#2

The Standard

ENGINE LOG

ASA-SE-2

Engine Log

ST. PETE AIR
107 8th Ave SE
Saint Petersburg, FL 33701

Tail #: N8575F
Date: 08/23/2024
Tach: 7460
TTE: 7460
SMOH: 2060.03

Performed a 100-hour inspection I/A/W FAR43 app D and Piper inspection form as a guide. Performed compression check #1 70/80 #2 72/80 #3 78/80 #4 76/80. Removed sparkplugs cleaned, gapped, tested and reinstalled plugs. Drained oil. Removed filter and checked for metal (no metal noted). Installed new oil filter P/N AA48110-2 and serviced with 6 qts of Phillips 20W50 XC oil and Camguard Removed and replace crankshaft seal P/N lw13792. I certify this engine has been inspected I/A/W a 100-hour inspection & FAR 43 app D and of this date found to be in airworthy condition

Charles Flynn

AP 4069417

ections, Tests, Repairs and Alteratio

ed with Name, Rating and Certificate Number o

acility. (*See* back pages for other specific entrie

Engine Log

ST. PETE AIR
107 8th Ave SE
Saint Petersburg, FL 33701

Tail #: N8575F
Date: 06/18/2024
Tach: 7263.12
TTE: 7263.12
SMOH: 1863.15

Performed a 100-hour inspection I/A/W FAR43 app D and Piper inspection form as a guide. Performed compression check #1 72/80 #2 74/80 #3 74/80 #4 76/80. Removed and replaced 5 spark plugs P/N REM38e, cleaned, gapped, tested and reinstalled remaining plugs. Drained oil. Removed filter and checked for metal (no metal noted). Installed new oil filter P/N AA48110-2 and serviced with 6 qts of Phillips 20W50 XC oil and Camguard. I certify this engine has been inspected I/A/W a 100-hour inspection & FAR 43 app D and of this date found to be in airworthy condition.

Charles Flynn
AP 4069417

Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Facility. (*See* back pages for other specific entries.)

Re-attach oil temp-
wire at sender ops. ✓OK
TACH 7263.4 6-20-24
W- [illegible] AP 3823790

YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
DA				Entries must be endorsed with Name, Rating and Certificate Number of ty. (*See* back pages for other specific entries.

Engine Log

ST. PETE AIR
107 8th Ave SE
Saint Petersburg, FL 33701

Tail #: N8575F
Date: 07/16/2024
Tach: 7363.12
TTE: 7363.12
SMOH: 1963.15

Performed a 100-hour inspection I/A/W FAR43 app D and Piper inspection form as a guide. Performed compression check #1 80/80 #2 76/80 #3 72/80 #4 78/80. Removed sparkplugs cleaned, gapped, tested and reinstalled plugs. Drained oil. Removed filter and checked for metal (no metal noted). Installed new oil filter P/N AA48110-2 and serviced with 6 qts of Phillips 20W50 XC oil and Camguard. I certify this engine has been inspected I/A/W a 100-hour inspection & FAR 43 app D and of this date found to be in airworthy condition

Charles Flynn
AP 4069417

YEAR

DATE

Engine Log

ST. PETE AIR
107 8th Ave SE
Saint Petersburg,
FL 33701

Tail #: N8575F
Date: 04/02/2024
Tach: 6949.23
TTE: 6949.23
SMOH: 1549.23

Performed a 100-hour inspection I/A/W FAR43 app D and Piper inspection form as a guide. Performed compression check #1 78/80 #2 76/80 #3 70/80 #4 80/80. Removed spark plugs, cleaned, gapped, tested and reinstalled. Drained oil. Removed filter and checked for metal- none found. Installed new Tempest oil filter P/N AA48110-2 and serviced with 6 qts of Phillips 20W50 XC oil. I certify this engine has been inspected I/A/W a 100-hour inspection & FAR 43 app D and of this date found to be in airworthy condition.

Charles Flynn

AP 4069417

pections, Tests, Repairs and Alterations

sed with Name, Rating and Certificate Number of
acility. (*See* back pages for other specific entries.)

