



PACIFIC CONTINENTAL ENGINES, INC.

16041 ARMINTA ST.

VAN NUYS, CALIF. 91406

CERTIFIED STATION TZ3R885L

A2TEC

ENGINE LOG BOOK



The subject aircraft was involved in an incident /
accident on 9/28/2022 rendering it a Constructive Total
Loss as not repairable within its insured value. For
further details refer to insurance claim: 6284409936US.

Signed: ***Underwriters Salvage Company***

Date: **4/3/2024**

AIG Aerospace Adjustment Services Inc

3500 Lenox Road, Suite 1100

Atlanta, GA 30326

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT.	:	:	:			
FWD.	:	:	:			
				2-18-12		
				Inspected this engine in accordance		
				with FAA 43 Appendix D. The		
				following items of note were		
				accomplished at this time.		
				Drain oil & replenish with 100		
				clean suction screen.		
				change oil filter.		
				Lube controls.		
				adjust mixture & idle RPM.		
				degrease engine.		
				I certify that this engine		
				has been inspected in accordance		
TOTALS	:	:	:			

All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
	WITH AN ANNUAL INSPECTION AND WAS DETERMINED
	TO BE IN AN AIRWORTHY CONDITION.
	Oil Part 2328224105P. 1A.
8/12/12	Replaced oil & filter ✓
12-18-12	Replaced oil & filter ✓

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
12/13/8	4:39.7	Hobbs	:	I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. D. Hobbs 2328724 I.A.		
	150/R	216.6	:			
	TTIS	3872.3	:			
4/8/09	452:0	HOBB	:	Replaced oil & filter	AC	
10-9-09	463:3	Hobbs	:	Replaced oil & filter	AC	
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

E-R

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS					
1/5/10	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. D. Hobbs 2328724 I.A. 150/R 264.5					
7-21-10	Replace oil & filter shell 100 & C TTIS 3920.2					
3/18/11	I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. D. Hobbs 2328724 I.A.					
	150/R 301.3 TTIS 3957.0					
7-26-11	Replaced oil & filter & C					
1-3-12	Replaced oil shell 100 & filter & C					

R

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	0700H	345.4	:	<p>THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p>THE FOLLOWING ITEMS WERE ACCOMPLISHED AT THIS TIME:</p> <p>1 OIL CHANGED AEROSHELL W100.</p> <p>2 OIL FILTER</p> <p>3 SPARK PLUGS REMOVED CLEANED GAP & RE-INSTALLED</p> <p>ENGINE WAS GND RUN, LEAKS CHECKED AND FOUND ACCEPTABLE FOR RETURN TO SERVICE.</p> <p>O. R. W. 2328724 I.A.</p> <p>All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.</p>		
14/12/6.	:	:	:			
	:	:	:			
	:	:	:			
	123.3	:	:			
+50/R:	108.5	:	:			
7715/R:	3767.2	:	:			
	3779.0	:	:			
	:	:	:			
TOTALS	:	:	:			

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
11-3-7.	<p>THIS ENGINE HAS BEEN INSPECTED PER FAR 43. APPENDIX D</p> <p>THE FOLLOWING ITEMS WERE ACCOMPLISHED THIS TIME:-</p> <p>① DRAINED OIL & REPLACED WITH AEROSHELL W100.</p> <p>② REPLACED OIL FILTER.</p> <p>③ REMOVED CLEANED GAP TESTED AND RE-INSTALL SPARK PLUGS</p> <p>④ COMPRESSION: 1 $\frac{72}{80}$ 2 $\frac{74}{80}$ 3 $\frac{74}{80}$ 4 $\frac{76}{80}$ 5 $\frac{75}{80}$ 6 $\frac{73}{80}$.</p> <p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION:</p> <p>O. R. W. 2328724 I.A.</p>
6/8/08	<p>Replaced filter & changed oil - Replaced 10 qt of Shell 100</p> <p>OC cert A 3278815</p>

DATE	Tracy Flight Center			TACHOMETER READING	INSPECTION REFERENCE DATA
9/05	29633 S. Tracy Blvd. Tracy, CA. 95378 (209) 835-4266 Tach: 1608.2 TTIS: 3753.4 TTE/L: 3753.4 TTE/R: 3753.4 TSO/L: 1608.2 TSO/R: 97.7				
09/21/05	RIGHT ENGINE N63830 Piper PA23-250 S/N 27-7754148 R S/N L4881-61A				
I certify that this engine was inspected I.A.W. a annual inspection and was determined to be in airworthy condition. ----- END					
IA 488708815 <i>[Signature]</i>					
TOTALS	:	:	:		
All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.					

DATE	Tracy Flight Center			MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS	
9/05	29633 S. Tracy Blvd. Tracy, CA. 95378 (209) 835-4266 Tach: 1609.0 TTIS: 3754.2 TTE/L: 3754.2 TTE/R: 3754.2 TSO/L: 1609.0 TSO/R: 98.5				
09/21/05	AIRFRAME N63830 Piper PA23-250 S/N 27-7754148				
Removed and replaced R/H EGT probe. All work I.A.W. Piper PA23-250 M.M. Op-check good. ----- END					
<i>[Signature]</i> Benjamin Shreve A&P 2830752					
9-21-06 Hobbs 345.4 N63830 Drained oil and serviced with 10qts of aeroshell 100 and new filter CH48110. Ran engine check for leaks none noted.					
Glendale Aviation 6841 N Glen Harbor Blvd. Glendale AZ 85037 623-872-1368					
<i>[Signature]</i> 28337012					

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
8-16-03	:	:	:	REPLACED R-ENG STARTER PER SVC MANUAL & OPS		
	:	:	:	CHK'D OIL. P/N MHB-4016S S/N 8033572 AN		
	:	:	:	OVERHAULED UNIT.		
	:	:	:	<i>[Signature]</i> P/P 488708815		
	:	:	:			
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TOTALS	:	:	:			

All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS	
4/04	<h2 style="text-align: center;">Tracy Flight Center</h2> <p style="text-align: center;">29633 S. Tracy Blvd. Tracy, CA. 95378 (209) 835-4266</p>	
4-14-04	N63830 PA23-250 S/N 27-7754148	TTIS: 3752.5 Tach: 1607.3 TTE: L-3752.5 TTE: R-3752.5 TSO: L-1607.3 TSO: R- 97.3
Piper	Left Eng TIO 540-C1A S/N L-4899-01A L-4881-01A	
	<p>Changed oil & oil filter CH48110. Added 12 Qts AeroShell 15W50 Oil. Rpl'd #2 Cyl Exhaust gasket. Lubed alt air valve shaft. Secured #6 Cyl oil return line & leak chk'd. Open turbo clamps & insp turbo vanes. Insp injector lines per AD 02-26-01 para (c) & MSB 342D. No defects noted. Cleaned, insp/test spark plugs. Chk mag timing. Injector fuel screen chk'd & press chk eng fuel system. Ground run pwr chks & leak chk ok.</p>	
	<i>[Signature]</i> A&P 559296000	
	Engine was inspected i/a/w a annual inspection and determined to be in a airworthy condition.	
	<i>[Signature]</i> IA 488708815	
	NOTE *	

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	 			PIPER PA23-250F N63830 S/N 27-7754148 2-26-2002 INV# 2124 HOBBS: 281.5		
	CHANGED OIL AND FILTER. SERVICED WITH 12 QUARTS OF AEROSHELL 15W50. OPENED AND INSPECTED OIL FILTER AND SUMP SCREEN. CHECKED NORMAL. WASHED AND RAN ENGINE. OP'S CHECK NORMAL.			 588022108 AD		
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

2003

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS	
3-7-03	Done by Tech <u>ENG</u> <u>68.6</u> Inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition. Total Time Airframe <u>3723.8</u> Total Time Engine <u>3724.8</u> <u>68.6</u> Total Time Propeller <u>68.6</u> [Signature] IP 488708815	CHG'D OIL & OIL FILTER. ADDED 12 QTS AS 15W50. INSTALLED TURBO HEAT BLANKETS WITH NEW PARTS. CLN'D, INSP & GAP SPARK PLUGS - INSTALLED WITH NEW GASKETS. #1 - 76/80 #2 - 74/80 #3 - 78/80 #4 - 74/80 #5 - 79/80 #6 - 75/80 INSP INJECTOR LINES PER AD 02-26-01 NO DEFECTS NOTED - SEE AD STATUS BOOK LEAK CHK'D SEE AD STATUS BOOK FOR COMPLETE AD'S [Signature] A&P 488708815
	CHK MAG TIMMING	
	PARA (C) & SB 324A -	

PACIFIC CONTINENTAL ENGINES, INC.

