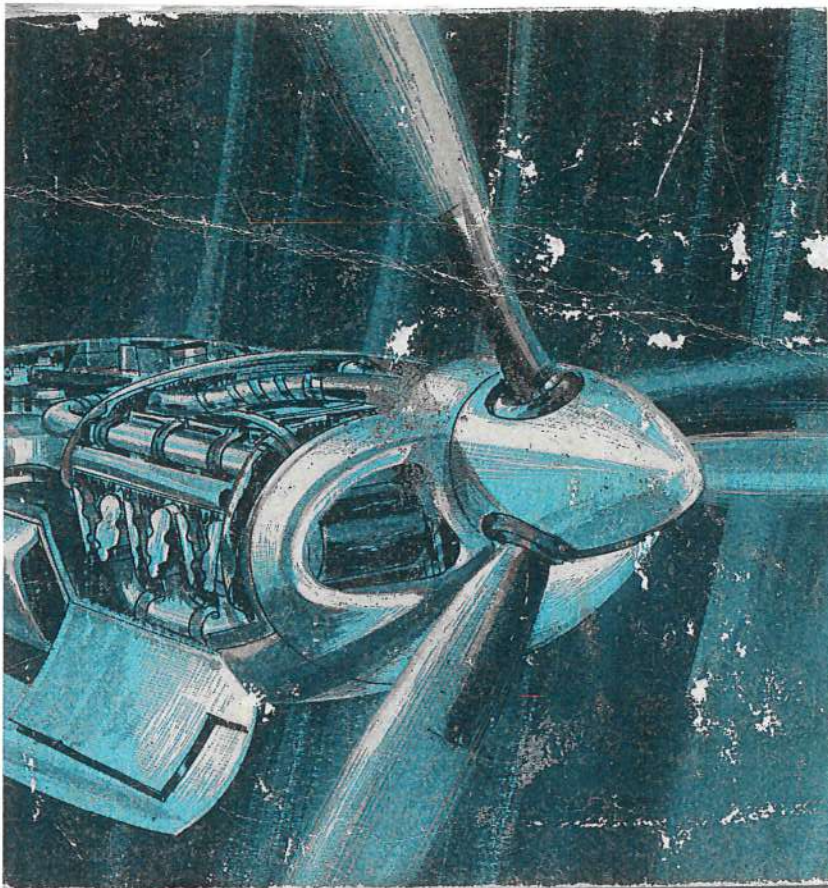




CONTINENTAL® FACTORY REBUILT ENGINE LOG

N. 32863

SERIAL NO. 225502R

TELEDYNE CONTINENTAL MOTORS

RIGHT

This engine model LTS10360E1, serial No. 225502R, has been rebuilt by Teledyne Continental Motors. All applicable Federal Aviation Administration regulations and mandatory Teledyne Continental bulletins have been complied with. This log book shall indicate zero hours.

By

J. B. Inad

Date 10-18-76

TELEDYNE CONTINENTAL MOTORS
Aircraft Products Division

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
4-12	This engine installed right side PA34T Serial # 34-2570062. Test run OK												
Jerry E. Jones AP 246462													
5/4	T.T. ON A/C 1541 HRS. -												
#1	74	CHANGED OIL, SERVICED WITH 50W DETERGENT OIL,											
#2	74	CHANGED OIL FILTER, INSP. OIL SCREEN.											
#3	74	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 120 HR. INSP. LOG PA 34-2007 SERV INSPECTION AND HAS BEEN FOUND IN AIRWORTHY CONDITION. <u>James Williams</u> AP 256 90 3120											
#4	74												
#5	74												
#6	74												
BROUGHT FORWARD TOTALS													

ENGINE LOG

[illegible]

Circumstance	Justified (%)	Not justified (%)
Self-defense	85	15
To protect others	75	25
To protect property	65	35
To protect the community	55	45
To protect the environment	55	45

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
7-29-77											8-10-77		
I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>100 HR</u> INSPECTION AND HAS BEEN FOUND IN AIRWORTHY CONDITION. <u>Ken Munch</u> A&P 1906126 I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>50 HR</u> INSPECTION AND HAS BEEN FOUND IN AIRWORTHY CONDITION. <u>Ken Munch</u> A&P 1906126													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
8-20-77											I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>500 HR</u> INSPECTION AND HAS BEEN FOUND IN AIRWORTHY CONDITION. <u>Ken Munch</u> A&P 256902120		
10-12-77											I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>50 HR</u> INSPECTION AND HAS BEEN FOUND IN AIRWORTHY CONDITION. <u>Ken Munch</u> A&P 1906126		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
	CHANGED OIL, CLEANED SCREENS REPLACED OIL & AIR FILTERS CLEANED SPARK PLUGS, CLEANED FUEL, Inspected fuel line circuit has been inspected is accordance with 100 HR inspection and was determined to be in all worthy condition 5/11/55 T. 670.6 TACH 2164.6 <i>[Signature]</i> JACK W. MARLAR A & P 49648												
BROUGHT FORWARD													
TOTALS													

RIGHT ENGINE LOGBOOK ENTRY FOR N32863

Date: June 16, 1979 HM:2344.98

Drained oil, inspected for contamination, changed oil filter, replenished system with 8 qts Aeroshell 50WT AD. Washed engine.

PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER JOB NUMBER 31550

DATE JUN 16 '79

SIGNATURE

CENTRAL FLYING SERVICE LITTLE ROCK, ARK.

~~REPAIR STA. CERT. NO. 3818~~

JOB NUMBER 31550
N. Smith
RK. AP 399477

[illegible][illegible]

ENGINE LOG

RIGHT ENGINE LOGBOOK ENTRY FOR N32863

Date: July 29, 1981

Tach: L-2645.48 R-2647.61

Removed and replaced 9 ea. spark plugs.
Inspected turbo, no defects found.

DIFFERENTIAL COMPRESSION CHECK

EXL. NO. 1=74 Lbs. 4=74 Lbs.
2=68 Lbs. 5=76 Lbs.
3=78 Lbs. 6=68 Lbs.

PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER JOB NUMBER 36259

DATE 072981 SIGNATURE *Thomas N. Smith*

CENTRAL FLYING SERVICE LITTLE ROCK, ARK.

REPAIR STA. CERT. NO. 3818

SIGNATURE LICENSE NUMBER

DATE

Group

BROUGHT FO

TO

ENGINE LOG

R/E LOGBOOK ENTRY FOR N32863

Removed #2 Cylinder for repair: ground exhaust seat, installed & reamed new exhaust guide, lapped in both valves & installed. Installed Piston with new Rings. Installed complete Cylinder assembly on engine. Filled with 8 qts Aeroshell 50WT Mineral oil. Ran up engine, checked good.

PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER

NUMBER 36644 DATE SEP 10 1981

SIGNATURE *Thomas N. Smith*

CENTRAL FLYING SERVICE, INC. LITTLE ROCK, AR

REPAIR STATION CERT. NO. 3818

SIGNATURE

LICENSE NUMBER

ATE

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ENGINE LOG

R/E LOGBOOK ENTRY FOR N32863

WO#36546

SIGNATURE

LICENSE
NUMBER

Checked engine for operating below power at altitude:
Completed compression check, #2 Cylinder had exhaust leak.
Cylinder repair on WO#36644 date September 10, 1981.
Removed spark plugs, plumbed air pressure to cylinder and blocked
off both intake & exhaust system. Leaks found on injector pressure
lines. Repaired air pressure leaks in intake system. Cleaned
fuel nozzle & reinstalled. Removed pressure relief valve from LH
side & installed on RH side, ran engine & rechecked. Boost Pressure.
No Change. Installed new clamp on mixture control & rerigged
for full travel. Checked ignition timing, OK. Removed & reinstalled
manifold pressure gauge & pressure checked lines, ran engine, no
change noted in boost pressure. Pressure checked all fuel lines
and tested for leak, OK. Installed test gauges & tried to adjust
fuel pressure. Removed turbine housing. Inspected blades, found
crack in main exhaust housing in turbo. Removed & reinstalled
turbo charger. Removed fuel manifold & swapped from side to side.
No change noted. Returned to original configuration, fuel check OK.
Transferred fuel line on fuel pressure gauge from LH to RH, no
change noted. Returned to original installation

ENGINE LOG

R/E LOGBOOK ENTRY FOR N32863

WO#36546 CONTINUED.

SIGNATURE

LICENSE
NUMBER

Installed new manifold valve & tried to adjust fuel pressure
found new valve was defective. Removed & reinstalled old distributor
valve. Disassembled & inspected throttle body under Continental
Service Reps. guidance. Removed & replaced Fuel Pump assembly
Pump installed was Continental P/N 639508-3, S/N T158007RB, Overhauled
by B&S Aircraft Parts and Accessories, Inc. Rigged throttle & mixture
controls, fuel check for leaks. Ran engine checked for oil
leaks. Readjusted fuel pressure I/A/W Cont. Service Bulletin &
Piper Service Manual. Operational checked OK. CHT gauge inop.
Replaced Temp. Probe.

PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER

NUMBER 36546 DATE SEP 12 1981

SIGNATURE Thomas N. Smith Jr. AP 399477

CENTRAL FLYING SERVICE, INC. LITTLE ROCK, AR

REPAIR STATION CERT NO. 3818

R/E LOGBOOK ENTRY FOR PIPER PA-34-200T SENECA II
S/N 34-750262 N32863 CONTINENTAL LTS10-360-E1

DATE

Tachometer: 2658.61 TSReb. 1162.28 Hrs. WO#36927

LICENS
NUMBE

DIRECTIVES CHECKED OR C/W: AD 78-09-27R2 (SB#599A) Mag. Impulse
Coupling: C/W. AD 78-21-25 (SB#596A) Fuel line modification: C/W
by inspection. AD 80-25-27R1 Stewart Oil Cooler: N/A. AD 81-13-
10 Oil Pump Drive Shaft C/W, found measured torque 100 inch-
pounds and crack oil pump, made up report & sent to FAA AEO-
214 as per AD instruction, replaced oil pump gear. AD 81-19-24
Power Plant Radar Hoses: N/A.

Replaced gaskets on rockerbox cover and Tach drive stem. Dres-
sed Prop. blades & painted. Oil filter mount assy over pressu-
re valve blown out into oil system, removed oil pump gears,
oil cooler & sump pan, found pieces of flapper valve in re-
cess of oil cavity at rear of oil pan, found aluminum piece
at feed end of oil cooler, disassembled oil sump for gear ins-
pection, as drive gear proved to be faulty during C/W AD 81-
13-10, checked for metal particles through system, blew out
oil passages & galleries, cleaned off old gasket surface, re-
placed oil filter mount sub-assy, reassembled oil pump, cooler
& pan assy and reinstalled.

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CONTINUED NEXT PAGE

ENGINE LOG

R/E LOGBOOK ENTRY FOR N32863 (WO#36927 CONTINUED)

Pertinent details are on file at this Agency
under Work Order number 36927, date October 24
1981

Signed *Thomas N. Smith Jr.*

CENTRAL FLYING SERVICE, INC.

ADAMS FLYED LITTLE ROCK, AR. 72202

COMPUTERIZED MAINTENANCE

RE
LICENSE
NUMBER

[illegible]

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.				
2 Apr 84					1344				2868		Top 5 Cylinders all other cylinders 75/80 or better. Change oil & Filter. OK Filter no metal detection removed. Installed new Peefellor (See Tag) See W/O Date 2 Apr 84			
I certify that this engine engine has been inspected in accordance with a 100 hr. annual inspection and was determined to be in airworthy condition.														
Date <u>2 Apr 84</u> Tech Time <u>2868</u>														
Signature <u>Eddie L. Bost</u> <u>ATD 374321906</u>														
BROUGHT FORWARD														
TOTALS														

ENGINE LOG

[illegible]

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
9-5-85	RH-TACH.		2	01	.3	INSTALLED NEW STARTER SIN 24000073. RUN-UP, LEAK CHECKED. <i>Jimmy Banet APP 220299</i>							
#1	75												
#2	78												
#3	78												
#4	78												
#5	72												
#6	78												
certify that this aircraft has been inspected in accordance with a <u>100 HR ANNUAL</u> inspection and was determined to be in air worthy condition <u>10/22/87 2905.9</u> <i>[Signature]</i> JACK W. MARLAR A & P JRGARI AI													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

ENGINE LOG													
TE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
	BTTC; 7-88 303530 Overhaul of the lower end of this engine EN9.154130 completed this date. all new ssbs & gaskets, all 75100 0.0 new piston & bolts. con rod bolts & nuts, new hull lift assy. - reground cam shaft & new con rod & main bearing inserts. C.W. AD81-13-10P1 (oil pump) Carb parts Don. god D.W. Brown 1415219AEP <u>CONT. NEXT PAGE</u>												
IGHT FORWARD TOTALS													

ENGINE LOG

[illegible]

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
7-10-16-1987													
clean and gap plugs change oil and filter install on track turbo service Turb in Power installed new air filter C/A A/D 82-27-03 Turbo C/A A/D 84-26-03 filter													
I CERTIFY AS OF THIS DATE THAT THIS <u>Eng</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>Manual</u> INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION. TOTAL TIME 1848.8 TACH TIME 3342.8 SMOH 307.15													
1A, 522953													
BROUGHT FORWARD													
TOTALS													
Donald G Wright													

