

Turbine Power Technologies

Engine Logbook

Turbine Power Technologies

Engine Logbook



Engine Model No. *W1601* *.....*

Serial No. *852045* *.....*

Turbine Power Technologies
Serial Number:

Date of Manufacture: 1985 Date of 1st Rebuild
Date of 2nd Rebuild: 2014 Date of 3rd Rebuild

Engine Accessories Serial Numbers:

Name	Part Number	Serial Number
Propeller Tach Gen Np/N2	LUN 1333.12-8	8503451
Compressor Tach Gen Ng/N1	LUN 1333.12-8	8503401
Propeller Governor	LUN 7815.02-8	1464768
Fuel Control Unit	LUN 6590.03-8	913028
Fuel Pump	LUN 6290.03-8	861017
Starter Generator	LUN 2132.01-8	534028



Engine Times Summary:

Name	Time Since New	Life Limit	Remaining
Engine Assembly	2860	6000	3140
Fuel Pump	2860	6000	3140
Fuel Control Unit	2860	4500	1640
Propeller Governor	0	4500	4500
Starter Generator	2860	6000	3140

Maintenance Program: This engine is maintained in accordance with the Turbine Power Technologies, Inc. 300 hour maintenance program. No substitutions are allowed unless they are approved by the appropriate aviation authority and Turbine Power Technologies, Inc. Copies of the Turbine Power Technologies 300 hour maintenance program can be obtained from Turbine Power Technologies, Inc.

Zip

Zip

Zip

Zip

These are the recommended turbine oils that can be used:

1. AeroShell Turbine Oil 500
2. AeroShell Turbine Oil 555
3. AeroShell Turbine Oil 560
4. Mobil Jet Oil 11
5. BP Turbo Oil 2380
6. Castrol 599

The most common oil found at FBO's is the BP Turbo Oil 2380.
No mixing of oil is permitted.

FCU to be serviced every 6 months.

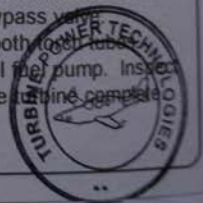
YEAR 2014 DATE	TACH TIME	CYCLES	TT SINCE NEW	TT SINCE REBUILD	Description of Inspections, Tests, Repairs and Alterations. Entries must be endorsed with Name of Technician or Repair Facility.
9/23			2860	0	Totals brought forward

IRAN on Turbine serial # 852045.

09-23-2014

Hobbs: 1059.4

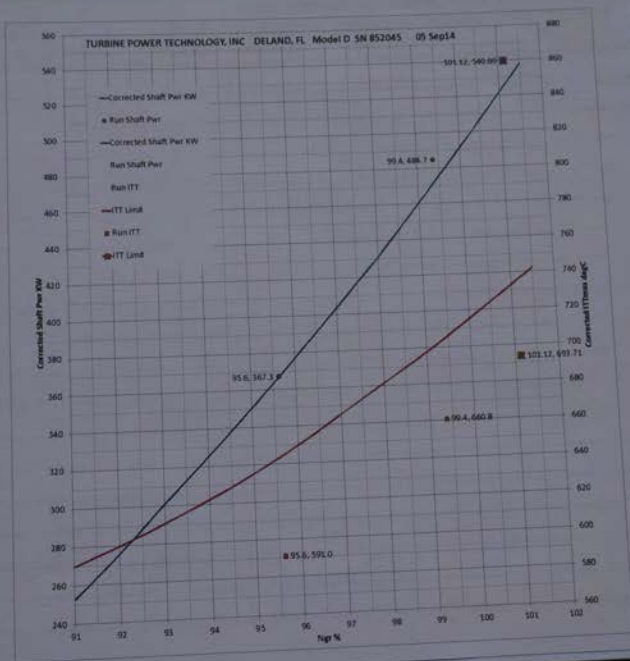
Dismantle, inspect and clean. Repair 19 blades on 1st stage shaft compressor. Repair 23 blades on 2nd stage shaft compressor. Repair all blades on 1st stage stator compressor. Repair 8 blades on 2nd stage stator compressor. Used original compressor turbine wheel for E turbine. Repair 6 compressor turbine blades. Replace compressor turbine wheel cup washers. Repair inner combustion chamber. Nickel and ceramic coat inner combustion chamber. Check outer combustion chamber stator and repair manifold locks. Repair fuel manifold and machine. Check rivets on outer combustion chamber. Repair stator lug supports, nickel and ceramic coat. Check vanes on vane diffuser assembly. Repair 3 diffuser blades. Replace (N205) compressor turbine bearing and lockwasher. Replace (QJ206) main centrifugal shaft thrust bearing. Assemble turbine shaft complete and balance. Compressor side 10.0 brought to 0.1 grams. Turbine side brought from 10.01 to 0.2 grams. Dismantle front gearbox, clean and inspect. Re-assemble and balance front gearbox. Check compressor labyrinth seal. Check centrifugal casing. Inspect power turbine and found satisfactory. Check deflector plate. Check and thermocouples. Remove and sonic clean all screen filters. Replace oil filter. Dismantle, clean, inspect pressure and bypass valve. Dismantle, clean, inspect and fit blow off valve. Rebuild both atomizers. Replace both fuel tubes. Replace derating pump seal. Clean and inspect rear gearbox. Replace mechanical fuel pump. Inspect starter generator, replace bearings and seal. Fit new Avia prop governor. Assemble turbine complete. Test run on test stand.



