

Hobbs: 0202.2 N622BT WO: 1194

Task: 24mo Insp. CUST-PO: Verbal Tom

DISCR & ACTION: FAR 91.413 has been accomplished IAW FAR Part 43, Appendix F. Pertinent details are on file at this facility.

Automatic pressure altitude reporting system tested to 14,000 ft as required by FAR 91.411 IAW FAR 43, app E. Paragraph C.

#1) Make: Dynon Avionics

Model: SVD-1000

Serial: 003588 (EFIS Encoder @ 29.92)

Format N/A

ATC transponder test and inspections required by FAR 91.413 were performed and found to comply with FAR part 43 app F.

#1) Make: Dynon Avionics

Model: SV-261

Serial: 03588

MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, 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 under Work Order No. 1194 Date 09/10/2014"

Signed

William P. Arnold for BSR Avionics Repair Station BSDR393X

MAKE: Flight Design
MODEL: CTLS
S/N: F-11-11-05
REG. NO: 622BT
WORK ORDER:
6564-03-2015

Premier
Aircraft Service

Premier Aircraft Service, Inc.

Fort Lauderdale, FL 33309
Phone: [REDACTED]

DATE: 3/20/2015
A/C TSN: 246.3
HOBBS: 248.3

Airframe Entries

(2) REMOVED AND REPLACED LEFT BRAKE CALIPER WITH NEW P/N WHLBS AND NEW LININGS ON RIGHT SIDE P/N M66-106. BLED BRAKES WITH IN THE SCOPE OF CTLS MM SECTION3.

MAINTENANCE RELEASE: IN REFERENCE TO THE WORK PERFORMED, THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, AND / OR APPLIANCE WAS REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. ALL WORK WAS PERFORMED IAW CURRENT APPLICABLE AIRCRAFT, ENGINE, OR APPLIANCE MAINTENANCE MANUALS AND INSTRUCTIONS.

DATE: 3/20/2015

SIGNED: [REDACTED]

Work Order: 6564-03-2015

Kyle Adams, A&P [REDACTED]

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N622BT 8/11/15 TT Airframe: 287.5 HOBBS: 287.5
s/n F-11-11-01

Installed Skyview software version 11.1 IAW Flight Design SI-ASTM-CTLS-50.

Date	Total time since new (airframe)	Records	Approval
		N622BT 11/02/15 Tach: 321.4 Inspected aircraft IAW CTLS maintenance manual and inspection procedure. Removed main gear wheel assy's, cleaned, repacked bearings and reinstalled. Removed Nose wheel, disassembled, cleaned and reassembled with new Aero Trainer 400x6 Tire and (2) 9997026 bearings. Reinstalled nose wheel to aircraft. Disassembled, fuel gascolator, serviced screen reassembled with new gasket. Leak checked and safetied. Lubricated airframe. Serviced carb air filter, IAW K&N instructions. Inspected ELT IAW FAR 91.207, no defects noted. Reinstalled ELT and checked operation of cockpit remote switch, no defects noted. ELT battery due 12/2017. Replaced peeling vinyl tape on lower tail fin. Cleaned interior of aircraft. Performed ground operational check with no leaks or defects noted. I certify this aircraft has been inspected in accordance with the manufacturer's maintenance and inspection procedure and has been determined to be in an airworthy condition. [REDACTED] Don Swift A&P [REDACTED]	

AIRFRAME log

N622BT 8/11/15 TT Airframe: 287.5 HOBBS: 287.5
Serviced oil system with 3 liters Aeroshell Sport Plus 4 oil, changed oil filter p/n 825 012. Removed and cleaned oil tank. Inspected old filter element for contamination, no discrepancies noted. Magnetic plug check - OK. This engine has been inspected in accordance with the manufacturer's maintenance and inspection procedures and was found to be in a condition for safe operation.

ce record

21

Datum:
Date:

Bet
E

Gesamt:

James B. McGee - Pilot/Owner/RMT #

geführte Arbeiten:
k performed:

Unterschrift &
LFZ Wart Nr.:
Signature &
Licence no.:

N622BT 8/11/15 TT Airframe: 287.5 HOBBS: 287.5
s/n F-11-11-01

Installed Skyview software version 11.1 IAW Flight Design SI-ASTM-CTLS-50.

