



RANS AIRCRAFT MAINTENANCE LOG

N 606DJ

MODEL NUMBER S-65 MODEL NAME COYOTE

SERIAL NUMBER 08011420 DATE OF MANUFACTURE 9-04

ENGINE TYPE ROTAX 912ULS HORSEPOWER 100

REGISTERED OWNER ~~FERDIE PASTER~~ JOE R. BALL

STREET & NO. ~~P.O. BOX 60~~ 304 HERITAGE HILLS DR

CITY, STATE, ZIP EL PASO, IL 61738 FREDERICKSBURG,
TX 77864
830-997-7992
abell32@att.net
RAI.COM

ENGINE SERIAL# 4427593

Colors: Insignia White
 Colorado Red
 Type of Paint: KATHANE Polyurethane
 from Randol's Products
 Wicks Aircraft Supply

INSPECTION AND MAINTENANCE RECORD

DATE	TACH.	INSPECTION OR MAINTENANCE PERFORMED
3/1/04	0.9	INSTALLED NEW ELT W/NEW BATTERIES - REPLACE BY 10/2005
9/4/04	0.9	SERVICED ENGINE WITH 3 QTS. OF VALVOLINE DURABLEND OIL AND APPROX. 2 QTS. OF HONDA ANTIFREEZE.
9/5/04	0.9	STARTED ENGINE, SYNCHRONIZED CARBS., IDLE SPEED SET TO 1800RPM - LEAK CHECKED OK
9/18/04		PERFORMED WEIGHT AND BALANCE PER FLIGHT MANUAL ON EMPTY AIRCRAFT. ENTERED DATA IN PILOTS OPERATING HANDBOOK
10-8-04		I, DAVID E. PFISTER CERTIFY THAT I HAVE BUILT THIS AIRPLANE AND THAT IT HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION. <i>[Signature]</i>
10-8-04		AIRCRAFT TIME OF SERVICE IS 0.0 HOURS <i>[Signature]</i>

RANS 5-65, \$/W 08011420, N606DJ

DATE _____

TACH.

INSPECTION OR MAINTENANCE PERFORMED

[illegible]

DATE: 12/01/04

BLOOMINGTON AVIONICS, INC

REG #: N 606DJ

MODEL: RANS S-6S

S/N: 08011420

AIRCRAFT TIME: (HOBBS) 15.6

The primary altimeter has been tested and failed MAKE FALCON GAUGE, MODEL-ALT201NF-3, S/N-ALT00100011. Replaced unit with a new Altimeter MAKE-UNITED INSTR., MODEL-5934P-3, S/N-442805. The new Altimeter has been tested in accordance with FAR 43, Appendix E, paragraph (b) to an altitude of 20,000 feet MSL.

The Altitude Reporting System has been inspected and tested to an altitude of 20,000 feet MSL in accordance with FAR 43, Appendix E, paragraph (c). MAKE-TCI, MODEL-SSD120-30A, S/N-A53901.

The system has been inspected at test points required for correlation between it and the transponder.

The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Transponder, MAKE-KING, MODEL-KT-76, S/N-8305.

Appendix F: Transponder, Mode C, Mode S, and Altitude Reporting System meet FAR 91.411

Static system was not checked at this time.

The Aircraft/Appliance identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Performed details of the work performed are on file at this repair station.

SIGNED _____
BLOOMINGTON AWONICS, INC.
BLOOMINGTON, ILLINOIS 61704

W.O.

DAT

DATE 12-7-69
BLOOMINGTON-NORMAL AIRPORT
REPAIR STATION MB5R035N

DATE: 12/01/04

BLOOMINGTON AVIONICS, INC

REG #: N 606DJ

MODEL: RANS S-6S

S/N: 08011420

AIRCRAFT TIME: (HOBBS) 15.6

Checked and adjusted existing Whiskey Compass. Used BARFIELD Master Compass, P/N-101-01200, S/N-137. New correction card made as required.

The Aircraft/Appliance identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Performed details of the work performed are on file at this repair station.



