

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	

**PRAIRIE
air**

ENGINE LOG

DATE	MAKE/MODEL	TACH	TTE	REGISTRATION	S/N
10/17/2019	TCM IO-550-R	2921.9	0	N3266Q	1037555

INSTALLED TCM IO-550-R S/N 1037555 INTO N3266Q THIS DATE AND TIME I/A/W STC # SA10145SC PER DOCUMENT #19151002 REV (A) DATED JULY 30 2003. FOR DETAILS OF ABOVE ALTERATIONS REFER TO FAA FORMS 337 AND ICA DATED 10/17/2019. COMPLETED ANNUAL INSPECTION THIS DATE AND TIME. ALL WORK DONE I/A/W APPLICABLE PORTIONS IO-550 MM FORM # X30565 & X30586A AND CURRENT TCM SERVICE INFORMATION THROUGH 10/2019. NOTE CURRENT AD LISTING WITH SAME DATE AND TIME IN AIRCRAFT RECORDS. NO AD'S DUE AT THIS TIME. PERFORMED DIFFERENTIAL COMPRESSION CHECK I/A/W TCM SB03-3, LOWEST ALLOWABLE PRESSURE IS 44 PSI, ALL RESULTS OVER 80 PSI: #1 75, #2 76, #3 75, #4 75, #5 74, #6 75. CLEANED, INSPECTED, GAPPED AND ROTATED ALL SPARKPLUGS. CHECKED MAGNETO TIMING AFTER WORK I/A/W TCM MSB94-8C. DE-PRESERVED ENGINE I/A/W TCM SIL99-1. SERVICED ENGINE WITH AEROSHELL 100W MINERAL. SETUP FUEL INJECTION SYSTEM I/A/W TCM SID97-03 ALL WORK DONE I/A/W APPLICABLE PORTIONS IO-550 MM FORM # X30565 & X30586A AND CURRENT TCM SERVICE INFORMATION THROUGH 1/2016. COMPLETED ENGINE RUN-IN (60 MINUTES), BREAK-IN (130 MINUTES) AND COMPLETE SYSTEMS SET UP, AND LEAK CHECK, NO DEFECTS NOTED. CHANGED ENGINE OIL INSPECTED SYSTEM SCREENS AND FILTERS NO DEFECTS NOTED.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME.

X [REDACTED] JOSEPH V. LARUE A/P [REDACTED]

operations
number of
entries.)

May 24, 2019

identified above was repaired and
General Aviation Administration and is
on file at this repair station under:

