

Item# 1070



*Hi Max
Subalite*

Made in Brazil
CPP Int'l, LLC • Charlotte, NC 28241



1 Subject Notebook

Materia/Cuaderno

70 SHEETS / HOJAS • WIDE RULED / RAYADO ANGOSTO
10.5 in x 8 in (26.6 cm x 20.3)

Hi Max

If you loose battery while engine is running the engine will run on alternator.

(Warp Drive, 3 Blade prop.
54" H 6419 tel. 515-357-6000

Hi - Max

MEASUREMENTS: 27' wingtip to wingtip
17' Nose to tail
7 1/2' W Tail Stabilizer
64" High at tail
70" High at Nose

Wheel/Tires: 15" DIA.
(4.80 X 4 X 8)

12"

25 Dec 09

Subalite

1 Jan 10

- ✓ Radiator water OK
- ✓ Added $\frac{1}{2}$ Pint oil To engine 10W 30
- ✓ Charged battery overnite & installed in A/C
- ✓ Put air in both main Tires 15 PSI
- ✓ Check Tail wheel & air Tire (50 PSI & greased)
- ✓ Check Main Landing gear OK
- ✓ Check Brakes Oil cable end & fittings
- ✓ Check Radiator & Hoses - OK Check again after
- ✓ run up checked out OK
- ✓ Replaced ^{All} Fuel lines going to filter & carb. 1 Jan 10
- ✓ Check Flight controls - adjusted Rudder Trim tab
- ✓ Ailerons - Tighten back not rt aileron control arm
- ✓ outside (tightened) 1 Jan 10
- ✓ Elevator - oiled hinges & checked control
- ✓ arm & oiled ends
- ✓ Rudder. Oiled hinges & cable ends
- Did Fuel Flow Test LT. tank 1 gal @ 3.54 Min = 16.9 GPH
RT. tank 1 gal @ 3.25 Min = 18.5 GPH
- ✓ Wing Struts - Remove wing covers & inspected
- ✓ left - upper & lower ends Right - upper & lower ends
- ✓ where attached (OK) where attached OK
- ✓ Check engine compartment - tightened oil pan bolts
- ✓ ALT. charging OK Carb. & Throttle - Oiled Throttle
- ✓ Exhaust Pipes are OK, Need paint (Painted RTA 1 Jan 10)
- ✓ Wash Aircraft - 7 Jan 10
- ✓ Run up engine & Test everything
- ✓ Engine Run up OK (Volt gauge 14V) Oil press 55 PSI
- ✓ RPM'S OK 7 Jan 10 OK

3 Feb 10 Repacked Left & right side wheel
bearings & aired tires to 15 lbs
hook up battery

(Note) Do everything that was done 1 Jan 2010
30 March 2011
G

$$2 \times 1\frac{1}{2}" \times 6" \text{ sec.} = 15" \quad \left(1\frac{1}{2}" \right)$$

$$1. 33" \text{ Standpipe } 1\frac{1}{2}" = 15"$$

Jan 2011 Check right tire air press
 Jan 2011 Replaced valve core & installed new one
 Jan 2011 Installed new tube

Subalite 30 March 2011
 Before Flight

1. Install new spark plugs
 2. Replace air filter & fuel filter
 3. Fuel aircraft and bleed fuel line at carburetor.
 4. Check 4 air tires
 5. Do everything that was done 7 Jan 2010
- Left Quik drain leaking
 This L Quik drain had a new
 O-ring seal installed Dec 2011

Dana
 30 March 2011

Dec 1010

Subalite

- 1 Check Landing gear & checked all nuts & bolts for Tightness including wing struts at gear attachment & wing attachment inside & outside of wings & fuselage
 - 2 Replaced tube in rt wheel & aired both sides to 15 PSI
 - 3 Wheel bearings are OK
 - 4 Fuel filter was changed 10 Feb 10
 - 5 Added 1 cup of motor oil
 - 6 Checked oil level
 - 7 Checked fuel level
 - 8 Checked battery, charger & fuel pump
 - 9 Pressured the wheels 40 PSI & Aired
 - 10 Checked the tires
 - 11 Press cleaned radiator with water
 - 12 Oiled all moving parts Wings, rudder, elevator, tail wheel.
 - 14 Ran up engine, primed & started with First flip. Oil press 60 PSI Temp 170° Charging 14 Volts & checked for leaks after shut down.
- Washed Aircraft (Rita & Dana)
"Go flying"