SIGNED
BLOOMINGTON AVIONICS, INC.
BLOOMINGTON, ILLINOIS 61704

W.O. # 11315

DATE 12-1-04

BLOOMINGTON-NORMAL AIRPORT
REPAIR STATION MB5R035N

4-9-05	26.1	RETORQUED PROPELLOR TO 200 IN. LBS. PERFORMED OIL CHANGE. INSTALLED 3 QTS PENZOL 20W-50 MOTORCYCLE OIL AND ROTAX OIL FILTER PART # 825701, GROUND CHECK OK. COMPLIED WITH AD 2005-01-14, REMOVED OIL DIPSTICK P/N 956150 AND REPLACE WITH THE CORRECT NEW DIPSTICK WITH A DIFFERENT PART NUMBER. AIRCRAFT FOUND IN AIRWORTHY CONDITION
6-4-05	40.1	

INSPECTION AND MAINTENANCE RECORD

DATE	TACH.	INSPECTION OR MAINTENANCE PERFORMED
6-4-05	40.1	I CERTIFY THAT THE PRESCRIBED FLIGHT TEST HOURS HAVE BEEN COMPLETED AND THE AIRCRAFT IS CONTROLLABLE THROUGHOUT ITS NORMAL RANGE OF SPEEDS AND THROUGHOUT ALL MANEUVERS TO BE EX- ECUTED, HAS NO HAZARDOUS OPERATING CHAR- ACTERISTICS OR DESIGN FEATURES, AND IS SAFE FOR OPERATION. THE FOLLOWING AIRCRAFT OPERATING DATA HAS BEEN DEMONSTRATED DURING THE FLIGHT TESTING: SPEEDS V _{SO} 38 MPH, V _X 55 MPH, AND V _Y 75 MPH. AND THE WEIGHT 959 LBS. AND C.G. LOCATION 62.91" AFT OF DATUM AT WHICH THEY WERE OBTAINED. REPAIRMAN CERT. # 3003642.
7-31-05	54.4	COMPLIED WITH ROTAX SB 912-043. REMARKED REALINE ON CYL. HEAD TEMP. GAUGE TO 115°C

INSPECTION AND MAINTENANCE RECORD

DATE	TACH.	INSPECTION OR MAINTENANCE PERFORMED
4/8/06	79.5	REPLACED FUEL FILTER - DISASSEMBLED & CLEANED BOTH CARBURETORS. RETORQUE PROPELLOR TO 200 IN. LBS. @ 60° F. CHANGED OIL AND FILTER. FILLED W/ 3RT3. HAVE ONE SW-30 DURABLEND. TOPPED OFF COOLANT WITH HANOLINE PROBLAND COOLANT. GAPPED AND INSTALLED NEW SPARK PLUGS. PERFORMED COMPRESSION CHECK AND CARB. SYNCHRONIZATION. CLEANED AIR FILTERS. ENGINE CHECK SATISFACTORY. AD'S 126 AND 128 COMPLIED WITH AIRFRAME - REMOVED + RELUBRICATED NOSE STRUT ASSEMBLY. REMOVED ALL WHEELS - RELUBRICATED BOTH NOSE WHEEL BEARINGS AND OUTSIDE BEARING ON LEFT BOTH LEFT AND RIGHT MAIN GEAR. BLED BOTH BRAKES AND TOPPED OFF W/ MIL. SPEC 5006 FLUID. LUBRICATED ALL CONTROLS. BATTERY CHECK IS OK. 10/1/2006 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED ON 4/8/2006 IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D TO PART 43 AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION. Mike Pj REPAIRMAN CERT # 3003642.
4/8/06	79.5	INSTALLED NEW ELT BATTERIES - CHANGE BY 04/2007.

INSPECTION AND MAINTENANCE RECORD

DATE	TACH.	INSPECTION OR MAINTENANCE PERFORMED
9-15-2006	105.0	REMOVED GLOVE BOX & INSTALLED AIR GIZMOS DOCKING STATION FOR A GARMIN 296. HARD WIRED POWER TO 296. - END - Mike Pj A#P462634580 JA.
02/23/09	121.5	Relubricated Prop to 200 in. lbs. - Jack R Bell
02/27/07	124.3	Removed Oil & Filter. Filled w/ 3 qts of Valvoline 10W-40 Dana Blend. Installed new oil filter. Ran Engine Check - No Leaks - Checked Sat. Factory. Jack R Bell
4-5-07	137.6	ADDED SECOND COM (ICOM A200) & COM ANTENNA (COMANT CI122). REPLACED P.S. ENGINEERING PM 2000 INTERCOM WITH NEW PMA 4000 INTER COM / AUDIO PANEL. Mike Pj A#P462634580 - END

INSPECTION AND MAINTENANCE RECORD

TACH.

