



*The Standard*

# **AIRCRAFT LOG**

**ASA-SA-1**

# **Craft Record** General Information

Manufacturer TL ULTRALIGHT, SRO Model STINGSPORT  
I TLUSA134 Registration Number N8778N  
of Manufacture 4-14-06

## ne(s) currently installed:

Manufacturer ROTAX Model 912ULS Serial 564 5712  
Manufacturer Ø Model Ø Serial Ø

## eller(s) currently installed:

Manufacturer WOODCOMP, SRO Model SR200  
Model NT185 Serial \_\_\_\_\_ Serial \_\_\_\_\_  
le Model A Serial B Serial C Serial \_\_\_\_\_  
de Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

[illegible][illegible]



| YEAR: | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|-------|---------------------------|-------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2006  |                           |                   |                             |                                                                                                                                                                                                                |
| DATE  |                           |                   |                             |                                                                                                                                                                                                                |
| 7/15  | 24:58                     |                   | 24:58                       | Complied with 25 hr Inspection<br>TAW The Manufacturer maintenance and<br>Inspection procedures and Aircraft was<br>found to be in condition for safe<br>operation at this time                                |

On the date of the initial airworthiness inspection, 05/17/06 aircraft TLUSA134-N8778N pitot/static; transponder/mode C systems were satisfactorily functional checked in accordance with the manufacturer's maintenance and inspection procedures. Next Due 05/31/08

Mark Miller, Director of Operations  
Mark Miller

A.P. 240114478  
Timothy O'Neil

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|-------|---------------------------|-------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2006  |                           |                   |                             |                                                                                                                                                                                                                |
| DATE  |                           |                   |                             |                                                                                                                                                                                                                |
| 10/30 | 48:05                     |                   | 62:4                        | Complied with 50 hr Inspection TAW<br>The manufacturer maintenance and Inspection<br>procedures and Aircraft was found to be<br>in condition for safe flight at this time                                      |

A.P. 240114478  
Timothy O'Neil



| YEAR:<br>2008 | RECORDING<br>TECHNICIAN<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)                                                                                                                                                                                                                                                                                                           |
|---------------|---------------------------------|-------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/25          | 99.4                            |                   | 99.4                        | PERFORMED 100 HR INSPECTION 1AW TL ULTRA LIGHT<br>MANUAL. REPLACED ELT BATTERIES - NEXT ONE AT<br>4/2010. SET ALL PROPELLER BLADES TO EQUAL<br>PITCH OF 20°. REPAIRED CABIN HEAT / STARTING<br>CARBURETOR KNUB BRACKET & SECURED.<br>TIGHTENED TRIM FRICTION, ADJUSTED FLAPS<br>TO ELIMINATE PRESSURE THAT WAS REQUIRED TO<br>PLACE HANDLE IN ZERO FLAP POSITION. REPLACED<br>NOSE GEAR STRUT 1AW SB-TL III SOT.<br>PERFORMED TEST FLIGHT - NO DEFECTS NOTED IN<br>AIRCRAFT OPERATION. <i>[Signature]</i> AEP 3055735 EA |

[illegible]

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

### Twin Lakes Avionics

Date: 02-03-09 Model: TL Ultralight SRO, Stingsport S/N: TLUSA134 N# 8778N W/O# 7278 Hobs: 158.9  
Traced failing transponder output to broken antenna. Removed copilot seat, replaced transponder antenna with new TED 104-12 antenna, reinstalled seat, ground checked transponder using calibrated test equipment.  
The aircraft, airframe, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station

Twin Lakes Avionics, CRS: JB4R278M Inspected Paul H. Hurd

| YEAR: | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT                            | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|-------|---------------------------|----------------------------------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2009  |                           |                                              |                             |                                                                                                                                                                                                                |
| DATE  |                           |                                              |                             |                                                                                                                                                                                                                |
| 11/25 | 168.6                     | PERFORMED                                    |                             | ANNUAL CONDITION INSPECTION (ALTERNATE ANNUAL)                                                                                                                                                                 |
|       |                           | IAW                                          |                             | TL ULTRALIGHT STING SPORT AIRCRAFT MAINTENANCE MANUAL.                                                                                                                                                         |
|       |                           | REPLACED <sup>ALL</sup> MAIN WHEEL BEARINGS. |                             | REPLACED BRAKE PADS w/ NEW                                                                                                                                                                                     |
|       |                           | ON BOTH SIDES.                               |                             | REPLACED CABIN HEAT BOWDEN CABLE. REPLACED                                                                                                                                                                     |
|       |                           | FUEL SUMP VALVE.                             |                             | DRAINED & FLUSHED FUEL TANKS. FLUSHED FLUID,                                                                                                                                                                   |
|       |                           | REPLENISHED & BLEED BRAKES.                  |                             | REPLACED LANDING LIGHT BULB.                                                                                                                                                                                   |
|       |                           | PERFORMED TEST FLIGHTS -                     |                             | NO DEFECTS NOTED IN AIRCRAFT                                                                                                                                                                                   |
|       |                           | OPERATION. <u>NOT BUILT</u>                  |                             | A&P 3055735 — END —                                                                                                                                                                                            |