Engine Warranty

Engine Model: TIO-540-C1A Engine Serial No.: L-4881-61A Warranty Number: F3772 Date: 12/1/01

FULL WARRANTY

PACIFIC CONTINENTAL ENGINES, INC. warrants this ENGINE to be free from defects in material and workmanship under normal use for a FULL TWELVE (12) MONTHS or FOUR HUNDRED EIGHTY (480) HOURS, whichever occurs first, from date of installation or TEN (10) days after shipment date, whichever is applicable.

LIMITED WARRANTY

Additionally, cylinders, crankshaft and crankcase are further warranted on a pro-rated basis to the recommended T.B.O. of the engine, at a minimum rate of 40 hours per month except that no labor allowance will exist for the period between the end of the FIRST TWELVE (12) MONTHS and the recommended T.B.O. of the engine.

TERMS AND CONDITIONS

- I. Warranty service may be accomplished at facilities other than Pacific Continental Engines, Inc. but ONLY AFTER PRIOR WRITTEN APPROVAL from Pacific Continental Engines, Inc. and provided all work is performed at prevailing rates with Pacific Continental Engines, Inc. retaining the option to furnish all parts.
II. This warranty is VOID on this engine and its accessories if they have been repaired or altered outside the Pacific Continental Engines, Inc. facility WITHOUT PRIOR WRITTEN APPROVAL or have been operated contrary to manufacturer's operating instructions or subject to misuse, neglect, accident, use of improper fuel, or operated in a manner different from its original FAA certified configuration (such as, but not limited to engine RPM, temperature, manifold pressure, fuel flow, and improper adjustment), subsequent to installation or shipment from Pacific Continental Engines, Inc.
III. This warranty expressly excludes shipping expense, liability to user or passengers, loss of revenue, or loss of use, with reference to operation and performance of this engine.
IV. All engine accessories are guaranteed for one year or 480 hours, whichever occurs first. Engine accessories are defined as follows: Continental and Lycoming fuel injection systems (fuel servo, throttle control, fuel pump, flow divider, nozzle lines, nozzles), Carburetor, Magneto, Starter, Alternator, Generator, Vacuum Pump, Tach. Generator, Turbo Charger, Wastegate, Controller, and Pressure Relief Valve
V. WARNING Automotive fuels are not recommended for use in aircraft engines. The use of any fuel other than the proper octane of an aviation grade fuel will void all warranties.
VI. The amount of TROUBLE-SHOOTING costs allowed will be the reasonable costs under the circumstances of identifying the need for such repairs or replacements, but in no event will the TROUBLE-SHOOTING cost allowance exceed fifteen percent (15%) of the reasonable labor costs associated with such repairs or replacements.
VII. Pro-rate warranty will be computed as follows: When repair or replacement is made the owner will pay a net price for a replacement engine or part utilized in effecting such repair or replacement which will equal the current list price of the replacement engine or part divided by the total number of hours of warranty coverage (TBO) and then multiplied by the total number of warranty hours or actual hours, whichever is greater, on the repaired or replaced engine.
VIII. Warranty repair or replacement of any part shall not extend this warranty beyond the original warranty time or hour limitation.
IX. Original manufactured component or cylinder warranty registration documentation must be completed and registered with the respective manufacturer.
X. This warranty applies to engines installed, inspected and maintained in accordance with Federal Aviation Regulations, instructions for continued airworthiness, applicable service bulletins, service directives, service letters, service instructions, the aircraft manufacturer or any accessory or component manufacturer. Compliance with recommended maintenance and inspections must be documented by appropriate logbook entries, and the original engine logbook must be made available to representatives of PCE when applying for warranty consideration.
XI. For all warranty situations call (818) 781-4947 FOR APPROVAL. Please provide the Warranty Number to expedite all claims.

Authorized Signature

INSPECTION REFERENCE DATA

ificated



AIRS AND ALTERATIONS

PIPER PA23F-250 N63830
S/N 27-7754148 1-21-2002
INV# 2051 HOBBS: 263.9

THIS ENGINE REINSTALLED IN ABOVE AIRCRAFT. SEE PREVIOUS ENTRY FOR DETAILS OF OVERHAUL. ENGINE INSTALLED WITH NEW FLEXIBLE FLUID LINES, ENGINE SHOCK MOUNTS AND BOLTS. SERVICED WITH 12 QUARTS OF AEROSHELL W100. ENGINE PRE-OIL PER LYCOMING SERVICED INSTRUCTION NO. 1241C. ENGINE RUN UP AND ADJUSTED PER PA23-250 MAINTENANCE MANUAL. INSTALLED NEW FACTORY E.G.T. PROBE. ENGINE RUN. OPERATIONAL NORMAL. NO LEAKS NOTED.

Handwritten signature: Thomas Comblin

I certify that this ENGINE was inspected in accordance with a ANNUAL inspection and was determined to be in an airworthy condition.

Date: 1-21-2002 Tach: 263.9
Total Time: 3652.8 T.S.M.O. X
Lincoln Skyways Inc. W/O 2051

Handwritten signature: Thomas Comblin 88022108JA

AIRCRAFT ENGINE LOG FOR

BOOK NO. 3ENGINE MAKE LYCOMING MODEL TIO-540-C1A SERIAL NO. L-4881-61AMANUFACTURER TEXTRON DATE OF MFG. _____ WEIGHT _____

HP. _____ AT _____ RPM DISPLACEMENT _____ CU. IN.

OIL WEIGHT - SUMMER _____ WINTER _____

OIL CAPACITY _____ QTS. FUEL MIN. OCTANE _____

FIRING ORDER _____ SPARK PLUG GAP _____

BREAKER POINT GAP _____ IGNITION TIMING _____

VALVE CLEARANCES _____

OIL PRESSURE _____ OIL TEMP. RANGE _____

PROPELLER MAKE _____ MODEL _____ SERIAL NO. _____

PITCH _____ LENGTH _____ REMARKS _____

N63830

#2 R

#2
Right

CLOSED

ENGINE LOG



INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		  <p>PIPER PA23-250 N63830 S/N 27-7754148 6-14-2001 INV# 1725 HOBBS: 229.9</p> <p>CHANGED OIL AND FILTER. SERVICED WITH 12 QUARTS OF AEROSHELL 15W50. OPENED AND INSPECTED OIL FILTER. CHECKED NORMAL. CLEANED, GAPPED AND ROTATED SPARK PLUGS. COMPRESSION CHECKED AS FOLLOWS: 1] 74/80 2] 74/80 3] 77/80 4] 76/80 5] 70/80 6] 66/80. INSTALLED NEW INDUCTION AIR FILTER. INSTALLED NEW EXHAUST GASKETS AT WASTE GATE SEGMENT. WASHED AND RAN ENGINE. OP'S CHECK NORMAL.</p> <p><i>[Signature]</i> 568022108 AD</p> <p>I certify that this <u>ENGINE</u> was inspected in accordance with a <u>E.S. 50 HR</u> inspection and was determined to be in an airworthy condition. Date: <u>6-14-2001</u> Tach: <u>229.9</u> Total Time: <u>3618.8</u> T.S.M.O. <u>1473.7</u></p> <p>Lincoln Skyways Inc. W/O <u>1725</u> <i>[Signature]</i> 568022108 AD</p>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6/01		<p>June 17, 2001</p> <p>Dressed Propeller Tip Damage Caused by contact with uneven ground. No visible Hub or Crank shaft Damage.</p> <p><i>[Signature]</i> Lic. No. 11321095</p>