James B. McGee - Pilot/Owner

N622BT

11/02/15

Tach: 321.4

Inspected engine IAW Rotax maintenance manual and inspection procedure. Compressions; #1-78 #2-77 ##-77 #4-77 all over 80 psi. Drained oil from oil sump. Removed sump, disassembled and cleaned. Reassembled and reinstalled sump with new crush gasket on drain plug, torqued to specs and safetied. Serviced sump with 3 qts. Aeroshell Sport plus 4. Removed oil filter and installed new p/n 852 012. Checked magnetic plug, reinstalled torqued and safetied. Cleaned spark plugs, set gaps and reinstalled, torqued to specs. Replaced (2) exhaust springs on 1-3 side with new p/n 938-795. Repositioned clamp on coolant hose at water pump 1-3 side. Mechanically and pneumatically synched carbs. Performed ground operational check with no leaks or defects noted.

I certify this engine has been inspected in accordance with the manufacturer's maintenance and inspection procedure and has been determined to be in an airworthy condition.

Don Swift A&P

Last engine log



N 622BT September 15, 2014 Tach: 205.0 TT Airframe: 205.0 Hobbs: 205.0 s/n 6.779.041

Inv. 6435 - Performed annual condition inspection IAW Rotax inspection checklist. Changed engine oil and filter. Added 3 qts. AeroShell Sport +4 oil. Installed new oil filter p/n 825012. Inspected old filter - No metal found. Magnetic plug check- ok. Performed **SB-912-064** Gear box inspection - OK. Comp check-78,78,78,78/80. Synchronized carburetors. Idle set at 1650 rpm. Performed propeller slippage clutch test - 492 lbs. Performed 200 hr. Carb inspection. Replaced (8) spark plugs p/n DCPR8E - gap 25. Replaced (2) exhaust springs p/n 938 795. **Carbs due 405.0hrs. 5 yr. rubber due 04/2017.** Service bulletins: All SD's and SB's researched and complied with to this date. This engine has been inspected in accordance with the manufacturer's maintenance and inspection procedures and was found to be in a condition for safe operation.

A & P

David Armando

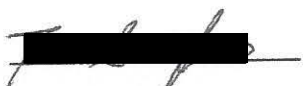
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23-March-2015 N6228T 912ULS S/N 6779041 Hobbs: 248.1
 Removed air box, repaired cable & flap and reinstalled - OP's checked OK
 Replaced bent tube assembly on right carburetor. All work completed I/A/W Rotax M/M.
 Pertinent details can be found on file @ Lockwood Aviation Repair Under WO9345.
 Signature _____ A&P _____

Joseph A. Benton, A&P

engine log

SB	Applicability	Compliance
SB-912-065-UL Float Redundancy	N/A Per S/N's	
SB-912-066-UL CMT Measurement	N/A	
SB-912-067-UL Float Exchange	N/A Per S/N's	
SB-912-068-UL Engine Config	N/A Per S/N	


Don Swift A&P 

11/02/15
Date

SB Compliance

Flight Design USA
Safety Directive and Service Bulletin Compliance Form

Aircraft model: CTLS Airframe TT: 74.1 Aircraft serial: F 11 - 11 - 05

Engine serial: 6.779.041

Airframe:

SN or SB#	Description	Superseded	Applicable	Recurring	PCW
SN-ASTM-CTLS-01	Ethanol		Informative-all		
SN-ASTM-CTLS-02	Dynon noise SV-D1000 from F-09 Check		Yes	No	
SN-ASTM-CTLS-03	Skyview Display F10-02-06 to F11-06-09		Yes	No	
SB-ASTM-CTLS-01	Fuel filter exchange Prior to s/n F 09-02-01			No	
SB-ASTM-CTLS-02	Rudder Centering Fork - F08 to F 09		Yes	No	
SB-ASTM-CTLS-03	Rudder Fork Stop - F 08 to F 10			No	
SB-ASTM-CTLS-05	Garmin SL30/40			No	
SB-ASTM-CTLS-06	Tow Bar markings F 10 to F 11			No	
SA-ASTM-CTLS-01	Crankshaft up to F 11-07-06			No	
SA-ASTM-CTLS-02	SB-912-061UL up to F 12-02-10			No	
SA-ASTM-CTLS-03	SB-912-062UL, 044UL			No	

Engine (Rotax 912 ULS):

SB#	Description	Superseded by	Applicable	Recurring	PCW
SB-912-022-UL	Replacement of valve spring retainer CANCELED		N/A by serial	No	
SB-912-026-UL	Checking and replacement of stator -prior 4.425.030		N/A by serial	No	
SB-912-028-UL	Replacement of engine suspension frame		N/A by serial	No	
SB-912-029-UL	Checking of the crankcase - up to 5.646.559		N/A by serial	Yes	
SB-912-030-UL	Damage to carburetor flange - up to 5.643.548		N/A by serial	No	
SB-912-031-UL	Replacement of fuel pump - 4.427.395		N/A by serial	No	
SB-912-033-UL	Inspection of the prop gearbox using leaded fuel		N/A by model	Yes	
SB-912-035-UL	Inspection of rocker arms and push-rods - to 4.428.187		N/A by serial	No	
SB-912-036-UL	Inspection for correct venting of oil system- canceled	SB-912-040	N/A by serial	No	
SB-912-037-UL	Installation of high power electric starter		Optional	No	
SB-912-039-UL	Modifications of the overflow bottle - up to 4.427.567		N/A by serial	No	
SB-912-040-UL	New oil dipstick - up to 4.429.295		N/A by serial	No	
SB-912-041-UL	Extension of TBO		N/A-informative		
SB-912-042-UL	Checking the engine in case of excessive prop backlash		If cond. exists	Yes	
SB-912-043-UL	Change of coolant spec.		Yes	No	
SB-912-045-UL	Inspection of oil filter s/n 5.643.838 to 5.643.932		N/A by filter #	No	
SB-912-046-UL	Check of support bearing on crankshaft and bearing bushing in prop gearbox. s/n 5.645.088 to 5.645.267		N/A by serial	No	
SB-912-047-UL	Check allen screw in crankcase. 5.645.088 to 5.645.350		N/A by serial	No	
SB-912-048-UL	Replacement pin in carburetor 5.643.752 to 5.645.438		N/A by serial	No	
SB-912-049-UL	Checking fuel pump plungers 5.644.871 to 5.646.165		N/A by serial	No	
SB-912-050-UL	Replacement of fuel pump CANCELED	ASB-912-053-UL			
SB-912-051-UL	Checking of magnetic plug. 5.645.990 to 5.647.310		N/A by serial	IAW MM	
SB-912-052-UL	Installation/Use of governors		optional	No	
SB-912-053-UL	Replacement of fuel pump 5.46.084 to 5.648.164		N/A by pump #	No	
SB-912-054-UL	Replacement flexible fuel line. 5.647.489 to 5.648.153		N/A by serial	No	
SB-912-055-UL	Inspect for tight fit of oil filter 5.648.511 to 5.649.505		At oil change	Yes	
SB-912-056-UL	Replacement of prop gearbox Check serial number			No	
SB-912-057-UL	Extension of TBO from 6.775.790		N/A-informative		
SB-912-058-UL	serial number up to 6.778.1			No	
SB-912-059-UL	Up to 6.778.1			No	
SB-912-061-UL			N/A	No	
SB-912-063-UL	Up to 6.779.1			No	

SB-912-064-UL

This SD and SB listing is current as of 10/1/2013

Signature DAVE ARMANDO
AAP

SB Compliance