

MARCH 11, 1994

ENGINE AND AIRFRAME LOG BOOK ENTRY

BATES FIELD AIRPORT MIDLAND COUNTY TEXAS

INSPECTION OF THE AIRCRAFT

MAKE: YAK; MODEL: 52; REGISTRATION NUMBER N21527; S.N. 9311701;
OWNER: SAM E. HOLLOMAN OF THE ABOVE ADDRESS.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN GIVEN A CONDITIONAL INSPECTION IN ACCORDANCE WITH THE SCOPE AND DETAILS OF APPENDIX D OF PART 43 F.A.R. ; INCLUDING THE FOLLOWING:

CHECK CANOPY FOR PROPER OPERATION. REMOVE FLOOR PLATES AND INSPECT FLAP AND AILERON ACTUATORS AND HIDDEN FUEL SYSTEM. CHECK WHEELS AND TIRES. OPEN COWLING FOR VISUAL INSPECTION OF MOTOR INCLUDING THE REAR CASE AND ATTACHMENTS AND ALL THE ACCESSORIES. DRAIN AND REPLACE OIL. CLEAN ALL SCREENS. CHECK AIR INTAKE. DRAIN FUEL SUMPS. CHECK AIRCRAFT INTERIOR FOR LOOSE OBJECTS AND CONTROL MOUNTING INTEGRITY. PLACE AIRCRAFT ON JACKS AND RETRACT LANDING GEAR. INSPECT UP-LOCKS AND PNEUMATIC HOSES. INSTALL BATTERY AND CHECK OPERATION OF STARTER. INSTALL APPROPRIATE FARING AFTER INSPECTION OF CONTROL ACTUATORS AND ATTACHMENTS. ASSURE INTEGRITY OF SEATS, BELTS, WING ATTACHMENT BOLTS, FLAP OPERATION, AND ALL ENGINE CONTROLS. CHECK PROPELLER AND GOVERNOR MOUNTING. RUN ENGINE AND CHECK OPERATION OF ENGINE AND PROPELLER. IN SUMMARY, DOING ALL THOSE THINGS NECESSARY FOR A GOOD MECHANIC TO KNOW THAT THIS AIRCRAFT IS IN REASONABLY GOOD OPERATING CONDITION IN ACCORDANCE WITH A CONDITIONAL INSPECTION WITHIN THE SPIRIT AND INTENTION OF APPENDIX D OF PART 43 F.A.R. NOTHING FOLLOWS.

J. Danell

APP 1641666

A & P MECHANIC
MARCH 11, 1994

MANUFACTURER YAK
 SERIAL NUMBER 9311701
 REGISTERED OWNER Sam &
 STREET ADDRESS 13611
 CITY, STATE, ZIP Odessa
 OPERATOR _____
 STREET ADDRESS _____
 CITY, STATE, ZIP _____
 REGISTERED OWNER _____
 STREET ADDRESS _____
 CITY, STATE, ZIP _____
 OPERATOR _____
 STREET ADDRESS _____
 CITY, STATE, ZIP _____

UNITED STATES OF AMERICA
 DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
SPECIAL AIRWORTHINESS CERTIFICATE

A	CATEGORY/DESIGNATION	EXPERIMENTAL	
	PURPOSE	EXHIBITION	
B	MANUFACTURER	NAME	N/A
		ADDRESS	N/A
C	FLIGHT	FROM	N/A
		TO	N/A
D	N- 21527		SERIAL NO. 9311701
	BUILDER YAKOVLEV		MODEL 52
E	DATE OF ISSUANCE A-06/03/99		EXPIRY UNLIMITED
	OPERATING LIMITATIONS DATED A-06/03/99		ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE <i>W. Rick Robinette</i>		DESIGNATION OR OFFICE NO.
	W. RICK ROBINETTE		FSDO 4-0-17

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 8130-7 (10/82)

SEE REVERSE SIDE

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.170

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
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I certify that the transponder and altitude reporter test required by FAR 91.413 have been performed and found to be within the limits of FAR43 Appendixes F.

