



Light Sport Repair E-Flyer

Check out our new lower prices on our online store:

<http://www.lightsportrepair.com/products.htm>

We carry Pennzoil 2 cycle air cooled engine oil

JULY 15, 2009

NUMBER 11

150/300 582 ENGINE COURSE

(C65) Light Sport Repair Services, Inc.

10/23/09 – 5:00-9:00 pm
10/24/09 – 8:00–5:00 pm
10/25/09 - 8:00–5:00 pm

Many pilots have expressed an interest in learning how to do a 150/300 hr engine inspection. We have schedule a class

We will teach you how to tear down and inspect your 2-stroke Rotax 582 engine. The inspection will include the ignition system, cooling system, lubrication system, carburetion and the gearbox. You will be learning how to disassemble, clean, inspect and reassemble your Rotax 582 with new gaskets and seals. The 300 hour inspection will teach you how to also install a new crankshaft, new pistons, rings, wrist pins, rotary valve shaft, rotary valve shaft gear and bearings.

If you would like to attend the course please call for details (574)948-0065
Or email us at:
services@lightsportrepair.com

You can bring your engine to the course and we will have all of the parts that you will need to do either the 150 hour or the 300 hour inspection.

CERTIFIED TRAINING FOR ROTAX SERVICE WORK

Light Sport Aircraft owners keep asking the question; where can I find a certified mechanic to work on my airframe and powerplant? There is a lot of confusion concerning the issue on how to maintain the engine on your Special Light Sport Aircraft and who is certified to sign your log book.

The FAA intervened into the world of Ultra Lights and made a new category of aircraft and brought many changes to the industry. “Experimental Light Sport (E-LSA) and Special Light Sport (S-LSA)”. While *most* service on an Experimental Light Sport (E-LSA) aircraft can be performed by the owner of the aircraft; with the exception being the Annual and the 100 hour inspection. The owner of the aircraft can perform the annual inspection if he or she has taken the 16 hour Repairman Inspection course and has been certified by the FAA to perform the annual inspection. The 100 hour inspection must be performed on an aircraft used for training and can only be performed by a LSRM or a *qualified* A&P. If you do not have that certification you need to take your aircraft to a certified Light Sport Repairman Maintenance or a *qualified* airframe and powerplant mechanic.

The Special Light Sport (S-SLA) class does require specialized training and credentials for Airframe and Powerplant maintenance. The airframe maintenance is controlled by the manufacturer of each specific S-SLA and it will be detailed in the maintenance manual you received with your S-SLA.

The Powerplant or engine maintenance is tightly controlled by the engine manufacturer and can only be performed by those Light Sport Repairman Maintenance (LSRM) and A&P’s that have been trained by the engine manufacturer to perform powerplant maintenance. *For example*; to perform engine work on any Rotax engine requires the Light Sport Repairman Maintenance rating (LSRM) or Airframe and Powerplant (A&P) mechanic to have a certificate from Rotax for each specific engine type and level (Service, line & heavy). They must be certified on a 2 stroke engine to perform work on the 447’s, 503’s, 582’s, etc. To perform work on the Rotax 4 stroke engine (912 80 or 100 HP) they must be certified by Rotax on 4-stroke engines.



**PARACHUTE
AIRWORTHY INSPECTION
& REPAIRS ON SITE**
\$125.00

Includes a series of tests to determine airworthiness. The result of this inspection is a document recording the pass/fail of each test performed. We test & record the fabric porosity, line strength, fabric rip strength, attachment points, seams, line trim and more. During the inspection we also record any physical damage that we recommend for repair & provide an estimate.

**16 Hr ELSA
Courses Seats
available**

**08/22 – 08/23, 2009
PPC-Plymouth, IN**

**08/29 – 08/30, 2009
Airplane
Bolingbrook, IL**

**09/19 – 09/20, 2009
Airplane – Plymouth, IN**

**For Details Visit us at:
www.lightsportrepair.com**

**We will travel to
your location to
teach the 16 hr
ELSA course for
Airplane or Powered
Parachute.**

PRE-OWNED PPC'S http://www.lightsportrepair.com/for_sale.htm



**PRICE REDUCED
N numbered 2001 Buckeye Skyhawk \$10,500
Or Best Offer**

2 seat 230 hours, Neon Yellow w/black trim & Seats -Electric Start, 6 Blade Ivo Prop, Radiator Louvers, Disc Brakes, Saddle Bags, -Glide Shield, Rotax 582 Blue Head **MAKE OFFER**



N Numbered 2003 Summit PPC - \$10,500

13.7 hrs Total Time Since New, -65 hp Rotax 582(Bluehead) with E-Drive (Electric Start),-ASAP Mustang S-500 Parachute, 10 gallon fuel tank, - Strobe Light, Ceramic Coated Exhaust, -Taskem EFI instruments



**Buckeye Dream Machine with Open Trailer
\$8500.00**

- 2 Seat Very Clean Unit - 582 Gray head Mod 90
- 32.3 TSN Hours - Electric Start (E-Drive)
- PD 500 parachute - Red White & Blue
- 62" 3 Blade IVO Prop - N numbered - N6164A



503 Rotax with electric start
123 hrs. 2-seat
Excellent Condition
Dual Comtronics helmets
\$6,000 or Best Offer

Light Sport News and Events

**10 DAY SPORT PILOT
TRAINING CENTER**
now open at the
Plymouth, IN Airport
(C65)

**1ST ANNUAL MICHIANA
FLY-IN**
AUGUST 8-9, 2009
(C65) Plymouth, IN

*Come in on Friday the 7th &
camp at the airport for a
weekend of flying & fun.
Engine seminars, lots of
prizes with the raffle ticket
proceeds going to the
Boys & Girls Club
(574)948-0065*

On to Oshkosh Fly-in
July 21 - 22

Land on one of the
longest grass runways in
the US, a great stop on
the way to Oshkosh. All
aircraft welcome,
featuring vintage aircraft
Bus tours to the nearby
Wilber Wright birthplace.

Contact: Marvin
Stohler
charger116@aol.com
765-489-4292

Trikefest 2009

Cushing Field Airport,
OC8,
Located on Illinois Rt.71
- 1.5 miles southwest of
Newark, IL, USA
July 24, 25, 26, 2009
**Mike at (630) 879-6568 or
michaelhudetz@comcast.net**

<http://www.lightsportrepair.com/catalog.htm>

If you don't see it here or in our store, just ask

BR8ES Spark Plugs	On sale now	\$2.00
BR8ES (Box of 10)		\$19.00
NGK Spark Plug Caps		\$ 3.00
Fuel and Primer Line		\$0.55/ft
Pulse Line		\$1.50/ft
Fuel Primer		\$10.50
Fuel/Oil Filters		\$1.75
Air Filter Service Kit		\$14.00
Mikuni Fuel Pump Rebuild Kit (OEM)		\$14.95
Stainless Steel Exhaust Clamps		\$39.00
K&N Air Filter Single (All 36mm)		\$28.54
K&N Air Filter Dual (All 36mm)		\$47.00

Tune Up Kit \$40.00

**4 Spark Plugs, Fuel & Oil Filter & tee
10 foot Fuel Line with 15 clamps
10 foot Primer Line with 8 clamps
15 inches Impulse Line & 1 Primer**

ICOM-A14 \$235.00



Patch Cords and Push to talks cables for
Radios and Intercom
\$85-\$110