DATE TOTAL TIME



PIPER PA23F-250 N63830
S/N 27-7754148 11-10-2000
INV# 1482 HOBBS: 161.0

OPENED AND INSPECTED OIL FILTER. CHECKED NORMAL.
CLEANED, GAPPED AND ROTATED SPARK PLUGS. COMPRESSION
CHECKED AS FOLLOWS: 1] 75/80 2] 76/80 3] 76/80 4] 76/80 5] 70/80 6]
73/80. INSTALLED NEW INDUCTION FLANGE GASKETS AND
SLEEVES. REMOVED AND REINSTALLED LEFT SIDE EXHAUST
STACK FOR REPAIRS. SEE ATTACHED YELLOW TAG FOR DETAILS.
INSTALLED NEW ALTERNATOR NOISE FILTER. REPAIRED ENGINE
BAFFLING AS NEEDED. INSTALLED NEW BAFFLE SEALS. INSTALLED
NEW BREATHER LINE FLEX ELBOWS. REPAIRED ALTERNATE AIR
BOX AS NEEDED. INSTALLED NEW ALTERNATOR BELT. WASHED
AND RAN ENGINE. OP'S CHECK NORMAL.

Doug Amick 8128731 A/c

I certify that this ENGINE was inspected in
accordance with a ANNUAL inspection and was
determined to be in an airworthy condition.

Date: 11-10-2000 Tach: 161.0
Total Time: 3549.9 T.S.M.O. 1404.8
Lincoln Skyways Inc. W/O 1482

Doug Amick A/c 8128731 PA

INSPECTION & MAINTENANCE RECORD

DATE TOTAL TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.



PIPER PA23F-250 N63830
S/N 27-7754148 12-15-2000
INV# 1516 HOBBS: 181.2

CHANGED OIL AND FILTER. SERVICED WITH 12 QUARTS OF
AEROSHELL 15W50. OPENED AND INSPECTED OIL FILTER.
CHECKED NORMAL. WASHED AND RAN ENGINE. OP'S CHECK
NORMAL.

James Call
38022108 AP

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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2/6/98
LIN. ENGINE LOG N63830
 HOBBS 844.0 CHANGED OIL AND FILTER
 SERVICED WITH 11 QTS AIS 15150 OIL.
 DRESSED PROP, WASHED ENGINE.
 INSTALLED A NEW EXHAUST WASTEGATE
 EXTENSION P.N. LW 11657 NEW U-BOLT
 P.N. LW 11655 WITH NEW GASKETS AND
 NUTS AS REQUIRED. LOG BOOKS NOT
 AVAILABLE A.D. STATUS AND CLAMP/
 COMPONENT TIMES UNKNOWN. OWNER
 ADVISED. Mark Mast AP 388703431

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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PIPER PA-23F-250 N63830
 S/N 27-7754148 6-24-98
 INV# 700 HOBBS: 899.2

REMOVED AND REINSTALLED ALL CYLINDER
 ASSEMBLES FOR OVERHAUL BY PACIFIC
 CONTINENTAL ENGINES, INC. SEE ATTACHED YELLOW
 TAGS FOR DETAILS. REINSTALLED WITH ALL NEW
 SEALS AND GASKETS. CHANGED OIL AND FILTER.
 SERVICED WITH 12 QUARTS OF AEROSHELL 100
 MINERAL. CLEANED, GAPPED AND ROTATED SPARK
 PLUGS. ENGINE RUN. OP'S CHECK NORMAL.

Sug Aneshu 2128731 ACP

I certify that this ENGINE was inspected in
 accordance with a 45.50 Hr. inspection and was
 determined to be in an airworthy condition.

Date: 6-24-98 Tach: 899.2
 Total Time: 3044.3 T.S.M.O. 899.2
 Lincoln Skyways Inc. W/O 700

Sug Aneshu 2128731 ACP

INSPECTION & MAINTENANCE RECORD

TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
	I certify that this <u>Engine</u> was inspected in accordance with an <u>Annual</u> inspection and was determined to be in an airworthy condition.
	Date: <u>8/8/97</u> Tach: <u>710.2</u>
	Total Time: <u>2855.3</u> T.S.M.O. <u>710.2</u>
	Lincoln Skyways Inc. W/O <u>11291</u>
	<u>Sgt. Anush 2128731 ACP</u>
	<u>9/19/97 RH Engine Hobbs 756.3</u>
	<u>Changed Oil and Filter, LISA</u>
	<u>Oil Filter Found ok. Reinstel</u>
	<u>Engine with 11 qt ALS 15-W50</u>
	<u>C/w Tech Check Found ok.</u>
	<u>KLIS Ad 265372701 (N63830)</u>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		LINCOLN <i>Skyways</i>
		12-11-97 Tach: 798.6
		PA23-250 N63830
		Inv#: 456 RIGHT ENGINE
		C/w 50 Hour Inspection. Re-Torqued All Exhaust Couplings on Both Engines. Changed Oil and filter. Serviced With 12 Quarts Aeroshell 15 x 50 Oil. Opened and Inspected Filter. Cleaned, Gapped and Rotated Spark Plugs. Compression checked as Follows: 1) 73/80 2) 73/80 3) 73/80 4) 76/80 5) 76/80 6) 76/80 Washed and Ran Engine. Op's Check Normal.
		<u>Sgt Anush 2128731 ACP</u>
		I certify that this <u>Engine</u> was inspected in accordance with a <u>50hr</u> inspection and was determined to be in an airworthy condition.
		Date: <u>12/11/97</u> Tach: <u>798.6</u>
		Total Time: <u>2943.7</u> T.S.M.O. <u>798.6</u>
		Lincoln Skyways Inc. W/O <u>456</u>
		<u>Sgt Anush 2128731 ACP</u>



INSPECTION & MAINTENANCE RECORD

TOTAL TIME: _____
 INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.:



05-05-97 Hobbs: 645.7
 Piper PA23F-250 N63830
 Inv#: 11069 S/n 27-7754148



CHANGED OIL AND FILTER. SERVICED WITH 12 QUARTS AEROSHELL 15 W50 OIL. OPENED AND INSPECTED FILTER. CHECKED NORMAL. CLEANED, GAPPED AND ROTATED SPARK PLUGS. COMPRESSION CHECKED AS FOLLOWS:
 1) 72/80 2) 70/80 3) 76/80 4) 76/80 5) 75/80 6) 72/80
 WASHED AND RAN ENGINE. OP'S CHECK NORMAL.

Sumner Callahan 528022108AP
 I certify that this ENGINE was inspected in accordance with a 50 Hour inspection and was determined to be in an airworthy condition.