Dana

6 Jan 2011

Replaced Oiling

right wing fuel tank back drain

Hi-Max

Washed airplane 19 Dec 2011

Page 1 of 2

1. Inspected ^{First} upper wing struts rear & front and lower wing struts rear & front fittings Left wing and Right wing. Found all fittings, nuts & bolts all OK
2. Inspected Main landing gear braces, Axle, & fitting Left & right everything OK
- ? 3. Brakes inspected Left & Right and the brake lever in cockpit. OK Tires both 15 PSI
4. Wheel bearing have been greased OK
5. Radiator was cleaned with degrease cleaner and cleaned with water hose
6. Tail wheel inspected OK 40 PSI
7. Checked engine compartment Oil level OK, Water level OK, No oil leaks, Fan belt is new last year everything looks OK
8. Check Ailerons & controls - Oiled fittings & OK Travel Replaced oil seal left wing drain
9. Check elevator & controls Oiled all fittings and checked Travel OK
10. Check rudder & controls Oiled rudder pedals & checked Travel OK
11. Hook up battery & charge if it needs charging
12. Run up Engine Batsw. on was 11 1/2 Volts before start up (Charging) 14v
Oil press - ~~55~~ 55
Temp - 180°
RPM at Idle ~~550~~ 550 Full open 2810

Hi-Max

6 Jan 2012

Page 2012

Changed propeller pitch 1° so as to
get more RPM with Aircraft Tied
down

Full throttle before pitch change 2810 RPM

Full throttle after 1° pitch change 2910 RPM
Difference of 100 RPM

Idle speed 540 RPM

Volts 13.5

Amp 10

Water temp 150°

Oil press 60 PSI

Hobbs meter 191.4 hrs

Dana & Rita

Flew A/c 7 Jan 12 } Tachometer is erratic reading
Fixed the fuse connector 9 Jan 2012 D

Oil pressure 15 PSI 8 March 2013 E

Tack 194.6 3.2 hrs Flex Sublite 8 March 13 D

Hi-Max
Davis Field Ga
Hangar No 2

20 December 2012

Uncovered A/c & removed blocks
under axle's D & R

1 Aired Main Tires To 16 PSI D

2 Aired Tail wheel To 40 PSI D

3 Drained oil from engine D

4 Removed old filter & replaced with new oil filter
& added 4 qts synthetic oil ^{Wal Mart} Super Tech 10-30

Note Oil stick shows full at Low mark ("L") when
A/c is on its Tail wheel. D

5 Remove spark plugs, cleaned & reinstalled they
have 1 Hr on them at this time D

6 Checked water level OK D

7 Hooked up Battery IT read 11 volts so put
a 2 Amp charger on it for 1 Hr To 12 Volts D

8 Put 2 1/2 gal Fuel in left Wing & checked
for leaks, Disconnected fuel line at Carb.
to bleed air out OK D

5 Jan 2013

Hobbs Meter Reading (^{Start} 193.5) (^{Stop} 196.5)
"Ran Engine (with Tail Tied)"

Battery with svr on Bat with engine running Volts

Amp Meter - 10 Amp Volts 13

Idle speed - Oil press - 60

Water Temp -

Full Throttle RPM - 3000

9. Remove ground on battery while engine is running to see if it
will keep running with Alternator. ✓ IT in

Hi-Max

Dec. 2013

Hobb 196.5

- 1 Aired Main Tires 16 PSI Tail Wheel 33^{lbs?}
- 2 Checked engine Oil - OK &
- 3 Checked radiator fluid - OK &
- 4 Alt Belt, Like new & OK
- 5 New Carb air filter
- 6 Air scoop for radiator is Clear &
- 7 Inspected Prop. OK &
- 8 Inspected exhaust pipes OK &
- 9 Wheels & brakes. OK &

10 Ran up engine 26 Jan 2014 Oil press 60
Temp 180 Charging 14 Volts

- Note
- 11 Check & Make sure Plugs are Torqued OK
LT-Full RT-4gal Fuel
 - 12 Check battery

H₁ Max
"Subalite"

Dec 2014 & 2015 (✓ marks)