Model D SN 852045

Run Date 5-Sep-14

	CRUISE	MAX
Ta (OAT °C)	24	24
Pa (atm pres inHg)	30.13	30.13
N1 (%)	97.1	100.9
N2 (rpm)	1800	2010
ITT (°C)	618	690
Oil Pressure (psi)	39	40
Oil Temp (°C)	130	121
Fuel Flow (gph)	61.1	71.8
Torque (psi)	110	130
Torque (mPa)	0.9	0.9
Torq 100% (psi)	131	131
Mk (%)	84.3	99.6
Ngr (%)	95.6	99.4
ITTr (°C)	591.0	660.8
Nhr (Kw)	367.3	484.7
Calculated Parameters		
Ng% at 540Kw	101.1	
ITT at Ng%: 540Kw	693.7	





YEAR	TACH		TT	TT	Description of Inspections, Tests, Repairs and Alterations. Entries must be endorsed with Name of Technician or Repair Facility.
DATE	TIME	CYCLES	SINCE NEW	SINCE REBUILD	

Turbine serial #: 852045.

10-29-2015

TT 2879.1

TSIRAN 19.2

Tach 494.8

I certify that a 100 hour inspection was performed in accordance with TPT 100 hour scope sheet. Turbine found to be in satisfactory condition for normal operation.

Q. Cokinogenis A&P #: [REDACTED]

YEAR	TACH	CYCLES	TT	TT	Description of Inspections, Tests, Repairs and Alterations. Entries must be endorsed with Name of Technician or Repair Facility.
DATE	TIME		SINCE NEW	SINCE REBUILD	

YEAR	TACH	CYCLES	TT	TT	Description of Inspections, Tests, Repairs and Alterations. Entries must be endorsed with Name of Technician or Repair Facility.
DATE	TIME		SINCE NEW	SINCE REBUILD	

401 PT

AIRCRAFT LOG
AL-12P

Aircraft Log TABLE OF CONTENTS

SECTION SEQUENCE	DESCRIPTION OF SECTION	PAGE NUMBER
1st SECTION	AIRCRAFT DESCRIPTION	i
2nd SECTION	INSTALLED EQUIPMENT	1
3rd SECTION	MAJOR ALTERATIONS	3
4th SECTION	LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS	5
5th SECTION	AIRWORTHINESS DIRECTIVE OR FACTORY BULLETIN COMPLIANCE RECORD	9
6th SECTION	ALTIMETER & STATIC SYSTEM CHECKS [FAR 91.411]	17
7th SECTION	RADIO AND ELECTRONIC CHECKS	19
8th SECTION	MAINTENANCE RECORD [FAR 43.9]	29
9th SECTION	INSPECTION RECORD [FAR 43.11-91.409]	43

Aero Products Corporation

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AIRCRAFT DESCRIPTION

MANUFACTURER LANCAIR 4P MODEL _____ DATE OF MFG. 2002

SERIAL NUMBER LIV# 40B REGISTRATION NUMBER N401PT

REGISTERED OWNER LANCAIR NORTHWEST LLC

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

Inspection Status

[Check one]

☐ F.A.R. 91.409 ANNUAL/100 HOUR

☐ F.A.R. 91.409 PROGRESSIVE

☐ F.A.R. 135.419 A.T.C.O.