PRAIRIE
air

AIRFRAME LOG

DATE	MAKE/MODLE	TACH	HOBBS	TT	REGISTRATION	S/N
10/17/2019	BONANAZA A36	2921.9	2921.9	2921.9	N3266Q	E-2966

COMPLETED AIRCRAFT ANNUAL INSPECTION THIS DATE AND TIME. PREFORMED ROUTINE SERVICING AND LUBRICATION.
ALL INSPECTIONS AND WORK I/A/W APPLICABLE PORTIONS OF BEECHCRAFT A36 M/M P/N 36-590001-9 AND ANNUAL INSPECTION GUIDE P/N 98-32227N AND
APPLICABLE SERVICE INSTRUCTIONS THRU 10/2019. C/W AD 76-07-12 R1 (ED 08/30/1977) BENDIX SWITCH INSPECTION. NO DEFECTS NOTED, NEXT DUE @ TT 3021.9.
NOTE CURRENT AD LISTING WITH SAME DATE AND TIME IN AIRCRAFT RECORDS. PREFORMED ELT OPERATIONAL CHECK I/A/W FAR 91.207. INSTALLED TCM IO-
550-R ENGINE I/A/W STC # SA10145SC-D PER DOCUMENT #19151002 REV (I-R) DATED MARCH 25, 2010. FOR DETAILS OF ABOVE ALTERATIONS REFER TO FAA FORMS
337 AND ICA DATED 10/17/2019. INSTALLED TANIS ENGINE PREHEAT SYSTEM I/A/W STC # SE03309CH PER DRAWING #02927-115 REV (E) DATED APRIL 12, 2019 AND
DOCUMENT #TPN2927 REV (C) DATED APRIL 12, 2019. FOR DETAILS OF ABOVE ALTERATIONS REFER TO FAA FORMS 337 AND ICA DATED 10/17/2019. INSTALLED
WILCO INC. LED POSITION AND RECOGNITION LIGHTS I/A/W STC # SA01904WI PER DOCUMENT #07210-006-A-28 DATED AUGUST 23, 2019. FOR DETAILS OF ABOVE
ALTERATIONS REFER TO FAA FORMS 337 AND ICA DATED 10/17/2019. INSTALL NEW CONTROL CABLES, REMOVE OLD CONTROL CABLES, AND INSTALLED NEW
CABLES PER INSTRUCTIONS AND A36 MANUAL PARTS: 1 EA 19156036, 1 EA 19156036-21, 1 EA 19156034-2, 6 EA 1915220, 2 EA 131765-1. ROUTE WIRES FROM WING TIP
RECOGNITION LIGHTS TO NEW SWITCH. INSTALLED NEW SWITCH INTO PANEL, HOOKED UP NEW WIRES, & ROUTED WIRE TO POWER BUS BAR FROM SWITCH.
PARTS: 58' OF UNSHIELDED 16 GA WIRE, 1 EA 35-3801362-101, 4 EA 31890. REMOVE AND REPLACE BATTERY CONNECTIONS, CUT OFF OLD TERMINALS AND CALE
BACK TO REMOVE CORROSION, CRIMPED ON NEW TERMINALS AND INSTALLED HEAT SHRINK OVER THE TOP. PARTS: 2 EA A27184-ND, 3" 7/8" HEAT SHRINK.
FABRICATE NEW BRACKET FOR FUEL FLOW TRANSMITTER, FABRICATED NEW HOSES, AND INSTALLED ALL PARTS IN THEIR PROPER PLACES PARTS: 6 EA 491-4, 12
3/4" MIL-DTL-8794-41 EA 281-561-2-1/4, 6 EA NAS1149F0563P, 2 EA MS21042L5, 2 EA AN5-5A, 2 EA AN3-3A, 2 EA MS21044N3, 2 EA AN960-10, 3.75X1.25" .050 ALUM, 4 EA
10781-4-22CR, 24.5" 11-4 MIL-STL-8794-4, 24.5" 2650-10 AS1072-10, 12.75" 2650-10 AS1072-10, 1 EA AN931-16-22. REMOVE AND REPLACE FLOOD LIGHT BREAKER SWITCH
WITH NEW ONE & HOOKED UP ALL WIRE'S PARTS: 1 EA 35-380132-101. TO FIT & INSTALL LANDING LIGHT & TRANSFORMER, MARK DRILL & INSTALL TRANSFORM,
MARK CENTER OF COWL & DRILL LANDING HOLDER & INSTALL NUT PLATES PARTS: 1 EA LSM-SCD-004-1, 6 EA MS21061L08. CLEANED BATTERY BOX, REMOVE