2015
Dec 15

- ✓1 Main Tires 16 PSI Tail wheel tire 40 PSI
 - ✓2 Check eng oil OK
 - ✓3 Check Radiator fluid OK
 - ✓4 CK ALT Belt OK
 - ✓5 ALT ~~Belt~~ & wires OK
 - ✓6 Carb air Filter Clean
 - ✓7 Check Prop. is OK Compression is OK
 - ✓8 Inspect exhaust pipes OK
 - ✓9 Check wheels & brakes OK
 - Replaced ✓10 Check Wheel bearings OK
 - ✓11 Inspect Throttle cable & fittings OK
 - ✓12 Check fuel lines & shut off valves OK
 - ✓13 Inspect fuel filter. (New filter 1 Jan 15)
 - Recharged ✓14 Check battery was 11.9V had to charge OK
 - ✓15 Bleed air in fuel system Yes OK &
 - ✓16 Checked eng mount & fittings OK
 - ✓17 Torque spark plugs Done OK &
 - ✓18 Do a run up ? OK Dec 2015
- Battery Voltage meter 14V Amps 10
Idle speed 730 Oil press 60 PSI
Water Temp 180 155
Full Throttle RPM 2900

few Jan 17 2015 for 1st 2 min &

Subalite

1 JAN 2017

- 1 Main Tires 16 PSI Tail wheel 40 PSI
 - 2 Check eng oil Full
 - 3 Check Radiator Full
 - 4 Check ALT Belt OK
 - 5 Check Plug wires & Eng wires OK
 - 6 Check Carb. Air Filter OK
 - 7 Check Fuel filter New 1 Jan 2015
 - 8 Check prop & Compression
 - 9 Inspect exhaust pipes OK
 - 10 Inspect Wheels & Brakes OK
 - 11 Check wheel bearings OK
 - 12 Check Throttle cable & fittings OK
 - 13 Check Battery (was 11V) Charged Battery OK
 - 14 Bleed air from Fuel line Done
 - 15 Check engine mounts & fittings OK
 - 16 Torque spark plugs & check wires OK
 - 17 Remove Foam from Radiator & Inspect Done
 - 18 Check all FLT Controls OK Done
- Do a run up

Battery voltage 14 Amps 10

Idle speed 650 RPM Oil press 60

Water temp 150 °1000 RPM Oil press 55

Full Throttle R.P.M. 2950 Static OK

Champion Plugs #3405 Done

Repaired Carb filter & Ran engine 3000 RPM static
"G-A-F-I-V" OK Done

Subalite

Dec 2017

- ✓1 Main Tires 16 PSI
- ✓2 Check engine oil
- ✓3 Check Radiator Fluid (Added $\frac{3}{4}$ cup)
- ✓4 Check ALT Belt
- ✓5 Check Plug wires & engine wires
- ✓6 Check Carb Air Filter
- ✓7 Check Fuel Filter & check Fuel Caps ✓
- ✓8 Check Prop & Compression
- ✓9 Inspect exhaust Pipes
- ✓10 Inspect wheel & brakes
- ✓11 Check wheel bearings
- ✓12 Check Throttle cable & fittings
- ✓13 Check Battery Volts
- ✓14 Bleed Air from Fuel line
- ✓15 Check engine mounts & fittings
- ✓16 Torque spark Plugs 250 ^{inch lbs}
- ✓17 Remove Foam from front Radiator
- 18 Check All Flight Controls

Do A Run up

Bat Volts 14

Amps 10

Idle speed 650 RPM

Oil Press 59

Water Temp 150

Full Throttle RPM

3000 RPM static

"Good Luck"

Traffic

Walton Co Monroe Traffic

H. MAX ultralight crossing Active

will be Taxing on Taxiway

Walton Co

Beginners hrs : Hi-Max

10/7/19 * Syc - Pre-flight Test + Taxi
08/7/19 * 1st Taxi to Rodney's
08/08/19 Taxi runway
08/10/19 Taxi runway
03/11/19 Taxi Runway - back end lost.
3/12/19 Taxi Runway - grass test
3/13/19 Taxi Runway - some grass
5/15/19 Taxi pk lot -

-202 hrs
- 1 hr. - 203
- " " - 203
- 1 hr (204.2)
- 1 hr. (205.4)
- 1 hr. (206.2)
- 1 hr (207.0)
- .30 (207.5)
- 1 hr. (209.3)