☐ OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE			R
ENGINE			L
ENGINE			R
ENGINE			L
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

SIGNATURE
DATE NO.

F.A.R. 91.411

LEADING EDGE AVIONICS STATIC CERTIFICATION
ALTIMETER, STATIC SYSTEM AND AUTOMATIC PRESSURE
REPORTING TESTED AS REQUIRED BY FAR 91.411 AND
MEETS THE REQUIREMENT OF FAR PART 43, APPENDIX
E & F. ALTIMETER TESTED TO 30,000 FT
WORK ORDER NO. 60391 DATE: 08/27/04
SIGNED: [REDACTED] : FOR [REDACTED]
FAA APPROVED REPAIR STATION NO. GLD0577K
63342 POWELL BUTTE HWY. BEND, OR 97701

APPROVED BY: _____
AGENCY: _____ CERT. NO. _____

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY SIGNATURE — CERT. NO.
1-27-04	265.5	LEADING EDGE AVIONICS TRANSPONDER CERTIFICATION TRANSPONDER TESTED AS REQUIRED BY FAR 91.413 AND MEETS THE REQUIREMENTS OF FAR PART 43 APPENDIX F WORK: <u>6TX 327</u> SN <u> </u> WORK ORDER NO. <u>64391</u> DATE <u>1/27-04</u> SIGNED: <u>[Signature]</u> FOR <u> </u> FAA APPROVED REPAIR STATION NO. 0LDR577K 63342 POWELL BUTTE HWY. JEND, OR 97701				
4/2/05	428.7	VOR 122	Ground	42°		[Redacted Signature]

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY SIGNATURE — CERT	
10/10/08	675						
		IAW FAR 91.411 The altimeter make		Unibred			
		Model	5934PA3	and S/N	413811		
		Tested to	35	K ft. and found to comply with			
		FAR 43 App. E see W.O.	4743				
		Inspected by	[REDACTED]	Date	10-10-08		
		Sparrow Avionics Inc.		FAA CRS XXYP919L			
		3211 C.R.384 Tyler Texas 75708 1-800-416-8548					
		Encoder	✓	Pitot Heat	✓	Static	✓
		IAW FAR 91.413 The transponder make		Garmin			
		Model	GTX-327	and S/N			
		Was tested and inspected and found to comply with					
		FAR 43 App. F see W.O.	4743				
		Inspected by	[REDACTED]	Date	10-10-08		
		Sparrow Avionics Inc.		FAA CRS XXYP919L			
		3211 C.R.384 Tyler Texas 75708 1-800-416-8548					

Med.
Inst.
Dive

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DATE	TECHNICIAN'S SIGNATURE — CERT NO.
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I certify that the Altimeter, Automatic Pressure Altitude Reporting Static Systems and ATC Transponder test and Inspections required by FAR 91.411 & 91.413(a) have been performed and found to comply with FAR 43, Appendix E&F N# N401PT
 Altimeter S/N 1-912 Tested to 30000 Feet
 Encoder S/N 1-912 Transponder S/N 1-912
 Work Order# 57044, 57045 SW VER 2.02
 Date: 03/17/2011 Signature: [Redacted]
 Instrument Overhaul Service of San Diego, CA, Inc.
 1981 N. Marshall Ave, El Cajon, CA 92020
 Phone # (619) 449-5565 FAA CERT# CB3R417L

Mid-Continent
 Inst. Next
 Due 2/5/15



EMERGENCY BATTERY REPLACEMENT

Affix this label in aircraft logbook

Recommended battery replacement 3 years from date of installation. Order Part No. 9015607 from Mid-Continent Instruments at (800) 821-1212.