Engine Log

ST. PETE AIR
107 8th Ave SE
Saint Petersburg,
FL 33701

Tail #: N8575F
Date: 04/30/2024
Tach: 7076.93
TTE: 7076.93
SMOH: 1676.96

Performed a 100-hour inspection I/A/W FAR43 app D and Piper inspection form as a guide. Performed compression check #1 74/80 #2 78/80 #3 72/80 #4 78/80. Removed spark plugs, cleaned, gapped, tested and reinstalled. Drained oil. Removed filter and checked for metal- none found. Installed new Tempest oil filter P/N AA4811 and serviced with 6 qts of Phillips 20W50 XC oil and Camguard. I certify this engine has been inspected I/A/W a 100-hour inspection & FAR 43 app D and of this date found to be in airworthy condition.

Charles Flynn

AP 4069417

Engine Log

ST. PETE AIR
107 8th Ave SE
Saint Petersburg, FL 33701

Tail #: N8575F
Date: 05/20/2024
Tach: 7156.04
TTE: 7156.04
SMOH: 1756.07

Performed a 100-hour inspection I/A/W FAR43 app D and Piper inspection form as a guide. Performed compression check #1 72/80 #2 74/80 #3 74/80 #4 76/80. Removed and replaced 1 spark plug P/N REM38e, cleaned, gapped, tested and reinstalled remaining plugs. Drained oil. Removed filter and checked for metal (no metal noted). Installed new oil filter P/N AA48110-2 and serviced with 6 qts of Phillips 20W50 XC oil and Camguard. I certify this engine has been inspected I/A/W a 100-hour inspection & FAR 43 app D and of this date found to be in airworthy conditi

Charles Flynn

AP 4069417

YEAR / DATE	RECORDING TACH TIME	ts, Repairs and Alterations ating and Certificate Number of pages for other specific entries.)

ST.PETEAIR

Engine Log

ST. PETE AIR
107 8th Ave SE
Saint Petersburg,
FL 33701

Tail #: N8575F
Date: 02/09/2024
Tach: 6835.0
TTE: 6835.0
SMOH: 1435.0

Performed a 100-hour inspection I/A/W FAR43 app D and Piper inspection form as a guide. Performed compression check #1 80/80 #2 70/80 #3 80/80 #4 75/80. Removed spark plugs, cleaned, gapped, tested and reinstalled. Drained oil. Removed filter and checked for metal- none found. Installed new Tempest oil filter P/N AA48110-2 and serviced with 6 qts of Phillips 20W50 XC oil. I certify this engine has been inspected I/A/W a 100-hour inspection & FAR 43 app D and of this date found to be in airworthy condition.

Charles Flynn

AP 4069417

YEAR / DATE	tions, Tests, Repairs and A with Name, Rating and Certificate ty. (*See* back pages for other spec

ST.PETEAIR

Engine Log

ST. PETE AIR
107 8th Ave SE
Saint Petersburg,
FL 33701

Tail #: N8575F
Date: 02/23/2024
Tach: 6850.78
TTE: 6850.78
SMOH: 1450.78

Performed a 100-hour inspection I/A/W FAR43 app D and Piper inspection form as a guide. Performed compression check #1 80/80 #2 70/80 #3 72/80 #4 80/80. Removed spark plugs, cleaned, gapped, tested and reinstalled. Drained oil. Removed filter and checked for metal- none found. Installed new Tempest oil filter P/N AA48110-2 and serviced with 6 qts of Phillips 20W50 XC oil. I certify this engine has been inspected I/A/W a 100-hour inspection & FAR 43 app D and of this date found to be in airworthy condition.