Aircraft tested to 16,000 ft.

N# : 222XS
Fact/Hobbs Time: 168.0

Transponder Model Micro Air T2000 SFL S/N 4171
Altitude Reporter Amelung AK-350 S/N 83401

Signed Thomas J. Brown Date 6/18/09

VFR ONLY

Top Flight Avionics, LLC
CRS # T53R1530

H&B AVIONICS FAA CERTIFIED REPAIR STATION H6HR776
Transponder Model T 2000 SFL Serial Number 4147 has
been inspected VFR IFR AK350
Tested, and found to comply with FAR 91.413 Part 43 Appx F
ALT.CAL CHECK TO 16000 FT.
Signed Amelung Date 5/15/12

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
March 15, 1994	5 hrs	Changed Oil - 20 qts of Phillips 20W-60 Cleaned Screens - No metal.	Sam Holloway - Owner
March 20, 1994	"	I certify that the prescribed flight test hours have been completed and the aircraft is controllable throughout its range of speeds and throughout all maneuvers to be executed, it has no hazardous operating characteristics or design features, and is safe for operation." - Flight Time 10 hrs. Sam Holloway owner 453-71-9112	
APRIL 25, 1996	204 TT	I Have issued a special Airworthiness Certificate on 04-25-96 Paul F. Allard PAUL F. ALLARD SW-FS10-09	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
5-10-99	56.5	Replace ELT Batteries and function check, Jacked aircraft - Repack wheel bearings and perform landing gear operational check, Twp controls for proper operation and security, I certify that this aircraft has been inspected in accordance with a Annual Condition inspection and was determined to be in an Airworthy condition. <div style="text-align: right; margin-top: 10px;"> <i>David A. Hillerman</i> ACP 563174166 </div>	

06-03-99 Issued and amended Special Airworthiness Certificate,
 Experimental Exhibition and Operating Limitations dated
 A- 06-03-99. No aircraft inspection conducted this date.

W. Rick Robinette *W. Rick Robinette*
 Aviation Safety Inspector, FSDO 4-0-17

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
7/2/99	71.9	Remove and recover rudder + controls w/ceconite fabric, repaint and remount.	<p><i>A. Cond</i> <i>owner insp by David A. Williams</i> <i>A&P 563174166</i></p>
9-8-2000	94.4	Lube controls and check operation, I certify that this aircraft has been inspected in accordance with an Annual Condition inspection, and was determined to be in an Airworthy condition.	<p><i>David A. Williams</i> <i>A&P 563174166</i></p>

MAINTENANCE RECORD

YIAK 52N21527 F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
5/10/02	104.8	<p>Inspecting this aircraft has been inspected in accordance with the scope & detail of App'd part 143 and found to be in airworthy condition.</p> <p>Tony Spurr #476540938</p>	
		<p>Verifying the following maneuvers have been satisfactorily performed and this aircraft was demonstrated controlled through all listed spins, loops, rolls, snap rolls, Immovables, hammer heads, inverted flight, outside loop rolls, turns, and all maneuvers of these maneuvers.</p> <p>Tony Spurr #476540938</p>	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
4/15/03	141.00	<p>Condition inspection performed this date. Hooker 5 point double belt harness installed in front cockpit. Engine primer resealed. Cable tensions adjusted and all controls checked. Propeller seals changed. Rear cockpit horizon removed. EIT checked for operation found OK.</p>	
		<p>I certify this aircraft has been inspected in the scope & detail of App D part 143 and has been found to be in airworthy condition.</p> <p style="text-align: right;">Larry S. Lynn AP 476540938</p>	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
5/1/04 N222XP	163.711	<p>Condition inspection performed this date. Landing gear valve replaced due to air leak. All cables & push rods checked & lubed. Aileron trim tab adjusted</p> <p>I certify this aircraft has been inspected in the scope & detail of Part 43 app D and was determined to be in airworthy condition</p> <p>Larry Schlegel RHP 476540938</p>	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
5/3/05	187.6	<p>Condition inspection performed this date. MTV-3 propeller removed. New MTV-9-K-C/CC 248-63 propeller installed IAW MT Installation instructions. Test run and no discrepancies noted. All cables inspected and lubed. Additional lugbolt installed in rear cockpit. Rudder trim tab adjusted.</p> <p>Further this airplane was inspected IAW the scope & detail of Part 43 appendix D and was determined to be in airworthy condition.</p>	
		<p style="font-size: 2em; font-family: cursive;">[Signature]</p> <p style="font-size: 1.5em;">AEP 476540938</p>	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
6-1-06	215.0	Condition inspection performed this date. All cables checked for tension. all pulleys lubed, Rear saddle bell crank checked for foreign objects. I certify this aircraft has been inspected 1AW part 43 Appendix D and was determined to be in airworthy condition. Jay Schum AIP 476540938	
6/7/07	249.0	Condition inspection this date. All cables checked and lubed, FOO check in bell crank area - OK I certify this aircraft has been inspected 1AW part 43 appendix D and was determined to be in airworthy condition. Jay Schum AIP 476540938	

