level) are STCd & TSOd for certificated aircraft.

OPT-1 Oil Temperature/Pressure

The OPT-1 is a dual instrument which features dual 90 degree graphic analog displays. Select to view pressure or temperature on the digital display using the toggle switch on the front panel. OPT-1 measure to 1 PSI and oil temperature to 1°F on the digital display. It incorporates an external pressure transducer and temperature probe that are mounted in the engine compartment. The instrument is backlit for night operation and operates on 12 or 24V system. Oil pressure range is 25-100 PSI and oil temp. range is 65°-240°F. Wt. 22 oz.

Aero-Lites SunSetter Plus SSL Series Cree LED Taxi & Landing Lights:



High performance LED PAR36 CREE Sealed Beam replacement Lamps. The PAR36 **SS-L** model is the optimum LED replacement for 100-150watt filament/halogen PAR36 glass sealed beam lamps featuring a focused 10° beam divergence angle. The light output (2,100 lumens) is consistent with the output of 150-watt filament lamps, but requires only 22-watts of power which allows the lamp to be a suitable electrical replacement for even the lowest wattage sealed beam bulbs which can increase your usable light by a factor of 5X's and still require less power, and a design life exceeding 10,000 hours.

Garmin Aera 560 Map Display:



The Total Navigation Package

- 4.3-Inch Touchscreen Display

- Fast 5 Hz GPS Refresh Rate
- High-Resolution Map Display
- SiriusXM Satellite Weather Support
- Advanced Street Navigation From the Air

Top of the Line

The 560 is the most feature-rich navigator in the Aera lineup. It combines a more advanced list of piloting capabilities with higher-resolution 9 arc-second terrain/obstacle graphics that yield more than 11 times the onscreen resolution than the standard 30 arc-second versions.

The internal GPS updates at a rate of 5 times per second (5 Hz), which allows your moving map and flight data to display smoothly and continuously. Optional SiriusXM Satellite Weather lets you reference detailed NEXRAD imaging and METARs data, as well as current reports on precipitation, lightning, winds aloft, airport terminal forecasts and more. Weather graphics can be overlaid on the moving-map display. Optional SiriusXM Satellite Radio gives you more than 170 channels of digital audio entertainment (XM subscription required).

“Mini-MFD” with Preloaded Mapping

The Aera 560 comes fully preloaded with detailed flight mapping, terrain/obstacles alerting, U.S., European and Canadian SafeTaxi® charts, and AOPA Airport Directory data for a wealth of information resources at your fingertips. The graphical Terrain page offers both overhead and vertical profile views of the topography beneath you. Switch to IFR map mode to display and navigate on high or low enroute airways — while using your touchscreen map cursor to reference MEAs (Minimum Enroute Altitudes) and distances between intersections. Stay aware of special airspace activity with more than 683 parachute drop zone details in the Americas navigation database. Use the aera to load communication frequencies into your Garmin SL 40 Comm.



ACK E-04 121.5/406 MHz ELT w/Remote Panel Switch:



Dual Whelen Overhead Adjustable Red Panel/Fuel Illumination Lights:



APRIL 2020 ANNUAL - LOG ENTRIES:

Station	TSMOH	Description of Maintenance
		Inspections, AD's, SB's, Installations, Modifications, etc.
 <p>N: <u>65NC</u> Tach: <u>2917.8</u> HM/TT: <u>925.0</u> TSMOH</p> <p>4/15/2020</p> <ol style="list-style-type: none"> 1) Aircraft engine and propeller inspected in accordance with FAR part 43 appendix (D) 2) Compression test: (1) <u>20/80</u> (2) <u>26/80</u> (3) <u>28/80</u> (4) <u>27/80</u> (5) <u>28/80</u> 3) See FAA Airworthiness Directive Compliance Record dated <u>4/15/2020</u> or later for current status, next due date and time. <p>"I certify that this aircraft engine and propeller has been inspected in accordance with an Annual/100hr inspection and was determined to be in airworthy condition."</p> <p><u>[Signature]</u> 4/15/2020</p> <p>Lynn R Mace AP 3118643 IA</p>		
 <p>N: <u>65NC</u> Tach: <u>2917.8</u> HM/TT: <u>2917.8</u></p> <p>4/15/2020</p> <ol style="list-style-type: none"> 1) Aircraft inspected in accordance with FAR part 43 appendix (D) 2) ELT system inspected and tested IAW FAR 91.207 (d). Battery replacement due <u>5/31/23</u> 3) See FAA Airworthiness Directive Compliance Record dated <u>4/15/20</u> or later for current status, next due date and time. <p>"I certify that this aircraft has been inspected in accordance with an Annual/100hr inspection and was determined to be in airworthy condition."</p> <p><u>[Signature]</u> 4/15/2020</p> <p>Lynn R Mace AP 3118643 IA</p> <p>* See ICA/Airworthiness limitations for Life Limits</p>		