INSPECTION OR MAINTENANCE PERFORMED

33.8

DATE 4/19/07 WO# 13669 N# 6060J

TRANSPONDER GTX320A ENCODER A-30
The altimeter and automatic pressure altitude reporting system has been tested and inspected per FAR 91. 217, and found to comply.
The transponder has been tested and inspected per FAR 91. 413, and found to comply with Appendix F of Part 43.

PIPPEN-YORK, INC.
555 Airport Road
Fredericksburg, TX 78624
FAA CRS FMZR327K

INSPECTION AND MAINTENANCE RECORD

TACH.

INSPECTION OR MAINTENANCE PERFORMED

4-2201	141.8
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RE-TORQUED PROP, CHANGED OIL AND FILTER,
INSTALLED NEW SPARK PLUGS, CHANGED ELT
BATTERIES - DUE AGAIN 4-08, INSTALLED NEW
FUEL LINES IN WINGS AND FUSELAGE. ~~~~~
ASP 448941285 Wign C/H

4-27-07	141.8
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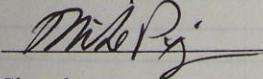
I certify that this aircraft has been inspected on 4-27-07 in accordance with the scope and detail of FAR 43 Appendix D, and was found to be in a condition for safe operation.

Signature W. H. H.

AIRFRAME & PP
Certificate Type

448941285
Certificate #

INSPECTION AND MAINTENANCE RECORD

DATE	TACH.	INSPECTION OR MAINTENANCE PERFORMED
9/14/07	465.4	KT7C Xmas Repaired, but cold funct. tested by Bever-Rabell, Inc/Wichita, KS
		<u>11/29/2007 Rans S-6S N606DJ</u>
		Install a fabulous Garmin 150XL GPS and GA56 GPS antenna in accordance with Garmin Installation Manual P/N: 190-00067-62, Rev E, dated 04/98. I certify that the work performed on the aircraft has been performed satisfactorily and per current Federal Aviation Administration Regulations and is approved for return to service only for the work performed.
		
		Signed
		Mike Pippin A&P462634580 I.A.

LIFE LIMITED PARTS

DATE	TACH.	PART	REPLACEMENT REQUIRED
11/17/07	R2.2	Replaced Rectifier Regulator Reinstalled Rebuilt Strobe Power Supply & Strobe Strobe/Nav Light. Checked Voltage Output & Meter, Strobes/Nav Lights. Flew 11/18/07 to verify all functioning OK. Inspected all Taps at the Ends of all Brake Cables on Tail. No defects Found.	
total			

RANS AIRCRAFT MAINTENANCE LOG #2

N 606DJ

MODEL NUMBER 565 MODEL NAME Coyote
 SERIAL NUMBER 08011420 DATE OF MANUFACTURE 9/04
 ENGINE TYPE Rotax 912 ULS HORSEPOWER 100
 REGISTERED OWNER Joe R Bell
 STREET & NO. 306 Heritage Hills Dr
 CITY, STATE, ZIP FREDERICKSBURG, TX 78624
 Engine Serial # 4427593

INSPECTION AND MAINTENANCE RECORD

DATE	TACH.	INSPECTION OR MAINTENANCE PERFORMED
01/27/08	177.3	Removed Oil & Filter. Refilled Oil Tank w/ 3 Qts of Valvoline Dren Blend 10-40 and installed New Rotax RB-C308 Oil Filter. Replaced Gump on Insulated Oil Line coming from Oil Cooler. R&R Engine / Checked for leaks. Everything OK.
01/29/08	177.3	Replaced Rear Handle on Starboard (Right) Side Door. JRB
05/09/08		Replaced Spark Plugs. Replaced Left Lower Exhaust Retainer Spring at muffler. SAFETY Exhaust Springs and Applied Vibration Dampening Compound to Springs. Replaced Starter Switch with Pushbutton Switch rated for DC Current. ELT Installation INSPECTED AND TESTED PER FAR 91.207. Applied 2 inch Round Fabric Patch to Small Tear in Fuselage Fabric at Upper RH
		Cont. Next Page

INSPECTION AND MAINTENANCE RECORD

DATE	TACH.	INSPECTION OR MAINTENANCE PERFORMED
From prev page:		CORNER OF BAGGAGE COMPARTMENT. CHECKED LANDING GEAR AND BRAKES. CHECKED NAVIGATION, INSTRUMENT AND ANTI COLLISION LIGHTS. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE AND DETAIL OF F.A.R. 43, APP. D. AND WAS DETERMINED TO BE IN CONDITION FOR SAFE OPERATION.
		<i>[Signature]</i> AP 461802451A
09-04-08	205.5	INSTALLED NEW OIL PRESSURE TRANSDUCER RAN ENGINE AND CHECKED FOR PROPER INDICATION
		<i>[Signature]</i> AP 461802451