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
6/19/08	268.0	<p>Condition inspection this date. Identifying this aircraft was inspected per the scope and detail of Part 43 Appendix D and was found to be in a condition for safe operation.</p> <p>Tim Schum RR 47654093P</p>
6/17/09	289.0	<p>TACH reads 168.0</p> <p>Condition inspection this date. Transponder installed by Top Flight Avionics - see AVIONICS section this log. Installed new forward brake cable. Removed transponder previously installed.</p> <p>Identifying this aircraft has been inspected (and the scope and detail of Part 43 Appendix D and has been determined to be in satisfactory condition.</p> <p>Tim Schum RR 3357142</p>

INSPECTION RECORD F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	
6/28/2010	182.3	Condition inspection this date. Checked
	283.3	all cables & pushrods. Checked FOD in rear wheelwell compartment. Installed new nose gear steering damper. Cleaned air system check valves.

I certify this aircraft has been inspected IAW the scope and detail of part 43 APPENDIX D and was determined to be in airworthy condition.

[Signature]
No. 3357142

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

June 1, 2012 N222XS Hobbs time 189.4 Condition inspection this date. Checked all cables and pushrods for security and function, OK. Checked FOD in elevator bellcrank area, OK. Serviced air system valves and checked air tank for corrosion, none found. Checked brakes and tires and wheel bearings. Checked all fabric control surfaces, OK. Rudder recovered with Stits and refinished per the manufacturers instructions.

I certify this airframe has been inspected in the scope and detail of Part 43 appendix D and was found to be in airworthy condition



Larry Schasinger A&P 3357142

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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May 18, 2013 N222XS Hobbs time 192.1 Condition inspection this date. Checked all cables and pushrods for security and function, OK. Checked FOD in elevator bellcrank area, OK. Serviced air system valves and checked air tank for corrosion, none found. Checked brakes and tires and wheel bearings. Checked all fabric control surfaces, OK. Landing gear swung and all grease zerks serviced.

I certify this airframe has been inspected in the scope and detail of Part 43 appendix D and was found to be in airworthy condition



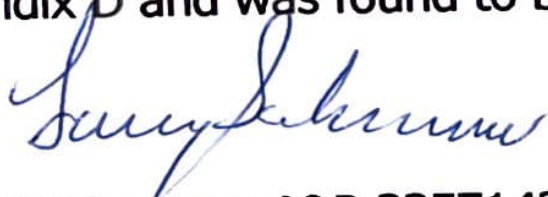
Larry Schlasinger A&P 3357142

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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May 1, 2014 N222XS Hobbs time 195.1 Condition inspection this date. Checked all cables and pushrods for security and function, OK. Checked FOD in elevator bellcrank area, OK. Serviced air system valves and checked air tank for corrosion, none found. Checked brakes and tires and wheel bearings. Checked all fabric control surfaces, OK. Landing gear swung and all grease zerks serviced. I certify this airframe has been inspected in the scope and detail of Part 43 appendix D and was found to be in airworthy condition