Date: 5-5-97 Tach: 645.7
 Total Time: 2790.7 T.S.M.O. 645.7

Lincoln Skyways Inc. 11069
Sumner Callahan 528022108AP

INSPECTION & MAINTENANCE RECORD

DATE: _____ TOTAL TIME: _____
 INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.:

7/10/97 N63830 Hobbs 698.0

Changed Oil and Filter on the RH Engine, Insp Oil Filter, found ok. Reserviced with 11qt AS 15-50 Oil and c/w Leak Check FOUND OK.
 Keith Best N215 ADP 205372701



08/08/97 Tach: 710.2
 PA23-250T N63830
 INV #: 11241 S/n 27-7754148
 RIGHT ENGINE



C/w Annual Inspection. C/w AD 93-02-05 fuel injector lines & clamps inspection per para C and SB 342B. Replaced #4, #5, & #6 cylinder intake pipe gaskets. Installed new inboard exhaust assembly. Replaced #6 cylinder rocker drain hose, tightened clamps on all other hoses. Replaced 1 breather line elbow. Installed 2 new upper turbo support bracket bolts on right engine. Cleaned and seals both engine lower forward case halves. Installed new adel clamp rubber for lower oil cooler support bracket. Installed new lower left engine shock mount. Changed oil and filter. Serviced with 12 quarts Aeroshell 15 w 50 oil. Opened and inspected filter. Cleaned, gapped and rotated spark plugs. Compression checked as follows:

1) 76/80 2) 73/80 3) 76/80 4) 68/80 5) 76/80 6) 77/80
 Washed and ran engine. Op's check normal

DATE

TOTAL
TIMEINSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

3-24-97

N-63830 A/C LOG

HOBBS: 61601

INSTALLED OVERHAULED STARTER
(ELECTRO SYSTEMS) PN MHB 4016 R;
S/N 5101207. OPS CHECK, OK; INSTALLED
ON R.H. ENGINE

M. C. [Signature] APP 530328501

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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December 9, 1996 HOBBS: 563.4
 AZTEC PA23-250 N63830
 INV# 10899 S/N 27-7754148



CHANGED OIL & FILTER. SERVICED WITH 12 QUARTS AEROSHELL 15 W 50. OPENED AND INSPECTED FILTER. CLEANED, GAPPED, & ROTATED SPARK PLUGS. COMPRESSION CHECKED AS FOLLOWS:
 1) 74/80 2) 74/80 3) 75/80 4) 76/80 5) 76/80 6) 74/80
 CLEANED AIR FILTER ELEMENT. INSTALLED NEW ALTERNATOR. WASHED AND RAN ENGINE. OP'S CHECK NORMAL.

James Cullen 568022108AP
 I certify that this ENGINE was inspected in accordance with a 50 HOUR inspection and was determined to be in an airworthy condition.
 Date: 12-9-96 Tach: 563.4
 Total Time: 2708.4 T.S.M.O. 563.4
 Lincoln Skyways Inc. W/O 10899

James Cullen 568022108AP

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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02/28/97 HOBBS: 601.4
 PIPER PA23F-250 N63830
 INV# 10996 S/N 27-7754148



CHANGED OIL & FILTER. SERVICED WITH 12 QUARTS OF AEROSHELL 15 W 50. CLEANED, GAPPED & ROTATED SPARK PLUGS. COMPRESSION CHECKED AS FOLLOWS:
 1) 75/80 2) 76/80 3) 76/80 4) 76/80 5) 76/80 6) 76/80
 WASHED AND RAN ENGINE. OP'S CHECK NORMAL

James Cullen 568022108AP
 I certify that this ENGINE was inspected in accordance with a 50 HOUR inspection and was determined to be in an airworthy condition.
 Date: 2-28-97 Tach: 601.4
 Total Time: 2746.4 T.S.M.O. 601.4
 Lincoln Skyways Inc. W/O 10996

James Cullen 568022108AP

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.



July 23, 1996
PA23 250
INV# 10709

TACH: HOBBS: 481.1
N63830
27-7754148



RIGHT ENGINE:

CHANGED OIL & FITLER. SERVICED WITH 12 QUARTS AEROSHELL 15 W 50 OIL. OPENED & INSPECTED FILTER. CLEANED, GAPPED & ROTATED SPARK PLUGS. COMPRESSION CHECKED AS FOLLOWS:

1) 75/80 2) 76/80 3) 76/80 4) 74/80 5) 76/80 6) 76/80.

REPAIRED BAFFLE SEALS AS NEEDED. INSTALLED NEW #1, #2, & #5 INDUCTION FLANGE GASKETS. REMOVED & REINSTALLED PRESSURE & DENSITY CONTROLLERS FOR OVERHAUL. (SEE YELLOW TAGS) ADJUSTED MANIFOLD PRESSURE PER SERVICE INSTRUCTION 1187. ENGINE WASHED & RUN. OP'S CHECK NORMAL.

Thomas Callahan 588022108 FA

I certify that this ENGINE was inspected in accordance with a ANNUAL inspection and was determined to be in an airworthy condition.

Date: 7-23-96 Tach: 481.2

Total Time: 2626.2 T.S.M.O. 481.2

Lincoln Skyways Inc. W/O 10709

Thomas Callahan 588022108 FA

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.



AUGUST 23, 1996 TACH: 498.7
PI PER PA23-2-5 N63830
INV#10763 S/N 27-7754148



INSTALLED NEW IGNITION HARNESS & NEW SPARK PLUGS. INSTALLED NEW DISTRIBUTOR BLOCK IN BOTH MAGNETOS. SET E-GAP AND CONTACT CLEARANCE. INSTALLED & TIMED TO ENGINE. OP'S CHECK NORMAL.

Thomas Callahan 588022108 FA



09/12/96 TACH: 528.9
PIPER PA23-250 N63830
INV# 10787 S/N 27-7754148



CHANGED OIL & FILTER. SERVICED WITH 12 QUARTS AEROSHELL 15 W 50 OIL. WASHED AND RAN ENGINE. OP'S CHECK NORMAL.

Thomas Callahan 588022108 FA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7/2/96	452.2	Hobbs Adjust manifold pressure to 35". Reset idle mixture. David Weir 487645318
		N:63830 CUTTER FLYING SERVICE, INC. DATE:5/24/96 S/N:277754148 P.O. BOX 274 W/O:M2519 TACH:457.6 ALBUQUERQUE, N.M. 87103 ETT:unkwn H.M.n/a Repair Station GMZ2383E TSD:n/a R&R exhaust "steel gaskets". R&R two (2) intake gaskets. Adjust idle speed and mixture. Run up and ops check satisfactory. This engine and /or component is certified to be airworthy for return to service with respect to the work performed. Signed: <i>[Signature]</i>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		N:63830 CUTTER FLYING SERVICE, INC. DATE:5/31/96 S/N:27-7754148 P.O. BOX 274 W/O:M2525 TACH:N/A ALBUQUERQUE, N.M. 87103 AFTT: N/A H.M. 457.8 Repair Station GMZ2383E Installed overhauled Airsearch turbocharger P/N 406610- 9021 S/N RLRO152. Installed overhauled wastgate P/N LW12778 S/N 0119. C/W AD 84-26-02 by installing new induction air filters, due at H.M. 957.8 This aircraft and /or component is certified to be airworthy for return to service with respect to the work performed. Signed: <i>[Signature]</i>
6/10/96	Hobbs'	469.6 oil & filter changed 12 qts AIS 15W50 installed. Greg Sumala 21287314er

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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Alli-Jen Aviation • Brookhaven Airport • Shirley, New York • 516-281-0900

DATE: 5/3/95

HOBBS: 355.7

Oil and filter change:

Removed upper cowl/side cowl. Changed oil, 10 qts. Phillips 20W50 Mineral oil and filter CH48110. Oil filter cut open for inspection, no metal found. Removed and cleaned oil pick up screen. Engine ground run, no leaks noted. Recowled engine. Aircraft released in accordance with FAR 91.407.