INSPECTION AND MAINTENANCE RECORD

DATE	TACH.	INSPECTION OR MAINTENANCE PERFORMED
05 Oct 05	213.5	REMOVED OIL FILTER. REMOVED AND CHECKED MAGNETIC OIL PLUG. REFILLED OIL TANK WITH 3 QTS OF VALVOLINE DURABLEND 10-40 OIL. REPLACED OIL FILTER WITH NEW ROTAX RB-308 OIL FILTER. RAN ENGINE AND CHECKED FOR LEAKS. EVERYTHING OK - JRB
11 Apr 09	237.5	DEPENDED OIL. REPLACED OIL FILTER WITH FRANK PH 3614 OIL FILTER. CHECKED + CLEANED MAGNETIC PLUG. REFILLED OIL CONTAINER WITH 3 QTS OF VALVOLINE DURABLEND 10W-30. CHANGED DRAIN PLUG TO 2 QUARTS QUICK DRAIN VALVE PLUG. SAFETY WIRE LOCK SPRING. RAN ENGINE AND CHECKED FOR LEAKS. DID VISUAL INSPECTION OF ENGINE, MUFFLER, ETC. EVERYTHING OK. - JERR BELL

1875 Airport Loop Rd. Kerrville, Texas 78028
830-257-8840

Installed new NGK DCPR8E-4339 spark plugs. Removed muffler and sent to Dawley Aviation for repair of cracked endplate. Reinstalled muffler and replaced left muffler isolation damper. Replaced rocker cover gaskets. Repaired ELT remote switch cable at ELT end. ELT installation inspected and tested in accordance with FAR 91.207. I Certify this Aircraft has been inspected in accordance with the Scope and Detail of FAR 43, App. D, and was determined to be in condition for safe operation.

John C. Dozier
AP461802451 IA

[Signature]

DATE	TACH.	INSPECTION OR MAINTENANCE PERFORMED

DATE		DESCRIPTION OF MAINTENANCE PERFORMED
16 May 09	242.2	Replaced 23 Receptacle #302 and 22 1/4" Taper Steel Port #180 w/ 23 1/4" Nut Plates part # K-1000-2 AND 23 1/4" 1/2" SS Teece Head Service Jack Bolt
025 Sep 09	252.9	Chg'd oil. Drained old oil, removed + checked Mag plug, cleaned + replaced, torqued to 222 inch pounds, removed old oil filter, replaced oil filter w/ FRAM 3614, added 3 qts of Valvoline Durp Blend 10W-30. Ran engine + checked for leaks. Everything OK. Joe R Bell
12 Jun 10	286.8	Chg'd oil. Drain old oil, removed + checked Mag Plug, Replaced Mag Plug, removed old filter, installed New Filter (Fram 3614), Added 3 qts of Durp Blend 10W-30, Refueled Prop (200 inch pounds, Ran Engine, Everything OK. Received Joe R Bell

DATE _____ WO# _____ N# _____

TRANSPONDER
The altimeter and automatic pressure altitude
reporting system has been tested and inspected per
FAR 91.217, and found to comply.
The transponder has been tested and inspected per
FAR 91.413, and found to comply with Appendix F
of Part 43.

DATE 10-22-09 WO# 14451 N# 606DJ
King KT76 Transcal
ENCODER SSD120

TRANSPONDER
The altimeter and automatic pressure altitude
reporting system has been tested and inspected per
FAR 91.217, and found to comply.
The transponder has been tested and inspected per
FAR 91.413, and found to comply with Appendix F
of Part 43.

Greg York

Pippen-York, Inc.
Dba A Flying Machine Company
555 Airport Road
Fredericksburg, Texas 78624
830-997-8205 F.A.A. C.R.S. FMZR327K

INSPECTION AND MAINTENANCE RECORD

DATE	TACH.	INSPECTION OR MAINTENANCE PERFORMED
2/5/010	287.3	TRIED RA BRAKE, SERVICED WITH FLUID AS REQUIRED. NO FURTHER DEFECTS NOTED <i>COREY L. VAD 3364941</i>
06/11/10	304.6	OIL CHG - Drained old oil - Replaced, eka, & cleaned MAG. Fluc - Replaced old oil Filter - Replaced with new FRM PH 361-1 - Added 3 qts of Havoline Dura Blend 10W-30 - Torque Prop to 222 inch pounds - RAN Engine - All OK Joe R. Ser
7-02-10	Tac 309.5	Completed Inspection. Cleaned And Serviced Induction Air Filters. Synchronized Carburetors with Carbmate Electronic Sync. Kit. Installed New Sparkplugs PN NGK DCFRPE-4339 AND lubed/torqued to 180 in/lbs. Checked EHT Operation And Battery Date As Per FAR 91.207D Battery Next Due MAR 2011 — Continued —