Larry Schlasinger A&P 3357142

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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June 1, 2015 N222XS Hobbs time 202.4 Condition inspection this date. Checked all cables and pushrods for security and function, OK. Checked FOD in elevator bellcrank area, OK. Serviced air system valves and checked air tank for corrosion, none found. Replaced brakes and tires and wheel bearings serviced. Checked all fabric control surfaces, OK. Landing gear swung and all grease zerks serviced. I certify this airframe has been inspected in the scope and detail of Part 43 appendix D and was found to be in airworthy condition

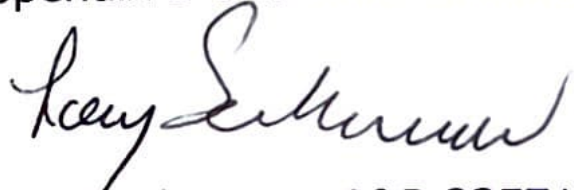


Larry Schlasinger A&P 3357142

306.7 FSN

May 1, 2017 N222XS Hobbs time 205.7 Condition inspection this date. Checked all cables and pushrods for security and function, OK. Checked FOD in elevator bellcrank area, OK. Serviced air system valves and checked air tank for corrosion, none found. Jacked aircraft and swung gear, serviced gear with grease and checked brakes. Checked all fabric control surfaces, OK.

I certify this airframe has been inspected in the scope and detail of Part 43 appendix D and was found to be in airworthy condition



Larry Schlasinger A&P 3357142

May 15, 2018 N222XS Hobbs time 208.5 309.5 TTSN Condition inspection this date. Checked all cables and pushrods for security and function, OK. Checked FOD in elevator bellcrank area, OK. Serviced air system valves and checked air tank for corrosion, none found. Jacked aircraft and swung gear, serviced gear with grease and checked brakes. Checked all fabric control surfaces, OK.

I certify this airframe has been inspected in the scope and detail of Part 43 appendix D and was found to be in airworthy condition



Larry Schlasinger A&P 3357142

INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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Airframe

N222XS 9/7/18 Hobbs: 205.7

Performed pre-buy inspection on aircraft at customers request. Installed owner supplied hoses p/n# 1-10-2-300, 526100-07FS, 526100-08FS, 6-4-2-375, 4847A-P6-150-4. Replaced left main fuel line with serviceable unit p/n# 1-12-375-OST provided by aircraft owner. Replaced right main fuel line with serviceable unit p/n# 1-12-365-OST provided by aircraft owner. Hoses were built up by M-14P Incorporated Kingman, AZ 86401 under invoice 8935. Reinstalled elevator trim tab after repair by Alpha -Zulu Composites, under W.O. 62. Reinstalled right p/n# (N526101-10-1) and left (N526101-10-2) fuel tanks after repair by Hartwig Aircraft Fuel Cell Repair under W.O. 20180540,20180541. Notified aircraft owner Pitot Static is out of calibration making aircraft "VFR ONLY". Notified aircraft owner that experimental placard is missing. Ran up aircraft, all ops and leak checks good on work performed.

I certify that this aircraft has been repaired on work performed only in accordance with current maintenance rules of the Federal Aviation Administration and is approved for return to service.

Hawthorne Global Aviation W.O. 17032

3800 Starr Ave.

Eau Claire WI. 54703

Signed



Certificate # AP2704867

Airframe

N222XS 12/13/18 Hobbs: 216.2

Removed unused avionics trays and wiring on aft avionics shelf. Fitted smoke oil tank and pump on aft avionics shelf with proper attach brackets and hardware. Prepared and submitted FAA Form 337 for field approval. Fitted smoke oil tank and pump on aft avionics shelf with proper attach brackets and hardware. Installed Smoking Airplanes SA-201 Series Smoke system per Smoking Airplanes Installation and Operation Manual and Form 337 FAA field approval. Ops and Leak checked good. Weight and Balance updated. See Installation and Operation Manual for Instructions for continued airworthiness. Installed SPT LED light strip and Pulse-Width-Modulation Dimmer interior floodlight system per Superior Panel Technology equipment Installation Manual SPTLEDSW. Installed Whelen Orion 600 Wingtip Nav and Strobe LED light assembly P/N 01-07717330-11 and 01-0771733-12 at wingtip station 25.4 mm. Circuit breakers and switches mounted on instrument panel.