CORROSION AND TREATED WITH ACR 50, REBONDED SPACER. REPLACE FUEL CAP O-RINGS, REMOVED FUEL CAPS, REPLACED O-RINGS, REINSTALLED FUEL CAP
PARTS: 2 EA MS29513-010, 2 EA MS29513-338. WEIGH A/C & LEVEL, JACKED UP AIRCRAFT, SET ON SCALES, LEVELED AIRCRAFT PER THE MM, DEFUELED AC, MADE
SURE ALL EXTRA/PERSONAL ITEMS WERE REMOVED FROM THE PLANE & WEIGHED A/C. MAKE NEW PLACARDS FOR PANEL, USED NEW PLACARDING SYSTEM TO
PRINT OFF NEEDED PLACARDS & MADE NEW ALUMINUM PLATES AS NEEDED. REMOVE AND REPLACE #1 CHT PROBE WITH NEW ONE. TESTED NEW ONE TO
CHECK FUNCTION. FUNCTION CHECKED GOOD, SECURED WIRES WITH ZIP TIES. P/N: 1 EA 10-18500. TROUBLESHOOT GEAR WARNING LIGHT SYSTEM, FOUND
INTERMITTENT GROUND AT CONNECTOR, REPAIR SOCKET, FOUND GROUND PIN ON LIGHT ASSY ALSO INTERMITTENT, DISASSEMBLE & RE-TENSION SPRING,
TEST GOOD. PARTS: 2 EA 11-10946. INSTALL TANIS PARTS AND INSTALL, SECURED ALL LINE WITH ADELLE CLAMPS & ZIP TIES PARTS: 2 EA MS21919WDG-2, 2 EA
MS21919WDG-3, 2 EA MS21919WDG-22, 5 EA MS21919WDG-4, 5 EA MS21044N3, 8 EA AN960-10L, 2 EA AN526C1032R12, 2 EA MS27039-1-09, 1 EA TSP6CYL-2927-115, 1 EA
MS21919WDG-5, 1 EA MS21919WDG-7, 1 EA MS21919WDG-12, 1 EA MS21919WDG-18, 2 EA MS27039-1-09. INSPECT SHIMMY DAMPER, FOUND SERVICE GOOD,
REPLACED ONE MAIN BUSHING, DISASSEMBLE LOWER LINK & FABRICATE THIN BUSHING DRILL & REAM NOSE GEAR. C/W PROPELLER DYNAMIC BALANCE AND
SPECTRUM ANALYSIS. FOUND NO STANDBY LIGHT AND NO VOLTAGE OR AMPERAGE WAS REGISTERING ON GAUGES, START TROUBLESHOOTING SYSTEM FOR
COMMON PROBLEMS, NO PROBLEMS FOUND IN FIELD OR BATTERY SIDE OF ALTERNATOR, VOLTAGE SUPPLIED FROM REGULATOR AND VOLTAGE AT BATTERY
TERMINAL, CHECKED. START GOING THROUGH B&C TROUBLESHOOTING GUIDE, EVERYTHING CHECKED OUT UNTIL THE TEST FOR THE LIGHT ITSELF, CALLED
TO GET COPY OF INSTALLATION INSTRUCTIONS FOR THE WIRING DIAGRAM, FOUND INSTALLED INCORRECTLY IN AN ATTEMPT TO WIRE THE AIRFRAME PUSH
TO TEST SWITCH INTO THE SYSTEM. AIRFRAME SYSTEM SUPPLIES VOLTAGE TO LIGHTS TO TEST WHEREAS THE B&C SYSTEM PROVIDES A PATH TO GROUND.
REWIRE SYSTEM CORRECTLY AND TEST CHECKED GOOD, INVESTIGATE REST OF INSTALLATION AND FOUND STANDBY ALT WIRED INTO BUSS AT POSITION
THAT WOULD NOT PROVIDE ANY INDICATION OF VOLTAGE OR AMPERAGE. RE-KUN MAIN CABLE TO PROPER POSITION ON MAIN BUS. RUN UP SYSTEM AND TEST
ALL FUNCTIONS. OPS CHECK GOOD. INSTALL NEW BOLT ON SHIMMY ARM. PERFORMED GEAR OPERATIONAL AND RIGGING CHECKS AS REQUIRED FOR ABOVE
MAINTENANCE. GEAR OPERATION CHECK VIDEOED AND COPY IS ON FILE AT THIS FACILITY. PREFORMED GROUND OPERATIONAL CHECKS OF ALL SYSTEMS AS
REQUIRED FOR ABOVE MAINTENANCE. NO DEFECTS NOTED.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS
TIME.