INSPECTION AND MAINTENANCE RECORD

DATE	TACH.	INSPECTION OR MAINTENANCE PERFORMED
7-02-10	—	CONTINUED — CHECKED BRAKES AND TIGHTENED FITTINGS ON MASTER CYLINDERS. CHECKED ALL CONTROLS AND ATTACH FITTINGS. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE AND DETAIL OF FAR 43 APP. D, AND WAS DETERMINED TO BE IN CONDITION FOR SAFE OPERATION. R. R. Faulkner AIP 1993252
08 Jan 11	332.3	OIL CHG - DRAINED OLD OIL. REPLACED FILTER. CHG MAG PLUGS. PUT IN 3 QTS. OF VALVOLINE PWR-BLENDED 10W-30. TORQUED PROP TO 232 INCH POUNDS - RAN ENGINE - ALL OK. J. R. Bell

INSPECTION AND MAINTENANCE RECORD

DATE	TACH.	INSPECTION OR MAINTENANCE PERFORMED
3/23/11	335.4	Replaced trim cockpit arm. with new unit. Repaired small wing tip damage on left prop. unit. Patched and painted. Return to service. J. R. Bell AIP 450110624
7/15/11	348.1	Replaced Power Sonic PS 12180 NB battery with a Universal Power Group UB12180. J. R. Bell
8-05-11	350.4	Completed Inspection. CLEANED AND SERVICED Induction Air Filters. CHANGED OIL AND Filter. SERVICED with Valvoline Synthetic Dura Blend 10W40. Installed New Sparkplugs PW NGK DCPRPE 4339 AND Lubo Torqued to 40 INCH. Retorqued Propeller TO 220 INCH. — CONTINUED —>

INSPECTION AND MAINTENANCE RECORD

DATE	TACH.	INSPECTION OR MAINTENANCE PERFORMED
Continued		→ Checked Oil Tank and Oil Pressure. Replaced OIL filter and checked spark plug. The spark plug was found to be OK. Checked and lubricated all controls. I certify that this aircraft has been inspected in accordance with the scope and detail of FAR 91.403 and was determined to be in condition for safe operation. Dale R. Faulkner A4P1993252
8-22-12	3877	Replaced the Supercharged Spark Plug in the left cylinder. J. C. C. C.

INSPECTION AND MAINTENANCE RECORD

DATE	TACH.	INSPECTION OR MAINTENANCE PERFORMED
8-22-12	Tach 3877	Completed Annual Condition Inspection CLEANED AND SERVICED Induction Air Filters. CHANGED Oil And Filter. CLEANED Oil Tank. SERVICED with Valvoline Synthetic Durablend 10W40. CLEANED Magnetic Drain Plug. CHECKED COMPRESSION. REMOVED AND REINSTALLED PROPELLER GEAR BOX FOR 400HR TWP. REMOVED AND REINSTALLED BOTH CARBURETORS FOR OVERHAUL. INSTALLED NEW RUBBER FLANGE ASSEMBLIES. SYNC BALANCE CARBURETORS. REPLACED ENGINE TO MOUNT RUBBER DONUTS. TORQUED PROPELLER TO 220" LBS. CHECKED TO OPERATION AND BATTERY DATE NEXT DUE 8-14. CHECKED AND LUBRICATED ALL CONTROLS. I. C. C. C. THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE AND DETAIL OF FAR 91.403 AND WAS DETERMINED TO BE IN CONDITION FOR SAFE OPERATION. Dale R. Faulkner A4P1993252

DATE TACH.

[illegible]

DATE 9-10-12 WO# 15414 N# 606 DJ

The altimeter and automatic pressure altitude reporting system has been tested and inspected per FAR 91.217, and found to comply.

The transponder has been tested and inspected per FAR 91.413, and found to comply with Appendix F of Part 43. *D. V. P. - ACP346-785*

Pippen-York, Inc.
 Dba A Flying Machine Company
 555 Airport Road
 Fredericksburg, Texas 78624
 830-997-8205 F.A.A. C.R.S. FMZR327K

DATE TACH.