ENGINE LOG

TE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
6-23-89													
1 Clean and gap Plugs 2 Change oil and filter 3 installed new seal on VAC pump Drive													
I CERTIFY AS OF THIS DATE THAT THIS <u>Eng</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>MAN</u> INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION. TOTAL TIME 3207 TACH TIME 3293													
1A, 522953													
Donald G Wright													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
7-11-90									3540.00				
Performed Annual insp. per Piper 54c and all routine maint. 1. Changed Oil & filter Shell 50 wt Rot 2. Rgt. Both mag. & C/W 79-09-07K3 and new points dist & cond Both mag. 3. C/W 84-26-52 and new air filter 4. C/W 82-27-03 under timing insp.													
I CERTIFY AS OF THIS DATE THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TOTAL TIME <u>3046.68</u> TACH TIME <u>3540.00</u> SMITH 1A1522953													
ROUGH FORWARDED TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
Sept 17 - 1990													
I CERTIFY AS OF THIS DATE THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>50 hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TOTAL TIME <u>394.06</u> TACH TIME <u>3590.6</u>													
1. Changed Oil & filter (no metal) 2. Comp. Ch. 81-70/80 #1-70/80 #2-75/80 #3-72/80 #4-72/80 #5-70/80 #6-73/80 3. Washed down Engine & dressed prop 1A 522953													
ROUGH FORWARDED TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
Dec 1 90													
Tach Reads 3644.92													
1. changed Oil & filter (no metal) cost \$1.00													
2. Cray ch #1. 63/80 #2. 63/80 #3. 75/80 #4. 66/80 #5. 78/80 #6. 69/80													
3. cost new oil filter													
4. just new vac filter													
5. dress prop.													
I CERTIFY AS OF THIS DATE THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION. TOTAL TIME <u>644.65</u> TACH TIME <u>3644.92</u> <u>1A1522953</u> <u>Donald E. Wray</u>													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENS NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
Feb 30 1991													
Tach reads 3690.00													
I CERTIFY AS OF THIS DATE THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>SAFETY</u> INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION. TOTAL TIME <u>0624.83</u> TACH TIME <u>3690.00</u> <u>1A1522953</u> <u>Donald E. Wray</u>													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

ENGINE LOG													
DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
June 18 1991													
Tach reads 3740.15													
Performed annual insp per flight insp guide & call													
routing maint done.													
1. Changed Oil & filter (no metal) Shell 80W Oil.													
2. Checked valves housing for cracks per AD 82-27-03 et.													
3. Cleaned & greased ball plugs & inst one new plug													
4. Inst new igniters but bot and #3													
5. Inst new air filter Per AD 84-26-02													
6. Overy ch #1-76 #2-75 #3-72 #4-72 #5-76 #6-66/80													
7. Washed down Engine & test run normal.													
I CERTIFY AS OF THIS DATE THAT THIS <u>Engine</u>													
HAS BEEN INSPECTED IN ACCORDANCE WITH <u>Annual</u>													
INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY													
CONDITION. TOTAL TIME <u>254.53</u> TACH TIME <u>3740.15</u>													
BROUGHT FORWARD													
TOTALS													
5408.													
1A 1522953													

MEMORANDA

25 REPLACED 600510-04 TUNDR, HOUSING AD-82-27-03 *John M. [unclear]*
(REF 496486A)



Ceresa

LIMITED
ACCESSORIES
FAA APPROVED
STATION NO. TB3R8611

*Universal
A.R.*



WARRANTY APPLICATION

AERO *Electric INC.*

FAA CERTIFIED REPAIR STATION 322-14
(316) 943-6100 • 3414 WEST 29th STREET SOUTH
P.O. BOX 3807
WICHITA, KANSAS 67201

WORK ORDER NO: A-55105

Aero Electric warrants each product to be free from defects in material and workmanship under normal use and service; Aero Electric's obligation under this warranty will be limited to repairing or replacing at its option any parts which fail within time limit specified by this warranty. The warranty unit shall be returned to Aero Electric, Inc. transportation and handling charges prepaid; briefly describe the malfunction or reason for returning such warranty. Aero Electric will at its option repair or replace warranty unit to the nearest Aero Electric Dealer or Distributor. There are no other warranties, expressed or implied except Aero Electric's warranty against defects in material and workmanship set out above.

THIS WARRANTY DOES NOT INCLUDE ANY LABOR CHARGES.

LIMITED WARRANTY

WARRANTY PERIOD

6 MO. OR 250 HRS

PART NUMBER

MCL6504ECH

SERIAL NO.

A-55105

MFG S/N: 6K00404

WARRANTY NOT VALID UNLESS FACTORY
COPY OF WARRANTY CARD IS COMPLETED
AND SENT TO AERO ELECTRIC UPON
INSTALLATION.

RETAIN THIS COPY

DATE