JOSEPH V LARUE A&P

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**PRAIRIE
air** INC.

PROPELLER LOG

DATE	MAKE/MODLE	TACH	TT	REGISTRATION	S/N
10/17/2019	Hartzell PHC-J3YF	2921.9	0	N3266Q	FP9422

INSTALLED HARTZELL PHC-J3YF S/N FP9422 INTO N3266Q THIS DATE AND TIME I/A/W STC # SA10145SC PER DOCUMENT #19151002 REV (A) DATED JULY 30 2003. FOR DETAILS OF ABOVE ALTERATIONS REFER TO FAA FORMS 337 AND ICA DATED 10/17/2019.
COMPLETED ANNUAL INSPECTION THIS DATE AND TIME. NOTE CURRENT AD LISTING WITH SAME DATE AND TIME IN AIRCRAFT RECORDS. NO AD'S DUE AT THIS TIME.

I CERTIFY THAT
THIS TIME.

BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT

JOSEPH V. LARUE A/P

COMPONENT STATUS SHEET N32660

REGISTRATION	N3266Q	AFM SERIAL #	E-2966					CHANGE THE HOBBS TIME'S AND DATE, IN THE HIGHLIGHTED BOXES TO UPDATE THIS SHEET
MODEL	A36			ENG TT	0.0	SMOH	0.0	
OWNER	SCOTT WAGNER	DATE	10/17/2019	HOBBS	2921.9	A/C TT	2921.9	

AIRFRAME COMPONENTS

COMPONENT (EVENT)	P/N	S/N	INSTALLED OR C/W @ AC TT	HRS ON PART @ INSTALL	TBO	T/SN OR EVENT	DUE @ TT	A/C	% LIFE REM	HOURS REMAINING
VACUME FILTER	AAD9-14-5	NSN	TT 2861	TT 0	500 HOURS	60.9 HOURS	TT 3361		88%	439.1 HOURS
VACUME FILTER	2J4-7	NSN	TT 2861	TT 0	500 HOURS	60.9 HOURS	TT 3361		88%	439.1 HOURS
BATTERY #1 (RET)	RG24-16	40951701	TT 2890	TT 0	1800 HOURS	31.9 HOURS	TT 4690		98%	1768.1 HOURS

ENGINE COMPONENTS

COMPONENT (EVENT)	P/N	S/N	INSTALLED OR C/W @ AC TT	HOURS ON PART @ INSTALL	LIFE LIMIT	TSN	DUE @ TT	A/C	% LIFE REM	HOURS REMAINING
ENGINE ASSY (OH)	10-550-R6B	1037555	2921.9 HOURS	0 HOURS	2200 HOURS	0 HOURS	5121.9 HOURS		100%	2200 HOURS
PROPELLER (O/H)	PHC-J3YF-1RT	FP9422B	2921.9 HOURS	0 HOURS	2400 HOURS	0 HOURS	5321.9 HOURS		100%	2400 HOURS
PROP GOV (O/H)	D210680	1491119	2921.9 HOURS	0 HOURS	2200 HOURS	0 HOURS	5121.9 HOURS		100%	2200 HOURS
STARTER ADPTER (O/H)	642087A69	655714	2921.9 HOURS	0 HOURS	2200 HOURS	0 HOURS	5121.9 HOURS		100%	2200 HOURS
STARTER (O/H)	646275-1	H-P-271982	2921.9 HOURS	0 HOURS	2200 HOURS	0 HOURS	5121.9 HOURS		100%	2200 HOURS
ALTERNATOR #1	649305	O19DA023	2921.9 HOURS	0 HOURS	2200 HOURS	0 HOURS	5121.9 HOURS		100%	2200 HOURS
ALTERNATOR #2	BC410-1	9076634K	2921.9 HOURS	0 HOURS	2200 HOURS	0 HOURS	5121.9 HOURS		100%	2200 HOURS
AC COMPRESSOR	36-555003-1	SA4557	2921.9 HOURS	0 HOURS	2200 HOURS	0 HOURS	5121.9 HOURS		100%	2200 HOURS
MAGNETO L/H (O/H)	10-500556-1	D19DA049	2921.9 HOURS	0 HOURS	2200 HOURS	0 HOURS	5121.9 HOURS		100%	2200 HOURS
MAGNETO R/H (O/H)	10-500556-1	D19DA053	2921.9 HOURS	0 HOURS	2200 HOURS	0 HOURS	5121.9 HOURS		100%	2200 HOURS
THROTTLE BODY (O/H)	653353-3A2	A19CA063	2921.9 HOURS	0 HOURS	2200 HOURS	0 HOURS	5121.9 HOURS		100%	2200 HOURS
FLOW DIVIDER (O/H)	646433-3A2	C19DA021	2921.9 HOURS	0 HOURS	2200 HOURS	0 HOURS	5121.9 HOURS		100%	2200 HOURS
FUEL PUMP (O/H)	655921-4AF	B19DA106	2921.9 HOURS	0 HOURS	2200 HOURS	0 HOURS	5121.9 HOURS		100%	2200 HOURS
#1 AIR PUMP (O/H)	442CW	05E703	2921.9 HOURS	0 HOURS	1000 HOURS	0 HOURS	3921.9 HOURS		100%	1000 HOURS
#2 AIR PUMP (O/H)	216CW	184346	2921.9 HOURS	0 HOURS	1000 HOURS	0 HOURS	3921.9 HOURS		100%	1000 HOURS
OIL COOLER (O/H)	10359A	D19-14781-757	2921.9 HOURS	0 HOURS	2200 HOURS	0 HOURS	5121.9 HOURS		100%	2200 HOURS
AIR FILTER (RET)	BA-24	NSN	2921.9 HOURS	0 HOURS	100 HOURS	0 HOURS	3021.9 HOURS		100%	100 HOURS
SPARK PLUG (RET)	RHB32R	NSN	2921.9 HOURS	0 HOURS	400 HOURS	0 HOURS	3321.9 HOURS		100%	400 HOURS
EXHAUST (O/H)	MUL	NSN	2741.3 HOURS	0 HOURS	2200 HOURS	180.6 HOURS	4941.3 HOURS		92%	2019.4 HOURS