PART

REPLACEMENT REQUIRED

		REPLACEMENT REQUIRED	
10/14/12	407.5	Drained Oil, Replaced with 3.2 qts of Valvoline Duraland 10W30, Changed Oil Filter. Did Run-Up. OK	Jack Bell
03/27/13	427.9	Removed Universal Battery UB1218. Replaced it with an Odyssey PC680MS-A	Jack Bell
6/3/13	436.3	Rotok Prop 13	Jack Bell
6/3/13	436.3	Rotok Prop 200" pounds	Jack Bell
6/5/13	436.4	Drained Oil. Replaced with 3.2 qts of Valvoline Duraland 10W30. Changed Oil Filter. Replaced with New Filter. Did Run-Up. Checked. All OK	Jack Bell

LIFE LIMITED PARTS

DATE	TACH.	PART	REPLACEMENT REQUIRED
9-16-83		Tach/Total Time 441.6	Completed Annual Condition Inspection
		Cleaned And Serviced Both Induction Air Filters.	Replaced Oil Filter.
		Replaced Magnetic Drain Plug With New Type.	Replaced All Sparkplugs With New NGK DCPRE.
		Replaced All 8 Spark Plug Connectors P/N 265 240.	Checked Compression #1-88 #2-88 #3-88 #4-88/90.
		Retorqued Propeller To 220 In-lbs.	Replaced Top Engine Baffle Seal.
		Replaced Broken Exhaust Spring And Installed Safety Wire On Remaining Springs	Replaced Top Fwd Oil Cooler Mount Bracket.
		Replaced Outboard Elevator Hinge Bolts.	Checked EIT Operation And Battery Date Per FAR 91-2075
		Battery Next Due 8-14.	I Certify That This Aircraft Has Been Inspected In Accordance With The Scope And Detail Of FAR 43 And Was Determined To Be In Condition For Safe Operation.
		Dale R Faulkner	ATP1993252

REPAIR AND INSPECTION RECORD

[illegible]

SRE New Log Book

Date 11-13-14

Aircraft Record General Information

Manufacturer RANS Model S-6S Coyote
 Serial 08011420 Registration Number N606DJ
 Date of Manufacture _____

Engine(s) currently installed:

Manufacturer ROTAX Model 912ULLS Serial 4427593
 Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer SENSENICH Model _____
 HUB Model _____ Serial _____ Serial _____
 Blade Model _____ Serial _____ Serial _____ Serial _____
 Blade Model _____ Serial _____ Serial _____ Serial _____

YEAR 20 <u>23</u> DATE <u>11/30/2023</u>	TOTAL TIME IN SERVICE <u>668</u>	Current Weight and Balance Information			
		Empty Weight	Empty CG	Useful Load	Remarks
		<u>694.2</u>		<u>505.8</u>	<u>CG Limits 2.5" - 73"</u> <u>Datum is Propeller Flange</u>
		<u>Nose WT 236.7</u>			<u>Nose Gear Arm 26"</u>
		<u>Left Main 237.4</u>			<u>Main Gear Arm 78"</u>
		<u>Right Main 220.1</u>			<u>Pilot Arm 72"</u>
					<u>Pass Arm 72"</u>
					<u>Baggage Arm 90"</u>
					<u>Alt + Baggage Arm 105"</u>

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-13-14	TACH	Total Time	AIRFRAME AND ENGINE	459.2 Completed Annual Condition Inspection Per RANS And Rotax Maintenance Manual. Changed Oil And Filter. Cleaned Oil Tank And Magnetic Drain Plug. Serviced With Valvoline Synthetic Blend 10W40. Cleaned Induction Air Filter. Replaced Rocker Cover Drains And Seals. Replaced Both Carb Bowl Seals. Replaced All Engine Mount Rubber Disc. Replaced Prop To 220TWS. Replaced ENT Batteries And Checked Operation Per FAR 91.407D Batteries Next Due 12-2019. I Certify That This Aircraft Has Been Inspected In Accordance With The Scope And Detail Of FAR 43, App D. And Was Determined To Be In Condition For Safe Operation.
				Dale R. Faulkner AYP1993252