Aero-Tech, Inc,  
Russell County Airport  
Jamestown, Ky 42629

Phone: 270-343-6644 Fax: 270-343-6678 Email: k24@aerotech.net

Date:10-28-13 Tach:346.3 Aircraft TT: 346.3 SN:TL USA 134 N# 8778N

Preformed Annual Condition inspection IAW YL Ultra light Sting Sport Maintenance manual. Inspected all control surfaces, Inspected brakes and landing gear. Inspected all push pull tubes and cables. Checked canopy system. Checked all SB and SL Checked Exhaust and hardware. Checked all instruments Changed GPS circuit Breaker to one of the extra breakers, ICERTIFY THIS AIRCRAFT HAS BEEN INSPECTED ON 10-28-2013 IN ACCORDANCE WITH THIS MANUFACTURER'S MAINTENANCE AND INSPECTION PROCEDURES AND WAS FOUND TO BE IN A SAFE OPERATION///END///JEFF LEACH AO3527139IA

*Jeff Leach*

J L AVIATION  
Russell County Airport  
Jamestown, Ky 42629

Phone: 270-343-6644 Fax: 270-343-6678 Email: planetech20@gmail.com

Date:5-4-2015 Tach:374.4 Aircraft TT: ~~346.3~~ 374 SN:TL USA 134 N# 8778N

Preformed Annual Condition inspection IAW YL Ultra light Sting Sport Maintenance manual. Inspected all control surfaces, Inspected brakes and landing gear. Inspected all push pull tubes and cables. Checked canopy system. Checked all SB and SL Checked Exhaust and hardware. Checked all instruments. Replaced both main tires with new tires. Replaced brake linings. Replaced ELT batteries with new Duracell batteries nxt due 5-17. ICERTIFY THIS AIRCRAFT HAS BEEN INSPECTED ON 10-28-2013 IN ACCORDANCE WITH THIS MANUFACTURER'S MAINTENANCE AND INSPECTION PROCEDURES AND WAS FOUND TO BE IN A SAFE OPERATION CONDITION.///END///JEFF LEACH AP3527139IA

*Jeff Leach*

J L AVIATION  
Russell County Airport  
Jamestown, Ky 42629

Phone: 270-343-6644 Fax: 270-343-6678 Email: planetech20@gmail.com

Date: 4-18-2016 Tach: 409.6 Aircraft TT: 409.6 SN: TL USA 134 N# 8778N

Preformed Annual Condition inspection IAW YL Ultra light Sting Sport Maintenance manual. Inspected all control surfaces, Inspected brakes and landing gear. Inspected all push pull tubes and cables. Checked canopy system. Checked all SB and SL Checked Exhaust and hardware. Checked all instruments. Replaced all fluid hoses on engine. ICERTIFY THIS AIRCRAFT HAS BEEN INSPECTED ON 10-28-2013 IN ACCORDANCE WITH THIS MANUFACTURER'S MAINTENANCE AND INSPECTION PROCEDURES AND WAS FOUND TO BE IN A SAFE OPERATION CONDITION.///END///JEFF LEACH AP3527139IA

*Jeff Leach*

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### Flight Fixins Maintenance Log Entry

Date: August 12, 2017  
Model: Sting Sport  
S/N: TLUSA134

Tail #: N8778N  
A/C Hobbs: 439.8 hrs.  
A/C Total Time: 439.8 hrs.

ETSN: 439-8

PTSN: 439.8



86 Airport Rd., Frankfort, KY 40601  
Ph: 502-875-4240

C/W Annual Inspection Per FAR 43 App (D) and YL Ultra Light Sting Sport condition Inspection list as guideline  
Performed ELT 12 month Ops test I/A/W FAR 91.207 Par (d), replaced batteries due to 2 batteries had corrosion and replaced remote switch battery PN duracell DL1/3N next due 2025 ELT main Batteries due 2023, ops test next due 8-2018, lubed all controls, serviced (charged main battery) and reinstalled, repaired L/H entrance step receptacle with Expoy resin and proper weight fiberglass, replaced 5 yr. rubber hoses and carb blocks as available owner advised of Engine Mounts on order 6 ea., repaired surface to Aircraft ground cable, repeneled Aircraft and ground ops test performed O.K. this date.