2008 - DEER ON RUNWAY COLLISION - REPAIR:

speedbird AVIATION
3566 Morganton-Lenoir Airport
Telephone: 828/757-0099
www.speedbirdaviation.com

Reg: **N65NC**
S/N: **CC18-0009**
A/C TT: **570.0**

Mod: **CC18-180**
Tach: **570.0**

Aircraft inspected after prop strike incident with deer on runway. Engine mount re-installed after Insp. by Kosola Assoc.—No damage noted. (Reference Kosola w.o. no. 34951.) Engine re-installed after teardown inspection by Triad Aviation. (Reference Triad w.o. no. 17051.) See Engine log for details. Installed new Sensenich 76EM8-0-56 prop, S/N 100495K. Installed new prop spinner assy. Replaced both lower boot cowl re-inforcement brackets. Replaced lower cowl air scoop assy. Replaced engine air filter and dome. Aircraft released for service.

[Signature] 1/25/2008
Rick Gardner
AP 3146802 IA

AUGUST 2014 ENGINE OVERHAUL AT 1,998 TTF:

TRIAD AVIATION, Inc. certifies that this engine has been disassembled, inspected, and overhauled to manufacturer's overhaul manual new limits. Engine tested in accordance with recommended procedures and is approved for return to service. All applicable A.D. Notes are complied with at the time of overhaul. Pertinent details of this work are on file at this repair station under work order # 21415 DATE 08/28/2014

MAKE Lycoming MODEL O-360-C4P
S/N L-40322-36A TOTAL TIME 1998.3
TSMOH 0.0 TBO 2000

Triad Aviation, Inc.
FAA Repair Station #PP4R448M
3439 South Aviation Drive
Burlington, NC 27215
336-227-1467

[Signature]
Authorized Signature

Test ran Lycoming O-360-C4P engine S/N L-40322-36A for 2 Hours 15 minutes, RPM 2700, oil pressure 82 lbs, oil temperature 180 degrees, CHT 328. Mag check at 2100 RPM, L 100 RPM, R 100 RPM. Compression test cylinder #1 77/80 #2 78/80 #3 76/80 #4 77/80. This engine and/or component is approved for return to service. All pertinent details on file this repair station: TRIAD AVIATION, INC. FAA REPAIR STATION# PP4R448M. WO# 21415
Signed: [Signature] Date: 08/28/2014

Triad Aviation, Inc.
FAA Repair Station #PP4R448M
3439 South Aviation Drive
Burlington, NC 27215
Telephone (336) 227-1467

828-437-9834
EMAIL: info@triadaviation.com
CELL: 336-227-1467
MAKE: Lycoming
MODEL: O-360-C4P
REGISTRATION NO.: L-40322-36A
SERIAL NO.: L-40322-36A

WORK ORDER NO. **21415**
DATE: 7/29/2014
WRITTEN BY: MSJ
P.O. NO.:
TACHOMETER:

INSTRUCTIONS/WORK DESCRIPTION
Overhaul Lycoming O-360-C4P engine serial number L-40322-36A.
Overhauled and test ran.
Cams/Shaft: P/N LW-11754 repaired by AS w/ 226398
Cylinders: (4) 03K21104 new from Lycoming lot# MS-444900
Ignition Kit: Slick new P/N K4525-37BY magneto (2) P/N 4371 S/N 14061191 S/N 14061196
Carburetor: P/N 10-3878 S/N MS978908 overhauled by MS w/ 9789
CW AD 96-09-10 C To prevent oil pump failure due to impeller failure CW per SB 524
installed gears P/N LW-18109 and LW-18110 CW AD 2004-10-14 C To prevent loosening or failure of the crankshaft gear retaining bolt CW per SB 475C