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				 A/C REG-N606DJ Make: RANS Model: S6-S Coyote S/N 08011420 A/C Hobbs Time: 472.2 Eng: Rotax 912ULS S/N 4427593 Complied with the following Aircraft Inspections: - Airframe Conditional check IAW FAR Appendix D checklist Complied with the following Maintenance: - Troubleshoot electrical ignition system and found improper electrical wiring on start system (See LBE from Texas Gyro on Repairs and sign off) - Installed two new single pole Mag switches P/N MS35058-22, installed two independent ground wires and two independent open wires (22G) and ops checked good - Installed New S-6S Coyote II Hydraulic door lift kit (Pilot/Co-Pilot) per RANS Drawings 14X100DO dated 5/29/06 - Installed New STOL SPEED VG kit P/N 05-04458 IAW STOL SPEED installation instructions on-line and flight was performed and ops checked good - Removed water hose used as exhaust suspension and installed exhaust bumper mounts (2 ea.) P/N CA79072-000 - Installed one new section of Aero duct hose P/N 61-12 from ram air to heater box on firewall - Manufactured aluminum bracket to mount AOA transmitter on L/H wing strut for AOA P/N 10-05682(CYA-100), see LBE by Texas Gyro for system installation. Bracket was completed using AC4313 1B/2B - Removed cracked L/H wing strut upper plastic fairing P/N W-FSFF-L/H and installed new fairing same P/N and trimmed to fit. - Installed missing silicone sheets P/N KPPW0254 and replaced broken treaded bushings P/N KPPW0180 on oil cooler IAW RANS Tech Pubs. - Removed throttle cable system and installed new McFarlane Vernier-assist dual throttle system P/N MCTV0005D48 IAW McFarlane installation instructions and ops checked good - Relocated Carb Choke system forward firewall per RANS build manuals. Complied with following Engine Maintenance: - Complied with Rotax 50/100 hour inspection - Removed and replaced all eight (8) spark plugs P/N DCPR8E, using correct thermal paste and gapped to .6mm per Rotax MM 12-20-00 - Found two (4) Spark plug suppression caps out of limits #1B/#3B/#2T/#2B P/N 265-240 installed four new P/N 265-240 - Removed and installed Carb O/H kits P/N 999-521 and also complied with Rotax S/B 912-227 (New Floats) IAW Rotax Heavy MM and S/B - Installed new "Bully Hawk" soft start module P/N R5318S/N 120135 IAW installation instructions from Bully Hawk SSM 2009 - Found non-Rotax Fram oil filter installed, drained oil, installing new Rotax oil filter P/N 825-012 and serviced with new Rotax approved Aero shell sport plus 4 oil.

DATE	TACH TIME	FLIGHT	TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<i>Continued from page 1:</i> - Removed older style stator P/N 20-01 S/N 570306 and installed new Stator Assy. P/N 891-095 S/N 14.0083, installed new flywheel lock washer P/N 945-768 IAW Rotax Heavy 74.00.00 P48-51, assured Trigger coil gap setting to 0.012 - Installed start module bracket P/N 853-125 Per Rotax MM. - Removed and Replaced using new spark plug wire P/N 865-710 and protection tubing P/N 060-990 for #1B and #2B - Cleaned, oiled R/H Rotax K&N intake filter, replaced L/H filter with new Rotax K&N air intake P/N SP2704 - Removed and installed new fuel hoses from fuel pump to carbs with fire protection sleeves and crimped using double ear clamps locally manufactured hoses P/N PO-04 1/4 inch, 1113R - 1/2 Fire sleeve, steel union tee 5605-04-04-04-FG - Installed Thermo-Tec 1 X 15 exhaust wrap P/N 08-11151 on #1 and #2 exhaust pipes using Stap Strap 9" P/N 08-13150 IAW instructions with kit. Complied with following Propeller Maintenance: - By customers request, removed wooden prop P/N W68RR63 S/N AE7934 installed customer provided Warp Drive Three bladed prop and hub. The hub P/N HPL S/N none Was inspected using Dye Penetrant method per Warp Drive owner, and no cracks found, inspected three blade Assy. P/N T8191 S/N T819, applied 3M Stone-guard leading edge protective strips P/N A3MS. Installed using new hardware on blade cuffs, Main hub to engine flange. Adjusted blade pitch to 14 degrees per RANS Tech support using Warp Drive Protractor P/N APRO. Installed new spinner and hardware. Follow-on Maintenance performed: - Performed ground runs and checked for leaks, none noted - Performed Carbs synchronizing IAW Rotax MM - Performed Prop balance using DYNA-VIBE to .07 @ 157 degrees - Performed Radio ops checks, no anomalies noted - Re-torqued Prop and Hub bolts after ground runs - New W&B was calculated, placed in POH (New empty weight 690.89) (New Arm 41144) (New moment 28392.35) - Performed maintenance flight with no abnormalities noted. I certify this aircraft has been inspected for an annual condition inspection IAW with the scope and detail of 14 CFR part 43 Appendix D, Rotax Technical publications, RANS technical publications and AC4313.1b/2b and find aircraft safe for flight in regards to work performed <i>[Signature]</i> Gregory [Signature] 48174 3607219 IRMT 912/914 Line/Service /Heavy certified 12/2/2015