Date of Installation: 2/15/2012

Replaced Art. Pool Horizon
 Back-40 Battery # PM-10-0054
[Redacted] 3200536
2/15/12

401 PT

401 PT

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
4/23/02	0 Hrs.	Aircraft assembled and ready for inspection Builder - Aaron Brook — [REDACTED]	
This aircraft meets the requirements for the certification requested and have issued a special airworthiness certificate dated <u>04/23/2002</u> Next condition inspection due <u>04/30/2003</u> Dave Morss DARWP100285 [REDACTED]			

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
19 MAY 03	41.6	I CERTIFY THAT THE FLIGHT TEST HOURS HAVE BEEN COMPLETED AND THE AIRCRAFT IS CONTROLLABLE THROUGHOUT ITS NORMAL RANGE OF SPEEDS AND THROUGHOUT ALL MANEUVERS TO BE EXECUTED, HAS NO HAZARDOUS OPERATING CHARACTERISTICS OR DESIGN FEATURES, AND IS SAFE FOR OPERATION.	15 Jun
		THE FOLLOWING AIRCRAFT OPERATING DATA HAS BEEN DEMONSTRATED DURING FLIGHT TESTING:	
		Speeds - V_{SO} 70 KIAS	
		V_X 110 KIAS	
		V_Y 145 KIAS	
		WITH AIRCRAFT WEIGHT AT 3500 [#]	
		WESLEY E. PETER JR (Pilot)	@ 334864.2 FROM WEIGHT.

F.A.R. 43.9

SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
	15 Jun 02	70.2	I CERTIFY THAT THE FOLLOWING AEROBATIC MANEUVERS HAVE BEEN TEST FLOWN AND THE AIRCRAFT IS CONTROLLABLE THROUGHOUT THE MANEUVER'S NORMAL RANGE OF SPEEDS AND IS SAFE FOR OPERATION. THE FLIGHT TESTED AEROBATIC MANEUVERS ARE: AILERON ROLL BARREL ROLL LOOP CHANDLER LAZY EIGHT IMMELMANN CROUCH LEAF SKIT 5	Wesley E. Boker Jr 1000

MAINTENANCE RECORD

F.A.R. 43.9

DATE NOT
RETURNED TO SERVICE

DATE OF
COMPLETION

AIRCRAFT TIME
IN SERVICE

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.
WORK PERFORMED / OR TURNED TO SKY

2-19-04

290.3

PERFORMED CONDITIONAL INSP-
ECTION IN ACCORDANCE WITH
FAR 43 APP. D. COMPLIED WITH
LANCAIR S.B.-065-0203 BY
REPLACING CLAMP ON BOTTOM OF
NLG STRUT. COMPLIED WITH S.B.
067-0803 BY REPLACING OUTFLOW
VALVE FILTER + INSTALLING PLACARD.
DRESSED EDGES OF AILERON +
ELEVATOR TRIM TABS TO RELIEVE
BINDING. REPLACED BRAKE PADS
+ PACKED ALL WHEEL BEARINGS.
REPLACED R/H 1/3 AILERON
HINGE + ALL ATTACHING HARD-
WARE. REPLACED FLAP SYSTEM
FLOW CONTROL VALVE. I CERTIFY
THIS AIRCRAFT HAS BEEN INSPECTED
+ APPROVED FOR RETURN TO SERVICE.

AP/IA —

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TYPE IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
4-29-05	363.9	PERFORMED CONDITIONAL IWSIP IN ACCORDANCE WITH LAUCAIR IV INSPECTION CHECKLIST. ALL SERVICE BULLETINS COMPLIED WITH OR NOT APPLICABLE. PERFORMED GEAR SWING + EMERGENCY DEPLOYMENT. REBUSHED BOTH CONTROL STICKS. ADJUSTED APT + LOWER DOOR LATCHES. REPLACED RUDDER TRIM TAB DRIVE HORN. REPLACED 4H O/B ELEVATOR HINGE HALF + BEARING. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED + FOUND TO BE IN A CONDITION FOR SAFE OPERATION. [REDACTED] AP/ [REDACTED]	

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		N401PT Hobbs-540.3 Performed conditional inspection. Researched service bulletins through this date. Removed copilot seat for repair. Installed landing lights on NLG strut. Replaced brake pads. Serviced wheel bearings. Replaced step retract cable. Performed several gear swings and emergency extensions. Adjusted NLG upstop and NLG doors. Charged aircraft batteries. Installed cover on door seal switch. Inspected aircraft flight controls and stops. Performed pitot-static leak check. Serviced hydraulic reservoir. I certify I have inspected this aircraft in accordance with the scope and detail of FAR 43 appendix D and found it in a condition for safe operation. [REDACTED] P/A [REDACTED]	5-27-06