Clive Davis A&P 2384897

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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Alli-Jen Aviation • Brookhaven Airport • Shirley, New York • 516-281-0900

DATE: 7/14/95 HOBBS: 368.9 TT: 2514 SMOH: 369

ANNUAL INSPECTION completed this date. Compression check indicates: #1-75/80, #2-75/80, #3-72/80, #4-71/80, #5-71/80, #6-71/80. Spark plugs cleaned and gapped. Engine washed down. Controls lubricated and checked for correct travel. Ground run and leak/function check satisfactory.

AD 91-14-22 on crankshaft pin N/A at this time, no record of prop strike.

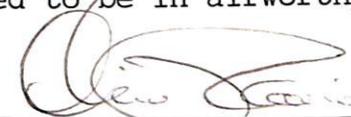
AD 84-26-02 on inductor filter due by hobbs 500 or on condition.

AD 95-07-01 on connecting rod bolts N/A bolts on this engine are a different part number to the ones affected

Complied with AD 93-02-05 on fuel injector lines by inspection for security, due again by 8/1/96 or hobbs 468.

All work carried out in accordance with manufacturer's maintenance manual, AC43.13-1a and FAR 43 Appendix D.

I certify this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.



Clive Davis IA 2384897

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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Alli-Jen Aviation • Brookhaven Airport • Shirley, New York • 516-281-0900

DATE: 10/14/93

TACH: 235.6

50 Hour Inspection completed this date. Changed oil and filter. Added 11 qts. Phillips 20W50 oil and CH48110 filter. Engine washed down, all controls lubricated and checked for correct travel. Ground run and function check satisfactory.

Right engine

Tom Lehman
Thomas Lehman A&P 305628909

Alli-Jen Aviation • Brookhaven Airport • Shirley, New York • 516-281-0900

DATE: 1/27/94

TACH: 264.9

Oil change.
Drained oil, installed 10 qts. Aeroshell 30 weight oil.

Paul R Kern
Paul R. Kern A&P 1585058

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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Alli-Jen Aviation • Brookhaven Airport • Shirley, New York • 516-281-0900

DATE: 6/8/94 HOBBS: 293.0 TT AIRFRAME: 2439.6

TT ENG: 2439.6 SMOH: 293.0

ANNUAL INSPECTION completed this date. Oil and filter changed, 10 qts. Phillips 20W50, CH48110. Compression check indicates: #1-78/80, #2-72/80, #3-78/80, #4-76/80, #5-70/80, #6-68/80. Spark plugs cleaned and gapped. Engine washed down. Engine controls lubricated and checked for correct travel. Installed new mixture control support bracket P/N 32341-000. Repaired exhaust pipe support bracket. Ground run and function/leak checked satisfactory. Complied with:

AD 93-02-05 on fuel injector lines by inspection for security and placement of clamps, due again by 7/1/94, or hobbs 393.0 or as detailed in para (c) of AD.

AD 93-11-11 on fuel pumps N/A pump not overhauled.

AD 91-14-22 on crankshaft pin N/A at this time, no record of prop strike.

AD 84-26-02 on induction filters due by hobbs 500 or on condition.

All work carried out in accordance with manufacturer's maintenance manual, AC43.13-1a and FAR 43 Appendix D. cont.

INSPECTION & MAINTENANCE RECORD

DATE TOTAL TIME INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

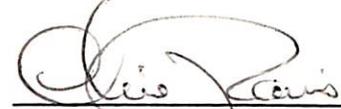
Alli-Jen Aviation
Brookhaven Airport

RIGHT ENGINE

DATE: 12-24-92

149

50 Hour Inspection completed this date. Spark plugs cleaned and gapped, oil changed. Minor repair made to cowling. Exhaust dropped on left side of engine, all gaskets replaced, exhaust reinstalled. Engine washed down, all engine controls lubricated and checked for correct travel. Ground run and function check satisfactory.


Clive Davis A&P 2384897

INSPECTION & MAINTENANCE RECORD

DATE TOTAL TIME INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

6-9-93 Hobbs 191.6, TOTAL AIRFRAME TIME 2337.6, ENGINE S.M.O.H. 191.

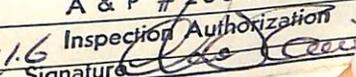
Annual inspection completed this date. Changed oil & Filter CH48110. Compression checks indicated #1 ⁷⁶/₈₀ #2 ⁷⁴/₈₀ #3 ⁷⁶/₈₀ #4 ⁷²/₈₀ #5 ⁶⁶/₈₀ #6 ⁷⁴/₈₀. Spark plugs cleaned & gapped. Retensioned alternator belt. Repaired exhaust tailpipe support clamp. Washed down engine. all engine controls lubricated and checked for correct travel. Ground run and function check - satisfactory.

- A) # 92-12-05 on piston pins N/A, not g/f.
- A) # 93-05-21 L on fuel pumps N/A, not g/f
- A) # 93-05-22 on injector lines N/A by engine m/p

"I certify that this ENGINE has been inspected in accordance with Annual inspection and was determined to be in airworthy condition."

All work carried out in accordance with AC 43.13-1a, manufacturer's maintenance manual and F.A.R. 43 App D.

Date 6-9-93
Holds 191.6
Tech S.M.O.H. 191.6

CLIVE N. DAVIS
A & P # 2384897
Inspection Authorization
Signature 

INSPECTION & MAINTENANCE RECORD

DATE TOTAL TIME INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

5-14-92 HOBBS 100.0, TOTAL AIRFRAME TIME 2246, ENGINE S.M.O.H. 100.0
 ANNUAL INSPECTION COMPLETED THIS DATE.
 CHANGED OIL AND FILTER CH48110. COMPRESSION CHECK
 INDICATES #1 ⁷⁶/₈₀ #2 ⁷⁶/₈₀ #3 ⁷⁴/₈₀ #4 ⁷⁶/₈₀ #5 ⁷⁶/₈₀ #6 ⁷⁵/₈₀
 CLEANED INSPECTED AND CARRIED SPARK PLUGS - TENSIONED
 ALTERNATOR BELT. TIGHTENED ALL PUCKER COVER SCREWS
 REPLACED EXHAUST VALVES ON #2, 4 & 6, P/N 77611
 ENGINE WASHED AND ALL CONTROLS LUBRICATED AND
 CHECKED FOR TRAVEL. ALL WORK CARRIED OUT IN
 ACCORDANCE WITH AC 43.13-1c, MANUFACTURERS
 MAINTENANCE MANUAL AND F.P.R. HB APP D.

"I certify that this ENGINE has been inspected in accordance with ANNUAL inspection and was determined to be in airworthy condition."

Date 5-14-92 CLIVE N. DAVIS
 S.M.O.H. 100.0 A & P #2384897
 Tach HOBBS 100.0 Inspection Authorization
 Total Time 2246 Signature *Clive Davis*

INSPECTION & MAINTENANCE RECORD

DATE TOTAL TIME INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

7-28-92 ~~THE~~ Hobbs 120.25
 Drained oil and system replenished with
 11 QTs Phillips 20 W 50. Cleaned and gapped
 spark plugs. 1/4 side of exhaust manifold sent
 out for repair and reinstalled. Installed overhauled
 turbo charger density controller P/N 4708869002
 P/N VAL 0127. Ground run and function/leak check
 satisfactory.