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				13551 Wing Way Avenue Suite 201 Burleson, TX 76028 FAA CRS T69R487X TexasGYRO Rans S-6S S/N 08011420 N606DJ AC Total Time 471.2 Replaced Starter and Battery wiring harness IAW Rotax I/M 912ULS, Rans S-6S Electric Drawing No. MS1460 and Advisory Circular 43.13-1B Chapter 12. Replaced Pitot-Static System plumbing and unions. The aircraft Pitot-Static system was tested IAW FAR 91.411 and was found to comply with FAR 43 Appendix E. Signed: <i>[Signature]</i> Date: 10 November 2015
				13551 Wing Way Avenue Suite 201 Burleson, TX 76028 FAA CRS T69R487X TexasGYRO Rans S-6S S/N 08011420 N606DJ AC Total Time 471.2 Installed General Technics CYA-100 Angle of Attack Sensor System, Display Processor P/N TAOA-100-1 S/N A000101, Vane Probe P/N TAOA-100-2 (NSN), in accordance with ACK Emma LLC Installation Manual CYA-100-3 Revision H dated October 2014 and all applicable sections of Advisory Circular 43.13-1B Chapter 11 and Advisory Circular 43.13-2B Chapters 1 and 11. Signed: <i>[Signature]</i> Date: 25 November 2015

YEAR 2016 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5/29				Remove & Replace Main tires w/ 21x8.00x6, New nose fork wheel & tire (6x6x6) Modified Rans tundra fork to allow tire clearance welded 4130 extension increase of 12.6 #s mains, 5.2 #s nose 17.8 #s total Big bore zipper modification installed by Hae Stockman (1484) High comp. 114 h.p. Macman (leaner mixture control) installed, EGT probes installed on 3, 4 exhaust manifolds
Mains - old 6.5 #s, 6.7 #s nose fork, axle, wheel, tire & tube (8.3 #s) 5/29/16 New TIRE & TUBE MAINS 12.9 X2 New nose fork tire wheel 13.6 #s increase of 12.6 mains increase of 5.2 nose 17.8 #s total				Inspected this airplane and engine in accordance with FAR 43 App D and determined it to be in condition for safe operation. EGT inspected in accordance with FAR 91.207. Operation was normal. Allen Rickman AP 21771711.A.

YEAR 2016 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6-2-18	525.7	/	525.7	Inspected this Aircraft and engine in accordance with FAR 43 Appendix D and determined it to be in condition for safe operation. EGT was inspected in accordance with FAR 91.207(d). Operation was normal. Allen Rickman AP 21771711.A.
6-15-19	579.7	/	579.7	Inspected this Aircraft and engine in accordance with FAR 43 Appendix D and determined it to be in condition for safe operation. EGT inspected in accordance with FAR 91.207. Operation normal. Allen Rickman AP 21771711.A.

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7-25-20	611.5	/	611.5	Inspected this Aircraft and engine in accordance with FAR 43 Appendix D and determined it to be in ^{Condition} for safe operation. Installed new ELT Batteries. Next change due (2024) ELT tested OK in accordance with FAR 91.207 Allan Rickman AP2177171
10/14/23	622.3	/	622.3	Inspected this aircraft and engine in accordance with FAR 43 Appendix D and determined it to be in Condition for safe operation. ELT tested OK in accordance with FAR 91.207. Allan Rickman MP2177171

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/21/2023	665.5	0	665.5	Aeroprakt USA Annual Condition Inspection completed on N606DA. 10/21/2023 I, Dennis Long certify that this aircraft has been inspected in accordance with scope and detail of 14 CFR part 43, appendix D; and was found to be in a condition for safe operation. Dennis Long LSRM# 3603104 Signed <u>Dennis Long</u> Hrs 665
11/30/2023	668.3	0	668.3	check Replaced Spark Plugs - Comp 86/87-86/87-84/87-86/87- Replaced Water Temp sensor & Gauge. New Weight & Balance Dennis Long <u>Dennis Long</u> LSRM-A 3603104