ENGINE RECURRING HOURLY AD'S & SB'S

DESCRIPTION	FREQUENCY	LAST (TACH)	LAST (DATE)	NEXT DUE	NOTES	% LIFE REM	REMAINING
SIL99-2B OIL CHANGE/INSP	50 HOURS	2921.9 TACH	10/17/2019	Hobbs 2971.9		100%	50 HOURS
100 HR INSP	100 HOURS	2921.9 TACH	10/17/2019	Hobbs 3021.9		100%	100 HOURS
SB96-12 ICA FOR CYLINDERS	100 HOURS	2921.9 TACH	10/17/2019	Hobbs 3021.9		100%	100 HOURS
SB03-3 CYLINDER COMPRESSION	100 HOURS	2921.9 TACH	10/17/2019	Hobbs 3021.9		100%	100 HOURS
SB-2-80C MAGNETO INSP 100	100 HOURS	2921.9 TACH	10/17/2019	Hobbs 3021.9		100%	100 HOURS

AIRFRAME RECURRING HOURLY AD'S & SB'S

AD, ASB #	INSPECTION TYPE	CW @ TACH	TIME	T SB	DUE @ HOBBS	% LIFE REM	HOURS REMAINING
76-07-12R1	BENDIX SWITCHES	2921.9 TACH	100 HOURS	0 HOURS	TT 3021.9	100%	100 HOURS

CALENDAR INSPECTIONS

INSPECTION	DATE INSP. C/W	EVENT LIFE	TIME SINCE LAST EVENT	DUE ON DATE	% LIFE REM	DAYS REMAINING
24 MONTH ALTIMETER CHECK	07/30/18	720 DAYS	444 DAYS	7/19/2020	38%	276 DAYS
24 MONTH ENCODER CHECK	07/30/18	720 DAYS	444 DAYS	7/19/2020	38%	276 DAYS
24 MONTH PITOT STATIC LEAK CHECK	07/30/18	720 DAYS	444 DAYS	7/19/2020	38%	276 DAYS
24 MONTH TRANSPONDER CHECK	07/30/18	720 DAYS	444 DAYS	7/19/2020	38%	276 DAYS
24 MONTH ELT BATTERY REPLACEMENT	06/08/18	720 DAYS	496 DAYS	5/28/2020	31%	224 DAYS
12 MONTH ELT BATTERY ANNUAL INSPECTION	10/17/19	365 DAYS	0 DAYS	10/16/2020	100%	365 DAYS
12 MONTH ANNUAL INSPECTION	10/17/19	365 DAYS	0 DAYS	10/16/2020	100%	365 DAYS
3 YEAR #1 BATTERY REPLACEMENT	08/18/19	1095 DAYS	60 DAYS	8/17/2022	95%	1035 DAYS
12 MONTH AIR FILTER REPLACEMENT	10/17/19	365 DAYS	0 DAYS	10/16/2020	100%	365 DAYS
3 YEAR AIRCRAFT FED RE-REGISTRATION		1095 DAYS	43755 DAYS	5/31/2020	21%	227 DAYS
12 YEAR MAGNETO OVERHAUL SB-2-80C	10/17/19	4380 DAYS	0 DAYS	10/14/2031	100%	4380 DAYS