YEAR 2014	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.)
9-12	19983	✓	19983	Re-install engine after O/H by H&H made, see new engine log this date The following Repairs & maintenance 1- Replace shock cords all ucu 1280AD 2- Re-car M/G Gear legs per ccsmn & factory instructions and paint recommendations 3- O/H brakes w/ all new 16-106 linings flush, purge and bleed system. 4- Re-pack all wheel bearings. 5- New tail wheel tire and new M/G tires & Tube 6- New pilots seat back top satin

YEAR 2014	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.)
9-12	19983	✓	19983	7- Install new 315 CC Vacuum pump 8- Install New Battery SBS-516 9- Sand and repaint Rod on spinner cap top & bottom w/ Acry-Glo flight red 10- Repair elevator trim indicator 11- Repair wiring connectors on EGT/CHT 12- Re-install M/G legs & bearings w/ ne hardware A/R. & 13- Ground run, Taxi test OK 2h m AP 3118643

2015 LOG ENTRY ENGINE & PROP REPAIR DUE TO DEER ON RUNWAY - AVOIDANCE - NOSE-OVER:

YE	Sparkchasers Aircraft Services, Inc.	3223-C Swift Creek Rd. (JNX)	Smithfield, NC 27577	(919) 934-1654
January 15, 2015	N65NC	Tach: 2161.4	Cub Crafters, Inc. CC18-180	ACS: CC18-0009
Work Order No. 50422				Airframe Log Entry
Removed Lycoming engine Model No. O-360-CAP, Serial No. L-40322-36A and Sensenich Propeller Model No. 76EM8-O-56, Serial No. 100495K from this aircraft for prop strike inspection.				AP 2730963
Sparkchasers Aircraft Services, Inc.	3223-C Swift Creek Rd. (JNX)	Smithfield, NC 27577	(919) 934-1654	
January 15, 2015	N65NC	Tach and ACTT: 2161.4	Cub Crafters, Inc. CC18-180	ACS: CC18-0009
Work Order No. 50422				Airframe Log Entry
Installed Lycoming engine Model No. O-360-CAP, Serial No. L-40322-36A back on this aircraft after being repaired by Triad Aviation, Inc.				
Installed overhauled Sensenich Propeller Model No. 76EM8-O-57, Serial No. 23923K on this aircraft from H & H Propeller Service.				
Removed and installed engine mount, P/N: 12351-15, S/N: 166322, after being repaired by Aerospace Welding Minneapolis, Inc., see FAA 8130-3 form with W.O. No. 166322, dated 23 Oct 2015.				
Ground run operational and leak checks were performed in accordance with Lycoming SI 1427C, adjusted idle/mixture for 25 rpm rise and idle to 650 rpm, no leaks noted at this time.				
Work performed in accordance with CC18-180 Maintenance Manual and Lycoming O-360 Overhaul Manual.				
Aircraft approved for return to service on work performed.				AP 3653045

Sparkchasers Aircraft Services, Inc.	3223-C Swift Creek Rd. (JNX)	Smithfield, NC 27577	(919) 934-1654
January 15, 2015	N65NC	Tach and ACTT: 2161.4	Cub Crafters, Inc. CC18-180
Work Order No. 50422		EngTT: 2161.4	ACS: CC18-0009
Installed Lycoming engine Model No. O-360-CAP, Serial No. L-40322-36A back on this aircraft after being repaired by Triad Aviation, Inc.		EngSMOH: 167.6	Engine Log Entry
Installed Tempest AA48108-2 oil filter and serviced engine with 8 Qts of Aeroshell 100 Mineral oil.			
Ground run operational and leak checks were performed in accordance with Lycoming SI 1427C, adjusted idle/mixture for 25 rpm rise and idle to 650 rpm, no leaks noted at this time.			
Work performed in accordance with CC18-180 Maintenance Manual and Lycoming O-360 Overhaul Manual.			
Aircraft approved for return to service on work performed.			AP 3653045

#2 CYLINDER REPLACED MAY 2018 AT 2,315 TT:

5-4-18	2315.6			Remove #2 cyl and replace w/ Millennium SL36006N-A20P kit ground run and ops test. Work performed JAW Lycoming overhaul manual and Superior LO4-01 JAW AP 311843
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OCTOBER 2019 CYLINDER REPAIR - \$4,654.34:

Triad Aviation, Inc.
FAA Repair Station #PP4R448M
 3439 South Aviation Drive
 Burlington, NC 27215
 Telephone (336) 227-1467

AME NC WILDLIFE
 DDRESS 2615 OLD MORGANTON RD.
 LENOIR, NC 28645

919-922-5009	INVOICE / WORK ORDER
FAX	NO.25124
CELL	
MAKE LYCOMING	DATE 10/1/2019
MODEL O-360-C4P	WRITTEN BY B.M.B.
REGISTRATION NO.	P.O. NO.
SERIAL NO.	TACHOMETER

INSTRUCTIONS/WORK DESCRIPTION	
Repair As Needed (3) Lycoming O-360-C4P Cylinders P/N LW 12427. Repaired As Needed (3) Lycoming O-360-C4P Cylinders P/N LW 12427. Cleaned, inspected, honed barrel, refaced seats and valves, lapped and leak checked o.k.	BASE 3,000.00
Repair As Needed (1) Superior O-360-C4P Cylinder P/N SL36006W-A1 S/N 366W-D18-21287. Repaired As Needed (1) Superior O-360-C4P Cylinder P/N SL36006W-A1 S/N 366W-D18-21287. Cleaned, inspected, honed barrel, leak checked o.k.	
This engine and/or component is approved for return to service. All pertinent details on file this repair station. TRIAD AVIATION, INC. FAA REPAIR STATION # PP4R448M. Signed: <i>[Signature]</i> Date: 10-01-2019	

Shop Order: 25116		Opened: 9/24/2019	
Department: Aircraft Division		Closed:	
Sold To: NC Wildlife Resources Commission 1717 MSC Raleigh, NC 27699 Ship To: NC Wildlife Resources Commission			
Aircraft Number: N65NC	Type: CC18-180	S/N: CC18-0009	
Total Time: 744.6	Hobbs Time: 0.0	Tach Time: 744.6	LG Cycles:
Eng# Type S/N	Time Cycles	Prop Type	Prop S/N
1 O-360-C4P L-40322-36A			
Discrepancy: 1			
Discrepancy: Engine oil leak.			
Corrective Action: Troubleshoot engine oil leak; found #2 cylinder upper through bolt seeping oil. Removed bolt and installed new Lycoming through bolt (p/n: 86220-P01). Removed all lower cylinder hold down studs, cleaned and reinstalled with Loc-tite. Run up leak check good; see Discrepancy # 2.			
Part Number	Description	Credit	Quantity Units Unit Price Extended
76220-P01	Stud-.500-20 X 10.70 Long		1.00 Each 194.00\$ 194.00
		Total For This Discrepancy: \$ 194.00	
Discrepancy: 2			
Discrepancy: All engine cylinders are glazed and full of oil.			
Corrective Action: Removed all 4 cylinders. Reinstalled cylinder #2 (Superior p/n: SL36006W-A1, s/n: 366W-D18-21287) after repair. Installed 3 Lycoming cylinders (p/n: LW12427) after repair. All 4 cylinder repairs performed by Triad Aviation, Inc., ref WO# 25124, date: 10-01-2019.			
Charges This Item:		14.00 Hours @ 98.00 \$ 1,372.00	
Part Number	Description	Credit	Quantity Units Unit Price Extended
AEROSHELL 100	Oil, Aeroshell SAE 50 Mineral		8.00 Quart 7.98\$ 63.84
CH48108-1	Filter, Oil		1.00 Each 24.50\$ 24.50
		Total For This Discrepancy: \$ 1,460.34	
Summary:			
Total Parts: \$ 218.50		Total Oil: \$ 63.84	
Total Labor - 14.00 Hours: \$ 1,372.00			
Totals:			
SubTotal:		\$ 1,654.34	
Total Charges:		\$ 1,654.34	
Amount Remaining:		\$ 1,654.34	



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The preceding preliminary information is for discussion purposes only, is subject to verification by purchaser, is subject to change without notice, and is not to be considered a representation of this aircraft. Interested parties should rely upon their own inspection of the aircraft and its records. Aircraft is offered subject to prior sale or withdrawal from market.