PSN

CLIVE N. DAVIS
 A & P #2384897
 Signature *Clive Davis*

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
12/19/89	Hobbs 54.1	changed oil + Filter (brown) r/w oler checked Mattie Hall A#126545436 ok
1/14/90	Hobbs 62.7	R+R Left + Rt MAG's, sent to Mattie Hall for check see yellow tag, a/c brown r/w oler checked ok MAG's drop within limits Mattie Hall A#126545436
5/1/90	Ran Aircraft	changed oil + filter added 12 qts AeroShell Hobbs time = 74.5 / SV-50, performed breakdown on cyl's ① 77/80 Total time = 2221.1 ② 76/80 ③ 77/80 ④ 76/80 ⑤ 76/80 ⑥ 76/80 checked and cleaned all fuel + oil screens, washed engine, lubed all controls, AIA's complied with through 90-09M, complied with AD# 82-16-521 exhaust system. I certify this engine has been inspected in accordance with annual inspection and was determined to be in airworthy condition A#128449563 <u>Salt A Day</u> END

N63830

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6/1/91	Performed 100 hr. inspection in accordance with FAR Hobbs = 80.0 43 Appendix D, changed oil + filter c/w AD 91-08-02 Total = 2226.6 no leaks found. c/w AD 82-16-521 visual ok SMOH = 80.0 c/w AD 8426-02 filter ok next due @ 500.0 hobbs time All A.D.'s c/w through 91-10M. MAG's cyl. compression ck = ① 77/80 ② 76/80 ③ 79/80 ④ 78/80 ⑤ 79/80 ⑥ 79/80 I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. AI + 128449563 <u>Salt A Day</u> END	

MID ISLAND AIR SERVICE

L.I. MacArthur Airport
 Ronkonkoma, New York 11779
 Phone: (516) 737-2020

Aircraft Registration No. N63830
 Hobbs _____ Aircraft _____
 Time 0.0 Serial No. 27-7754 148
 Date April 20, 1989
 S.M.O.H. 0.0 A/C Total Time: 2146.6

RIGHT ENGINE:

MAINTENANCE LOG SUPPLEMENT

Installed engine model #TIO-540-C1A, serial # L-4881-61A after major overhaul by Mattituck. Refer to Mattituck tag for all accessories overhauled. Installed routed and secured all electrical wiring and connections as necessary. Installed new turbo blankets to turbo and safetied. Installed overhauled oil cooler P/N 8537602, S/N 77M-2023 refer to attached yellow tag. Cleaned, painted and installed all engine baffling. Installed and secured all fuel lines as necessary. Installed and secured all oil hoses as necessary. Installed overhauled exhaust system with new gaskets P/N LW12281R, installed one new exhaust pipe P/N LW16901R, S/N WCEO-9-565 refer to attached yellow tag. Complied with Service Bulletin 884 safety of exhaust clamps. Complied with AD 84-26-02 installed new induction air filter. Complied with Service Bulletin 001 Aeroquip hoses, not applicable by part numbers. Complied with all AD's checked through 89-6. Ground ran aircraft, made all necessary adjustments to engine, all systems check okay, leak check is okay.

Signed John N Coluccio Certificate No. A&P # 113626668

N63830 **INSPECTION & MAINTENANCE RECORD**

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
<u>Apr 20 89</u>		<u>Total Aircraft Time 2146.6</u> I certify this <u>Engine</u> has been inspected in accordance with a <u>100hr</u> inspection and was determined to be in airworthy condition. Signature <u>John N Coluccio</u> A & P No. <u>113626668</u> MID ISLAND AIR SERVICE, INC.
<u>4/20/89</u>		<u>Total Aircraft Time 2146.6</u> I certify this <u>LEFT ENGINE</u> has been inspected in accordance with a <u>ANNOAC</u> inspection and was determined to be in airworthy condition. Signature <u>Frederick Murolo</u> A & P No. <u>1A652895</u> MID ISLAND AIR SERVICE, INC.
<u>7-16-89</u>	<u>HOBBS 33.3</u>	<u>PERFORMED CIL CIMP CHECK CIL #1 76</u> <u>#2 74 #3 76 #4 75 #5 76 #6 76. CHANGED</u> <u>ENGINE OIL + FILTER + SERVICED WITH 120SS</u> <u>20W50 MIN. OIL</u> <u>Paul M. ... 108507522</u>

INSPECTION & MAINTENANCE RECORD

The Accessories Listed Below Were Overhauled and Supplied With This Engine

ENGINE: T10-540-C1A SN. L-4881-61A DATE 31 MAR 89

	P/N	S/N	P/N	S/N
L. MAG	<u>10-349290-1</u>	<u>824236</u>	PROPELLER	<u>DNA</u>
R. MAG	<u>10-349310-1</u>	<u>A187526</u>	PROP. GOV.	<u>DNA</u>
ALT./GEN.	<u>ALU8421</u>	<u>37007891</u>	TACH. GEN.	<u>DNA</u>
INJ./CARB.	<u>2524359-10</u>	<u>59581</u>	TURBO CHARGER	<u>406610-9021 R1R0152</u>
FUEL PUMP	<u>RG17980J</u>	<u>C1774</u>	WASTE GATE	<u>470818-3 HK0119</u>
STARTER	<u>MHB4016</u>	<u>3N000409</u>	CONTROLLER	<u>470886-2 660128</u>
VAC. PUMP	<u>DNA</u>		CONTROLLER	<u>470884-4 E10118</u>
HYD. PUMP	<u>DNA</u>		REL. VALVE	<u>DNA</u>

MATTITUCK AIRBASE INC.
F.A.A. Repair Station No. 3533
W.O. No. 13263



Maahlan P. Russell
Authorized Signature

This is to certify that the engine described hereafter has been rebuilt to manufacturer's new parts limited by Mattituck Airbase Inc. Engine disassembled, cleaned, and inspected in accordance with manufacturer's instructions. All steel parts magnafluxed. All applicable Airworthiness Directives and Manufacturer's Service Bulletins are in compliance, A description of these repairs is on file at this agency under:

JOB NO. 13263 DATED 31 MAR 89
MFG. LYCOMING MODEL T10-540-C1A
Serial No. L-4881-61A Time in svc. 2146



MATTITUCK AIRBASE INC.
F.A.A. REPAIR STATION # 3533
AIRWAY DRIVE, MATTITUCK, L.I., N.Y. 11952

Maahlan P. Russell
Authorized Signature

ENGINE DESCRIPTION

MANUFACTURER LYCOMING MODEL T10-540-C1A

SERIAL NUMBER L-4881-61A DATE OF MANUFACTURE _____

RATED BHP _____ RPM _____ MANIFOLD PRESSURE _____

FUEL REQUIRED OCTANE/PERFORMANCE _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

RIGHT

MATTITUCK AIRBASE, INC. / Limited Piston Engine Warranty

Effective 2/5/88, Mattituck Airbase, Inc., (hereinafter called "MAB"), makes the following warranty to its customer, subject to the limitations, conditions and exclusions set forth below.

WARRANTY COVERAGE - For a period of six (6) months after date of delivery to customer, or 240 hours of operation, whichever occurs first, MAB shall repair or replace, at its option, any aircraft engine, accessory, or part which is found to be defective, to MAB's satisfaction, within said warranty period.

For engine warranty after six (6) months from date of delivery to customer and prior to the expiration of the original manufacturer's recommended time between overhaul ("TBO"), the cost of repair or replacement (including the cost of parts and labor), at MAB's option, shall be prorated in the following manner. The customer shall pay the net price for a newly rebuilt engine equal to the current list price for the engine divided by the manufacturer's recommended TBO, and then multiplied by the number of hours on the repaired or replaced engine (which shall be deemed the greater of the actual logbook hours, recorded tachometer hours or time at forty (40) hours per month from the date of delivery). Reasonable labor costs associated with the repair of a warranted engine shall be prorated in the same manner on the basis of a flat rate schedule established by MAB.

After the initial six (6) months from date of delivery or 240 hours of operation, MAB will not assume any responsibility for the repair or replacement of engine accessories, e.g. magneto, starter, alternator, ignition harness, turbocharger, etc.