Work accomplished per Whelen Engineering Company Inc. Installation Guide form #14661B and AC 43.13-1B, Chapter 11, Sec 3 through Sec 16. Instructions for Continued Airworthiness can be found in the Whelen Engineering Company Inc. Installation Guide form #14661B. Installed Lo Presti's Boom Beam landing light kit Model PAR36 Part Number LSM-500-431-7T at station 88.9 mm just inboard of the landing gear. Circuit breaker and switch mounted on instrument panel. Installed the Lo Presti Power Supply P/N LSM-SCD-019-1 Rev. J inside the wing at station 152.4 mm just inboard of the landing gear. Work accomplished per Lo Presti Speed merchant's installation Instructions Document # LSM-500-078 Rev S dated 11/16/16 and AC 43.13-1B, Chapter 11, Sec 3, through Sec 16. Instructions for Continued Airworthiness can be found in the Document LSM-500-078 Rev S dated 11/16/16. Form 337 and FAA field approval Submitted for Light installations. The Aircraft weight and balance changed. The aircraft electrical load analysis was reviewed for new installation. The installation does not conflict with any other modification or adversely affect the safe operation of this aircraft.

I certify that this aircraft has been repaired on work performed only in accordance with current maintenance rules of the Federal Aviation Administration and is approved for return to service.

Hawthorne Global Aviation W.O. 17140

3800 Starr Ave.

Eau Claire WI. 54703

Signed Eugene Sch Certificate # 3687881 IA

INSPECTION RECORD
F.A.R. 43.11-91.409

D


Airframe Log

N222XS 1/17/19 Hobbs: 222.6

Installed owner supplied cockpit post light Model 754W-28V p/n# 11-07486 per Airkit LLC instructions. No changes to weight and balance. Installed wiring to be controlled by existing SPT interior lamps at owners request. Ops checks good

I certify that this aircraft has been repaired and inspected on work performed in this entry only in accordance with current maintenance rules of the Federal Aviation Administration and is approved for return to service on work performed only.

Hawthorne Global Aviation W.O. 17235
3800 Starr Ave.
Eau Claire WI. 54703

Signed  Certificate # A2701867

April 19, 2019 Hobbs-227.0 Hrs. Repaired air brake pressure reducer valve. Re-installed- tested system ok. Serviced nose shimmy dampner w/ 5606- bled system. Serviced nose strut w/ 5606 and N₂ 370psi. Serviced all tires to 45psi. Replaced air pump inlet filter w/new. Repaired loose line/fitting at air pump outlet. Removed com antenna and cleaned all connections/grounds. Removed oil dilution system. Replaced several panel lamps (indicating).

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

April 19, 2019 continued - Replaced oil pressure, Fuel pressure & MP indicating hoses FWF with new. Replaced engine primer hose assy. w/new. Corrected all loose exhaust stacks @ heads. Replaced #1 cylinder ex flange nut w/new. Installed new ex. donut also. Installed new Garmin G5 attitude indicator system for experimentals. Installed new GA26C GPS antenna. Installed circuit breaker box & breakers for G5 and transponder @ aft Firewall power box. Re-located original Attitude ind. to aft cockpit. Weight & balance change negligible. G5 ribbons were set per aircraft mfg. speeds. (published). Static and pitot systems were leak checked. All work was performed JAW Yakolev Model 52 Service Manual & Task cards and FAR43 App.D. This work does not constitute a condition inspection.

[Signature] AIP 3509009 Noble Aviation LLC
Eagle River, WI.