I certify that this Aircraft has been Inspected in accordance with FAR 43 App (d) requirments and has been determined to be in Airworthy Condition this date.

*Jeff Anderson* AP 31399877A

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| DATE  |                           |                   |                             |                                                                                                                                                                                                                |

#### MAINTENANCE RECORD

Page 1 of 1

|                       |          |                 |       |                       |                         |
|-----------------------|----------|-----------------|-------|-----------------------|-------------------------|
| 26-September-2018     |          | Hobbs:          | 490.6 | Engine Make - TL-2000 | N8778N Serial #TLUSA134 |
| Aircraft Total: 490.6 |          | EFIS meter:     |       | Model: Sting Sport    |                         |
| Engine TSN: 490.6     |          | Engine Serial # | NA    | Propeller Serial      | NA                      |
| Engine TSMO           | N/A      |                 |       |                       |                         |
| Work Order(s)         | 18 09 13 |                 |       |                       |                         |

The below listed items were accomplished in accordance with approved or acceptable data as applicable. Details are on file under the above work order number(s). Work order numbers are shown in brackets [ ]. followed, in bold, directly by AD notes and SB's. Checklist item number in ( ) shows extra action had to be taken to comply with annual condition inspection [18 09 13] Removed GRS chute system 2455-06-2536-3167 due to 2012 revision date. Installed revised system GRS 6/650 S-LSA Soft B3 System Number 5614-13-2236-6330 Revision date due July 2026 Activation cable routed to bellow pilot panel to conform to current location standard. In Accordance with Galaxy GRS Recondition Checklist. SA 171228- GRS parachute cable Safety Alert SA171228 Mandatory addition of Safety Cables complied with. Done in accordance with factory training and removal installation checklist. Galaxy Trained and designated to Remove, Disassemble, Reassemble, Reinstall, Deactivate, all GRS Ballistic Parachute systems. Mark Miller of SportairUSA.LLC Replaced nose wheel tire and tube. Checked Carb balance and set idle lower.

Signed: *Mark Miller*  
SportairUSA  
8222 Remount Road  
North Little Rock, AR 72118

Mark Miller  
TL Factory Authorized Repair/Service Center and Signature Authorization  
Rotax RFSC#020811130816-08

*Parachute - 20x6 Replace*

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|       |                           |                   |                             |                                                                                                                                                                                                                |

#### Flight Fixins Maintenance Log Entry

Date: June 8, 2019  
Model: Sting Sport  
S/N: TLUSA134

Tail #: N8778N  
A/C Hobbs: 501.1 hrs.  
A/C Total Time: 501.1 hrs.



86 Airport Rd., Frankfort, KY 40601  
Ph: 502-875-4240

Performed Minor Alteration by Installing Uavionics Waas GPS (SkyFY X) & ADS-B unit EchoUAT , installed I/A/W Uavionics Installation Instructions #'s UAV-1001102-001 for GPS and UAV-1001006-001 for ADS-B installation wiring and circuit protection per AC43.13 ground operation and set-up complied with per insructions , Weight and balance forms updated and installed into Aircraft records , Total Installation less than 1 Lb.

Jeff Anderson A&P 3139987

*Jeff Anderson*

**Date:** June 4 2020  
**Model:** Sting Sport  
**S/N:** TLUSA134

**Tail #:** N8778N  
**A/C Hobbs:** 526.0 hrs.  
**A/C Total Time:** 526.0 hrs.

**FLIGHT  
FIXINS INC.**

**86 Airport Rd., Frankfort, KY 40601**  
**Ph: 502-875-4240**

Performed Annual Inspection I/A/W FAR 43 App. (D) and Sting Inspection report as reference , replaced nose tire and tube , C/W with 12 month ELT Ops test per FAR 91.207 Apr. (d) next due @ 6-4-2021 , lubed all controls , checked all surfaces for delamination O.K. this date , Charged Main Aircraft Battery , removed Engine and replaced 6ea. Lord mounts , reinstalled Ops ground test O.K. , see Engine Log , repaired minor fuel tank seeps , removed fuel quantity Xmitter and replaced seal , reinstalled and leak checked O.K.

I certify that this Aircraft has been Inspected in accordance with an Annual Inspection per FAR 43 App. (d) and has been found to be in Airworthy condition .

Jeff Anderson A&P,3139987

Jeff Anderson A&P 3139987

[illegible]