Replacement parts supplied for warranted engines still covered by manufacturer's warranty are supplied on an exchange basis. MAB will pursue warranty claims with the manufacturer on the owner's behalf. Any allowance by the manufacturer will be credited to the operator's account.

The repair or replacement of any part under the foregoing warranty shall not extend the periods of warranty coverage set forth above. MAB reserves the right to change the price or specifications of any engine or part at any time.

CONDITIONS AND PROCEDURES FOR OBTAINING WARRANTY WORK - The foregoing warranty shall be effective only if the engine or component to be serviced is returned to MAB's facility at customer's expense, together with particulars in writing of the nature of the defect. The customer or his representative should contact MAB for verification and authorization of warranty prior to return and/or repair. Written authorization must be obtained from MAB before repairs covered by warranty can be

performed other than by MAB. In no event shall allowable labor costs exceed local published shop rates. The foregoing warranty shall apply if and only if the engine has been properly installed and maintained in accordance with current approved standards of the FAA and current recommendations of the manufacturer as specified in applicable factory manuals and service bulletins. The performance of recommended inspections and maintenance must be documented by logbook entries which must accompany any engine returned for warranty work. Defects must be discovered within the warranty period and MAB must be given prompt notice thereof in writing, within ten (10) days after discovery.

LIMITATION, EXCLUSIONS, AND DISCLAIMERS - MAB shall not assume freight charges, transportation or delivery expenses, costs, or airframe repairs, all of which are excluded under this warranty. MAB does not warrant parts, materials or services supplied which are covered by manufacturer's warranty. This warranty shall not apply to any engine which has been subject to misuse, neglect, accident or damage from the elements, or which has been installed, repaired or maintained or altered in any manner which, in the judgement of MAB, has had an adverse effect on the engine or part. This warranty shall not apply to any engine which has been operated under conditions which exceed the manufacturer's recommendations. This warranty shall not apply to any engine which has been repaired or altered, in any manner other than by MAB, or its representative.

THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED ARISING BY OPERATION OF LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION THE WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE WHICH WARRANTIES ARE HEREBY EXCLUDED. MAB liability hereunder shall be limited to the repair or replacement of any engine or part found to be defective within the applicable warranty period as set forth above. **IN NO EVENT SHALL MAB BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR ECONOMIC LOSS OF ANY NATURE WHETHER ARISING IN CONTRACT OR TORT, INCLUDING STRICT LIABILITY ON TORT OR NEGLIGENCE ON THE PART OF MAB.** The foregoing limitations and exclusion with respect to implied warranties and the exclusion of incidental or consequential damages may not apply in those states which prohibit such limitation or exclusions. This warranty gives customer specific legal rights, and the customer may have other rights which vary from state to state.

Work Order No. 13263
Engine Serial No. L-4881-61A

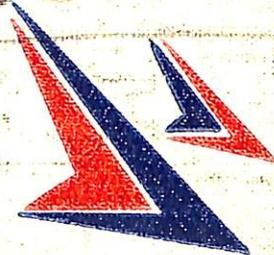


Airway Drive
Mattituck, N.Y. 11952
Tel: (516) 298-8330

#1 RIGHT * N63830

ENGINE LOG

CLOSE



PIPER AIRCRAFT CORPORATION

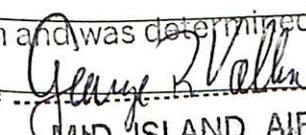
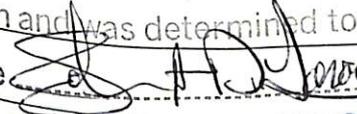
ENGINE LOG

336.6 = 2100.6

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
2-20-89	Brought Forward →			
	Hobbs 336.6 TT 2146.6			Removed A/A engine s/N L4881-61A and sent for major overhaul refer to Book # 2 for installation This log Book <u>Closed</u>
			End	
Total To Carry Forward				

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
NOV. 28, 1984	CHANGED OIL	12 QT	PHILIPS 20/50	CHANGED OIL FILTER, CLEANED PLUGS, MOVSE MILKED EX SYSTEM, COMP. CHECKED
				#1 $\frac{62}{80}$ #2 $\frac{73}{80}$ #3 $\frac{74}{80}$ #4 $\frac{75}{80}$ #5 $\frac{74}{80}$ #6 $\frac{76}{80}$ HORBS 23.3 TT 18.33.3
				 AIP 215213
Total To Carry Forward				

and Remarks	Signature	Certificate
Date <u>10/1/85</u> Total Aircraft Time <u>99H</u> I certify this engine has been inspected in accordance with a <u>Ground</u> inspection and was determined to be in airworthy condition.		
Date <u>11/1/80</u> Total Aircraft Time <u>516 588-5400</u> I certify this engine has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition.		
MID ISLAND AIR SERVICE, INC. (516) 588-5400		

Right ENGINE LOG

Right

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
4-2-84	Brought Forward →	1721.0	1721.0	Certify that this accordance with a found in an 1. Changed oil & 2. Compression check = 3. replaced exhaust all 4. replaced intake 5. replaced # 3 cyl 6. tightened loose 7. replaced air 8. cleaned and gapped
Total To Carry Forward				

and Remarks	Signature	Certificate No.
engine has been inspected in 100 hr inspection and has been airworthy condition. M. Fleming fitter - cleaned & checked suction screen. 1-67/20 2-70 3-70 4-74 5-74 6-76 gaskets @ cyls and V band gaskets as necessary pipe gasket # 5 cyl. rocker cover gasket. transition bolts. filter painted right mag.	M. Fleming	13248021A

Right ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
10-24-83	Brought Forward →	1622.4	1622.4	4. replaced exhaust 5. replaced support 6. replaced intake 7. adjusted MHP up
12-30-83		1676.1	1676.1	50 hr inspection @ w changed oil & filter replaced 3 exhaust replaced 4 exhaust
Total To Carry Forward				

and Remarks	Signature	Certificate No.
pipe from # 4 & 6 cyls. 9" Lw 12281 rod from case to tail pipe. gaskets as necessary. to 33"	<i>M. Leming</i>	1324 P021A
installed weather boot prop control @ gov. gaskets on 3, 4, & 6 cyls gaskets @ waste gate	<i>M. Leming</i>	1324 P021A

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
7-29-83	Brought Forward →	1576.0	1576.0	4. replaced intake pipe 5. replaced lower inlet 6. replaced starter bu <hr style="width: 50%; margin: 0 auto;"/> 817
9-15-83		1588.5	1588.5	50 hr insp C/w. Changed oil & filter
10-24-83		1622.4	1622.4	I certify that this an 100 hr insp and 1. changed oil & filter 2. replaced 6 bottom 3. replaced head spr.
Total To Carry Forward				

and Remarks	Signature	Certificate No.
gasket #5 cyl. and #4 cyl. eng mount (heat damage from clogged stack) det.	M. Leming	13248031A
	M. Leming	13248031A
engine has been inspected in accordance with has been found in an airworthy condition. spark plugs. insp as necessary		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
6-6-83	Brought Forward →	1466.6	1466.6	Changed eng oil and cleaned & gapped replaced broken pipe
7-29-83		1516.0	1516.0	I certify that this accordance with an found in an annual 1. Changed oil and 2 Compression ck. = 1-71, 3 Exhaust stack from # order.
Total To Carry Forward				

Annual

and Remarks	Signature	Certificate No.
filters plugs. Exhaust Flange at transition		
	M. Fleming	13240021A-
engine has been inspected in annual inspection and has been the condition		
filter, checked suction screen. 2-72, 3-70, 4-74, 5-72, 6-76 4+6 cyl cracked - removed and welded - new stack on		