INSPECTION RECORD

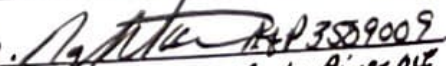
F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
August 19, 2019	Hobbs Reads - 258.6	ACTT - 357.6 Hrs. Performed condition inspection this date JAW FAR 43 App D and Yakolev 52 Manual task cards. Lubed aircraft. Serviced tires to 45 psi. Serviced A/c batteries. Greased gear. Balanced nose tire. Performed several normal and emergency gear operations. Rebuilt RH gear uplock cylinder w/new seals. Rebuilt shimmy damper with all new seals and serviced to max full. Set cable tensions and sorted turnbuckles. Cleaned fuel strainer screen. Re-located smoke system control switch/light assy. Checked fabric controls. Removed Microair Transponder/encoder and installed new Trig TT22 Transponder Kit # 00-772-00 w/ADS-B out function. Kit included - TT22 xPder s/N-09048, TC20 controller s/N-11377, TN72 WAAS GPS Source s/N-01099 and TA70 GPS antenna s/N-190965. Installed w/new antenna CI-105 and RG400 coax, 5225395-6 connector, 3Amp 7277-5-3 breaker. All work per Trig installation manual number - 00560-00-AQ, dated 22. Sept. 2017. and TN72 Manual 01691-00-A1, dated 16 April, 2018. continued —

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
August 19, 2019	Hobbs - 258.6 ACTT - 359.6 Hrs.	<p>It Continued - Transponder was programmed as follows - IDN 22XS, A/C Address - A1EA8D, VFR code - 1200. A/s Category - 25-150 KTS, A/C Category - Light fixed wing. Squat Switch - No. TIO out - No. GPS Input - Trig TN72 S143, TIS speed - 9600, GPS cert. - C, NA Velocity - 10 m/s. A/c length + width - 10 meters both. GPS offset 2 meters aft 1090 MHz receiver No. UAT - No. Performed all tests using AV-10 system. Pitot/Static and xpder 24 month checks are still due. No pitot/Static leaks at this time. W+B change negligible. Installed new Trig Com VHF TY91 Kit # 01079-00. Kit included - TY91 S/N - 10439, TC90 controller S/N - 08969. Also installed new CI-122 antenna w/ RG400 COAX, 5225395-6 connectors, 5 Amp 7277-5-5 circuit breaker. All work per Trig Installation Manual # 00839-00 - AG dated 12 April, 2019. Connected to existing throttle PTT and intercom switches - no VOX. Original Russian Com/intercom Inop. See W+B balance change. I certify that this Aircraft has been inspected JAW the scope + detail of FAR 43 App D and was found to be in a condition for safe operation.</p> <p style="text-align: right;">  Noble Aviation LLC Eagle River ME R#P3559009 </p>

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE

Airframe
N222XS 06/15/20 Hobbs: 290.1

Removed interior and fuselage panels. Cleaned and inspected areas for fuel. Found slight signs of fuel at fuel sump drain. Tightened fittings and sump valve. Resealed left wing fuel cap splash area with 1440 B 1/2 sealant. Leak checked OK in areas worked. Restored access.

I certify that this aircraft has been repaired on work performed only in accordance with current maintenance rules of the Federal Aviation Administration and is approved for return to service.

Hawthorne Global Aviation W.O. 17967
3800 Starr Ave.
Eau Claire WI. 54703

Signed Eugen Schuk Certificate # AP 3687881

INSPECTION RECORD

F.A.R. 43.11-91.409

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Airframe

N222XS 7/14/20 Hobbs: 302.4

Replaced seal on pressure relief valve with new P/N 525504-Seal. Pressurized system, no leaks noted.

I certify that this aircraft has been repaired on work performed only in accordance with current maintenance rules of the Federal Aviation Administration and is approved for return to service.

W.O. 18004

Hawthorne Global Aviation

3800 Starr Ave.

Eau Claire WI. 54703

Signed



Certificate #

AP2720101

Airframe Log
N222XS Hobbs 318.19/2/20

This aircraft has been inspected and has been found safe for the intended flight in accordance with Special Flight Permit dated 9/2/20. Ops checks good, leaks checks good.