DATE OF COMPLETION	AIRCRAFT NAME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO WORK PERFORMED/RE TURNED TO SERVICE
8-16-06		477-648-3001	

LOGBOOK ENTRY
 Northwest Arkansas Avionics

5404 Airport Boulevard

Fort Smith, Arkansas 72903

CRS QNAR051K

T.T.
564.7

16 AUG '06

W/O # 8999

TO: N461TP, Replaced 2 each RG24-15
 Aircraft Battery New SIN 40140976
 and 40140977, Replaced Lamp IN
 KI-825 ASI Aircraft Approved For
 Return to Service

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
9/21/06	572.3	Oxygen Bottle Recertified	Kelly Aerospace J/10
6-6-08	647.5	Engine removed and sent to Die meck Turbine Solutions. Rep engine log. Installed new hartnell prop on overhauled engine per Lanair build manual and Walters, Hartnell install procedures. New oil oil cooler and scoop repaired. New spinner and backplate installed. New beta ring and beta block installed. Repaired bottom engine baffles, installed new engine mount. Wose gear strut, over center links, nose fork, retract yoke, gas strut, toe bar plate, gear doors and linkages, retract actuator and lines replaced. Replaced both main gear legs, rack and pinion, hydraulic actuator and brackets, micro switches. Repaired damaged gear doors and replaced	

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	DATE OF COMPLETION
		all springs and brackets. Installed new tires, tubes, bearings and races, brake pads and brake lines. Replaced belly tank and repaired damage to bottom cowl. Repaired left landing clack and leading edge of both wings. Repaired crack in right aft spar. Replaced winglet lens covers and stage lights. Replaced all wiring in leading edge of wing. Replaced heated pitot tube and replaced retractable stop. Repaired damage right hand flap. Repaired damage in right side fuselage. Repaired damage to right horizontal stabilizer. Fixed damage in rudder and repaired small hole in left bottom stabilizer. Replaced elevator trim servo with new one. Cont'd rod end replaced and installed all new bearings in elevator hinges. Installed all new fuel		

MAINTENANCE RECORD

F.A.R. 43.9

CERTIFICATE NO.
RETURNED TO SERVICE

DATE OF
COMPLETION

AIRCRAFT TIME
IN SERVICE

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

new tires
do and
and
repaired
of both
spar
and stude
ing edge
bird
damaged
in
age to
damage
in
water
and
grip
thaw fuel

Lines Install Pioneer head tank in engine compartment. Installed belly transfer pump. Installed two filler port sensors. Installed new fuel selector. Replaced all static wicks and replaced belly con and transverse antenna's. Installed fuel gauge for belly tank, aux tank on/off switch. Installed GARM 376 and magnet. Installed magnetic compass. Installed new 24 VOLT Condor battery. Replaced landing light and installed new EFT. All control wiring checked and now returned to service.

Performed conditional inspection 1-AW-FRM 43 App D and complied with all Lonsan Secura Bulletin. This aircraft has been inspected and approved for return to service.

[Redacted Signature] 14 [Redacted]

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
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05-28-09

Replaced Battery under co-pilot seat
with New Battery SN 40301831
R6 24-15

AP

DATE OF COMPLETION

6/29/09

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
6/24/09	726.2	This aircraft has been inspect I.A.W. Lancair IV & IV-PT inspection check list Rev 01/01/96. I find this aircraft to be in air worthy condition and ok to return to service. A copy of discrepancy list has been given to owner/pilot.	

11/15/2010

Reinstalled wings per Lancair IVP manual, installed new wing bolts, reinstalled wiring in wing roots, Lancair IVP MM, installed new Arm locating Gear inboard & outboard, New rack gear leg assembly, joint gear box hyd cyl attach, new rod actuator hyd cylinder, new micro switch, New "Evolution nose gear assembly, new nose gear micro switch, new oleo strut nose gear, new bearing link attach, new nose gear door link rods, New landing lights installed, new left & right wing tip lens, left wing tip repaired, new falcon 24 volt heated pitot tube installed, Garmin 430 removed, Garmin 430 WAAS installed serial # 97105694, Garmin GA 35 WAAS antenna installed, Trutrak (inop) removed, New Sorcerer installed. serial # 110223-8000-025001 5 gear swings, one emergency pump down Walter Bagdasarian (owner)