Annual

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
1-1-83	Brought Forward →	1367.0	1367.0	Changed eng. oil Replaced spinner
3-15-83		1403.6	1403.6	Identify that this accordance with a in an air warranty 1. changed oil and 2. Comp check = 1-76 3. replaced left mag 4. replaced turbo
Total To Carry Forward				

and Remarks	Signature	Certificate No.
and filter bulkhead P/n 23815-000	M. Fleming	13248051A
engine has been inspected in 100 hr inspection and has been found condition filter, checked suction screen.		
2-78 3-78 4-79 5-76 6-74 S/n on 8245236 S/n OFF A159782 (cracked beyond limits) to tail pipe clamp.		
	M. Fleming	13248021A

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
4/3/82	Brought Forward →		1206.4	Changed eng. oil Cleaned and gapped
5-26-82			1256.6	certify that this unit a 100hr insp. 1 changed eng. oil and 2 compression ck= 3 replaced clamp @
Total To Carry Forward				

and Remarks	Signature	Certificate No.
and filter plugs		
engine has been inspected in accordance and has been found in an airworthy condition	M. Fleming	1324802114
filter x c 20-50		
1-73 - 2-75 3-79 4-76 5-78 6-76		
tail pipe and turbo with new type	M. Fleming	1324802114

Right ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
9-25-81	Brought Forward →		1055.5	I certify that this in accordance with been found in an Changed eng. oil Comp check = 178/80 tightened loose bracket.
11-13-81			1106.0	(50 hr) Changed cleaned & gapped
Total To Carry Forward				

and Remarks	Signature	Certificate No.
engine has been inspected (50 hr @ 1105.5) a 100 hr inspection and has (100 hr @ 1055.5) airworthy condition	M. Perry	13248021K
and filter (Phillips XC 20-50 2 ⁷⁴ / ₈₀ 3 ⁷² / ₈₀ 4 ⁷⁷ / ₈₀ 5 ⁷⁷ / ₈₀ 6 ⁷⁸ / ₈₀)		
bolts (at case) on alternator	M. Perry	132480214
eng oil and filter (XC 20-50) plugs -	M. Perry	13248021A

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
7-24-81	Brought Forward →		954.7	Identify that this accordance with av found in an av changed eng oil and philips XC 20-50 Compression check:
8-28-81			1010:00	50% map % to this date, checked mag to eng changed eng oil & filter
Total To Carry Forward				

and Remarks	Signature	Certificate No.
engine has been inspected in annual inspection and has been worthy condition filter engine serviced with 1 7/2/80 - 2 7/5/80 - 3 7/10/80 - 4 7/14/80 - 5 7/18/80 - 6 7/22/80 replaced all plugs. timing - ok @ 20° TDC. eng serviced with philips 20-50 oil	M. Fleming	13248051A -
	M. Fleming	13248051A

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
10/22/80	Hobbs	881		NEW AIR FILTER P/N 26874-00 CHANGED OIL AND FILTER, FILLED WITH 12 QTS TEXACO AD 40 W/., CHANGED PLUGS.
				Date 10/22/80 Total Aircraft Time HOBBS 881 I certify this ENGINE has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.
1/21/81	Hobbs 933			Signature <i>George K. Miller</i> A&P No. 152500750 CHANGED OIL AND FILTERS TO TEXACO 40 AD <i>L.P. Kelly</i> A&P 2248534
Total To Carry Forward				

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
6-19-80	Brought Forward →		687.7	
				oil & filter changed. 12 qts texaco 50 AD. fuel pump driver seal replaced. vacuum pump replaced.
				<p>Date <u>6-19-80</u> Total Aircraft Time <u>687.7</u> I certify this <u>Engine</u> has been inspected in accordance with a <u>MANUAL</u> inspection and was determined to be in airworthy condition. Signature <u>Daniel Hots</u> A&P No. <u>1474323 IA</u></p>
7-14-80				Hobbs 745 changed oil 50AD & filter Russell
Total To Carry Forward				

and Remarks	Signature	Certificate No.
8-6-80 Changed oil & filter 50AD SR		
<p>Date <u>8-6-80</u> Total Aircraft Time <u>788</u> I certify this <u>Eng</u> has been inspected in accordance with a <u>100hr</u> inspection and was determined to be in airworthy condition. Signature <u>Russell</u> A&P No. <u>1339595</u></p>		
Hobbs 840 HRS. 9-9-8 oil & filter changed serviced with 12 qts texaco 50 AD. spark plugs cleaned.	<u>Russell</u>	A&P 2152113

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →	Oct. 9, 1978	Holls 483.6	
	Changed oil, filter; serviced with Aeroshell 80W. Dennis W. W. # P-258048309			
4/4/79		Holls 585.53	Annual inspection c/w changed oil & filter, check check prop groups operat	
Total To Carry Forward				

and Remarks	Signature	Certificate No.
by use of Piper's inspection report, compression, cleared & gap spark plugs, and inspection good.		
<p style="color: red; font-weight: bold;">I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY</p> <p style="color: red; font-weight: bold;">TOTAL TIME <u>585.53</u> DATE <u>4/4/79</u></p> <p style="color: red; font-weight: bold;">WORK ORDER NO. <u>4382</u></p> <p style="color: red; font-weight: bold;">SIGNED <u>Charles M. Bygones</u> FCR</p>		
<p style="color: red; font-size: 2em; font-weight: bold;">CROW</p> <p style="color: red; font-weight: bold;">CROW INC. F. A. A. 1061 TOLEDO EXPRESS AIRPORT SWANTON, OHIO</p>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
JUNE 16, 1978		HOURLY METEL 377.8		
				OIL & FILTER CHANGED. SERVICED WITH AEROSHELL 50W Dennis W. Decker AP# 250948509
Aug 15, 1978		Hourmeter 430.0		
				changed oil & filter serviced with aeroshell 50W operational injection good Crown abs. Toledo Express Airport w/o 4173 Chatsworth, Pa 142-102780
Total To Carry Forward				

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
3-15-78	Brought Forward →	220.4		Performed 100 hr in forms, checked compression, changed spark plugs
3-28-78		249.7		Removed turbo-exhaust bracket
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>accordance with Piper inspection changed oil & filter, checked prop pins, with new ^(Champion) spark type and autolite.</p> <p style="color: red; font-size: small;">I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 hr INSPECTION AND WAS DETERMINED TO BE AIRWORTHY</p> <p style="color: red; font-size: small;">TOTAL TIME <u>220.4</u> DATE <u>3-15-78</u></p> <p style="color: red; font-size: small;">WORK ORDER NO. <u>401</u></p> <p style="color: red; font-size: small;">SIGNED <u>[Signature]</u> <u>218525278</u> FOR</p> <div style="text-align: center; color: red; font-weight: bold;">  <p>CROW INC. F. A. A. 1061 TOLEDO EXPRESS AIRPORT SWANTON, OHIO</p> </div>		
and welded broken flange, then reinstalled	<u>[Signature]</u>	280427859A-P

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
10-25-77	Brought Forward →		41 hrs.	Replaced exhaust tail
11-3-77			52:0	chk 50 hr. insp. See W/O A5903
12/23/77				Langford MMF-161-10 Halt time 96.0 annual inspection report, changed oil & gas spark plugs, adjusted turbo mount operational
Total To Carry Forward				

and Remarks	Signature	Certificate No.
pipe assembly per Piper Warranty	Walter D. Rom	cert no. PS 201
ins c/w by use of Piper inspection & filter check compression timing & baffling		
plugs adjusted		
inspection good		

I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A MAINTENANCE SECTION A & D WAS DETERMINED TO BE AIRWORTHY

TOTAL TIME 96.0 DATE 12/23/77
 WORK ORDER NO. 3916
 SIGNED Chas M. Boyd FOR

CROW INC. F. A. A. 1061
 TOLEDO EXPRESS AIRPORT