I certify that this Airframe has been repaired and inspected on work performed only in accordance with current maintenance rules of the Federal Aviation Administration and is approved for return to service.

Hawthorne Global Aviation W.O. 18090
3800 Starr Ave,
Eau Claire WI. 54703

Signed 

Certificate A&P # 3044442

SEPTEMBER 25, 2020 HOBBS READS- 320.3 HRS. ACTT- 421.3 HRS. PERFORMED CONDITION INSPECTION THIS DATE IAW YAKOLEV 52 SERVICE MANUAL AND FAR43 APP D. LUBED AIRCRAFT. SERVICED TIRES TO 45 PSI. GREASED GEAR. PERFORMED NORMAL AND EMERGENCY GEAR OPERATIONS. INSTALLED CUSTOMER SUPPLIED USB PORT IN FRONT COCKPIT. WIRED TO AVIONICS BUSS AND USED USB SUPPLIED INLINE FUSE HOLDER AND FUSE. TIGHTENED AND SAFETIED LOOSE TACH DRIVE ASSY. ON ENGINE. INSTALLED ALL NEW STAINLESS STEEL EXHAUST CLAMPS ON ENGINE EXHAUST. PART NO.- 0256M, 0288M, 0312M. CORRECTED COWL TO RING CHAFE ISSUE. CHECKED CABLE TENSIONS. INSPECTED AIRCRAFT FOR FOD. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW THE SCOPE AND DETAIL OF FAR43 APP D AND WAS FOUND TO BE IN A CONDITION FOR SAFE OPERATION.



ROGER SHADICK A&P3509009

NOBLE AVIATION L.L.C.

EAGLE RIVER, WI.

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

Airframe

N222XS 08/04/21 Hobbs: 380.9

Installed customer supplied second smoke nozzle in right exhaust per Smoking Airplanes installation instructions. Ops and leak checked good. Installed customer supplied external fill port per Smoking Airplanes installation instructions. Ops and leak checked good. Weight and balance negligible.

I certify that this aircraft has been repaired on work performed only in accordance with current maintenance rules of the Federal Aviation Administration and is approved for return to service.

Hawthorne Global Aviation W.O. 18680
3800 Starr Ave.
Eau Claire WI. 54703


Signed  Certificate # AP 3687881

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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November 19, 2021 Hobbs reads- 419.1 hrs. ACTT-520.1 hrs. Performed condition inspection this date IAW FAR43 App D and Yakolev 52 Service Manual and task cards. Lubed aircraft and greased gear. Serviced tires to 45 psi. Installed new brake drums and pads on both mains. Fabricated new felt seals for the wheels as required. Lubed hand brake cable. Performed several gear operations both normal and emergency. Repaired front cockpit air pressure gauge. reads correctly now. Corrected excessive play in elevator control tube between the aft cockpit stick and bellcrank. Installed new air pump filter and relief seal. Set pressure to 5.3 Kg/Cm2. Loosened engine primer control. Mounted cockpit entry/exit ladder permanently to the LH rear wing. Replaced smoke system pump inlet filter screen. Ops checked system- ok. Tightened #5 cylinder exhaust stack to cylinder connection. Replaced missing cowl stay nut. Installed 2 more EZ Heat pads on engine nose case and lower oil sump. Cleaned aircraft of FOD. I certify that this aircraft has been inspected IAW the scope and detail of FAR 43 App D and was found to be in a condition for safe operation.


Roger Shadick A&P3509009

Noble Aviation L.L.C.

Eagle River, WI.