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
2/24/11	823	installed new 10 cell Batteries in ELT	
3-24-11	T.T. 823.0	INSPECTED AIRFRAME TAW LANCAIR IV-P ANNUAL CONDITION INSP. REPORT PROVIDED BY LANCAIR REPLACED & TORQUED LH UPPER ENGINE MOUNT BOLT. w/NEW PARTS REPLACED BOTH WING TIP LENSES w/NEW. INSTALLED & TESTED NEW LANDING LIGHTS. CORRECTLY INSTALLED BOTH RUDDER BEL- CRANK STOP BOLTS. CHARGED HYDRAULIC ACCUMULATOR w/ NITROGEN. ADJUSTED CABIN DOOR LATCHES. INSTALLED &	

INSPECTION RECORD

F.A.R. 43.11-91.409

SEE NO.
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
3-24-11 (CONT.)	883.0	TESTED NOSE GEAR UP SWITCH. BLEED BRAKES. I CERTIFY THIS AIRCRAFT WAS INSPECTED I.P.W. AN ANNUAL CONDITION/100 HOUR INSPECTION AND IS IN AIRWORTHY CONDITION. [REDACTED] [REDACTED] [REDACTED] [REDACTED] END
04.23.11		Replaced wheels L/H and R/H side main tires Adjustment throttle and propeller levels for long travel Install new Bolts on nose gear AN-6 Reshape door opening as need to match door and door seal G. Smaguranski [REDACTED] #2P [REDACTED]

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 DISAPPROVING AIRCRAFT FOR SERVICE
10/12/2011		Made Large Belly tank and install Baggage compartment fuel tank. Belly and Baggage compartment tank 38 gal Total. Leak check - OK Replaced auto pilot servo roll P/N 8100-022 S/N 110706-8100-022-003 AEP [REDACTED]
3-14-2012 9/16, 7		Replaced left and right elevator bearings Replaced landing gear bearings Replaced ELT battery Inspected Airframe IAW Lancair IV-P annual condition inspection. I CERTIFY THIS AIRCRAFT WAS INSPECTED I.A.W AN ANNUAL CONDITION/100 hour INSPECTION AND IS IN AIRWORTHY CONDITION G. Smagurskas AEP [REDACTED]

DATE	AIRCRAFT TIME IN SERVICE
4/2/2013	98

INSPECTION RECORD

F.A.R. 43.11-91.409

SERVICE	DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
hall le. k 38 gal.	4/2/2013	485.0	Installed new main tires (Flight Custom III) 2x, Installed new tubes.
700-022			Installed New tire in nose gear and tube (Flight Custom III).
Kas /			Repacked landing gear bearings. Installed new rudders and new brake linings. Check hydraulic fluid and brake fluid. Tied loose hydraulic lines in main landing gear well. Adjusted nose gear doors. ELT battery good until April 2014.
			Inspected Airframe IAW Lancair IV-P annual condition inspection.
I.A.W AND IS			I CERTIFY THIS AIRCRAFT WAS INSPECTED I.A.W AN ANNUAL CONDITION/100 hour INSPECTION AND IS IN AIRWORTHY CONDITION. G. Smagurskas

INSPECTION RECORD

N401PT
SN:LIV-408

Total Time: 1047.8

Tach: 473.6

Date: 5/01/2014

Aircraft inspected iaw the requirements of Operating Limitations for N401PT, Dated 4/23/2002 iaw with the requirements of para 20. Replaced ELT batteries, lubricated controls, greased wheels and serviced brakes. Inspected airframe iaw Lancair IV-P check list.

I certify that this aircraft has been inspected on 5/1/2014 in accordance with the scope and detail of FAR 43, Appendix "D" and was found in a condition for safe operation.

Signed

Frank Isbell A&P

9/23/2014

TT 1058

Tach 483.8

Remove turbine s/n 873011-E from aircraft N401PT. Install Iran turbine M601D s/n 852045. Install overhauled Avia V508E/84/A propeller hub s/n 520662597 with new blades.

GK. Smagurauskas A&P

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

1/2014

23/2002 law with
eels and serviced

e and detail of

10/29/2015 TT 1069 Tach 494.8

I certify this aircraft was inspected in accordance with the scope and detail of FAR 43 part appendix D, all systems have been operationally checked. The aircraft is found to be in a condition for safe operation.

GK. Smagurauskas A&P

ine
ub s/n