April 14, 2022 Hobbs Reads- 447.4 hrs. Rebuilt firewall air "T" assembly and relief valve. Installed one new check valve assembly and rebuilt the other check valve assembly with new seals. Cleaned air filter. Set pressure relief to 735 psi. after replacing seal. Replaced missing cowl stay bracket nut on RH side. Cleaned smoke oil filter screen. Cleaned and re-packed nose wheel bearings with Mobil SHC 100. Serviced all tires. Replaced front hand brake cable with new and greased cable. Cleaned both brake drums and de-glazed as required. Installed rebuilt front cockpit landing gear control and performed several gear operations. Corrected customer's Stratus mounting in rear glare shield.


Roger Shadick A&P3509009

Noble Aviation L.L.C.

Eagle River, WI.



Gibson Aviation Services · 1400 Indianhead Dr. East · Menomonie, WI 54751 · 7152311836

N222XS
TACH: 455.9

YAKOVLEV, 52, S/N: 9311701

May 26, 2022

Troubleshoot smoke system and found the pick-up tube had a tear in line. Repaired line by removing defective portion and resealing. Ops check satisfactory.

With respect to the work performed, this airframe is approved for return to service.

Jacob Kuhn A&P 3761792

AFT FOR SERVICE



Gibson Aviation Services · 1400 Indianhead Drive East · Menomonie, Wisconsin 54751 · 7152311836 · CRS#: GB1R897D

N222XS
TACH: 486.6

YAKOVLEV, 52, S/N: 9311701

June 21, 2022

Performed the following: VFR Cert.

The Below Identified Equipment has been tested and found to conform to the following: FAR 91.413, Part 43 Appendix F. This equipment is compliant with the above FAR's and meets or exceeds the requirement for Airworthy Transponder.

Transponder Make: TrigModel: TT 22SN: 09048

Jacob Kuhn CRS# GB1R897D



Gibson Aviation Services · 1400 Indianhead Drive East · Menomonie, Wisconsin 54751 · 7152311836 · CRS#: GB1R897D

N222XS
TACH: 500.0

YAKOVLEV, 52, S/N: 9311701

July 08, 2022

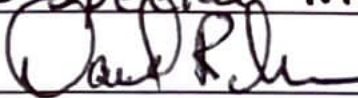
Tested forward main altimeter, forward G5 ADI, and aft main altimeter to 8000 feet per FAR 91, Part 43 Appendix E. All altitudes tested within tolerances. Static leak rate not done at this time.

With respect to the work performed, this airframe is approved for return to service.

Brian Vanden Boogaard CRS# GB1R897D

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
12-29-2022	Tach Time 548.5 hrs	Reviewed AD's now due at this time This Aircraft N222XS has been inspected and has been found safe for intended flight IAW special flight permit issued for 12-30-2022. KEAU to KEGV.  ATP 2657370

February 1, 2023 Hobbs Reads- 550.1 hrs. ACTT- 651.1 hrs. Performed Condition inspection this date IAW FAR43 App D and Yakolev 52 task cards. Lubed aircraft and greased gear and flaps. Replaced both main tires with new Air Classic 500-150 6 ply. Greased wheel bearings on mains with Mobil SHC100 grease. Serviced all tires to 45 psi. Performed several gear operations in both normal and emergency modes. Re-serviced air system with 735 psi nitrogen. Cleaned air pump filter. Replaced failed flap up limit switch for light indication. New AM800K-N switch installed. Replaced front brake cable assembly with new 525103-06-1. Rigged per manual. Inspected aft elevator bell crank for cracks using dye penetrant procedure. None found. Bell crank is aluminum style. Tightened loose cowl shutter support rod. Replaced missing baffling attach nut. Tightened loose smoke oil clamp. Checked aircraft for FOD. Checked all cable tensions. Replaced ELT antenna with serviceable unit. Note: ELT is not installed at this time. Not required for Experimental Exhibition Category per FAR's. Removed MT prop MTV-9-K-C and installed serviceable MT prop MTV-9-K-C with blade model CL250-29 and s/n- 5800 per customer request. See prop log for more info. No weight and balance change. I certify that this aircraft has been inspected IAW the scope and detail of FAR 43 App D and was found to be in a condition for safe operation.



Roger Shadick A&P3509009

Noble Aviation L.L.C.

Eagle River, WI.