Charles Flynn

AP 4069417

ST. PETE AIR

Engine Log

ST. PETE AIR
107 8th Ave SE
Saint Petersburg,
FL 33701

Tail #: N8575F
Date: 11/17/2023
Tach: 6640.7
TTE: 6640.7
SMOH: 1240.7

Performed an annual inspection I/A/W FAR43 app D and Piper inspection form as a guide. Performed compression check #1 72/80 #2 74/80 #3 76/80 #4 70/80. Removed spark plugs, cleaned, gapped, tested and tested. Replaced 8 spark plugs with new P/N REM38E and installed remaining plugs. Drained oil. Removed filter and checked for metal- none found. Installed new Tempest oil filter P/N AA48110-2 and serviced with 6 qts of Phillips 20W50 XC oil. I certify this engine has been inspected I/A/W an annual inspection & FAR 43 app D and of this date found to be in airworthy condition.

Blake Reischmann

AP/IA 2732439

of Inspections, Tests, Repairs and Alterations

e endorsed with Name, Rating and Certificate Number of Repair Facility. (*See* back pages for other specific entries.)

YEAR

DATE

ST. PETE AIR

Engine Log

ST. PETE AIR
107 8th Ave SE
Saint Petersburg,
FL 33701

Tail #: N8575F
Date: 01/17/2024
Tach: 6741.0
TTE: 6741.0
SMOH: 1341.0

Performed a 100-hour inspection I/A/W FAR43 app D and Piper inspection form as a guide. Performed compression check #1 76/80 #2 74/80 #3 74/80 #4 80/80. Removed spark plugs, cleaned, gapped, tested and reinstalled. Drained oil. Removed filter and checked for metal- none found. Installed new Tempest oil filter P/N AA48110-2 and serviced with 6 qts of Phillips 20W50 XC oil. I certify this engine has been inspected I/A/W a 100-hour inspection & FAR 43 app D and of this date found to be in airworthy condition.

Charles Flynn

AP 4069417

tions, Tests, Repairs and A

with Name, Rating and Certificate N

ty. (*See* back pages for other spec

YEAR

DATE

Tests, Repairs and Alterations
e, Rating and Certificate Number of
ack pages for other specific entries.)

Engine Log

ST. PETE AIR
107 8th Ave SE
Saint Petersburg, FL 33701

Tail #: N8575F
Date: 05/11/2023
Tach: 6461.78
TTE: 6461.78
SMOH: 1061.78

Performed a 100-hour inspection I/A/W FAR43 app D and Piper inspection form as a guide Performed compression check #1 70/80 #2 72/80 #3 76/80 #4 76/80 Removed spark plugs, cleaned, gapped, tested and reinstalled Drained oil Removed filter and checked for metal- none found Installed new Tempest oil filter P/N AA48110-2 and serviced with 6 qts of Phillips 20W50 XC oil. I certify this engine has been inspected I/A/W a 100-hour inspection & FAR 43 app D and of this date found to be in airworthy condition

Charles Flynn

AP 4069417

YEAR

DATE

Tests, Repairs and Alterations
e, Rating and Certificate Number of
ack pages for other specific entries.)

Engine Log

ST. PETE AIR
107 8th Ave SE
Saint Petersburg, FL 33701

Tail #: N8575F
Date: 06/07/2023
Tach: 6543.7
TTE: 6543.7
SMOH: 1143.7

Performed a 100-hour inspection I/A/W FAR43 app D and Piper inspection form as a guide Performed compression check #1 78/80 #2 74/80 #3 76/80 #4 80/80 Removed spark plugs, cleaned, gapped, tested and reinstalled Drained oil Removed filter and checked for metal- none found Installed new Tempest oil filter P/N AA48110-2 and serviced with 6 qts of Phillips 20W50 XC oil I certify this engine has been inspected I/A/W a 100-hour inspection & FAR 43 app D and of this date found to be in airworthy condition

Charles Flynn

AP 4069417

YEAR

DATE

Tests, Repairs and Alterations
(e, Rating and Certificate Number of back pages for other specific entries.)

Engine Log

ST. PETE AIR
107 8th Ave SE
Saint Petersburg, FL 33701

Tail #: N8575F
Date: 03/01/2023
Tach: 6251.0
TTE: 6251.0
SMOH: 851.0

Performed a 100-hour inspection I/A/W FAR43 app D and Piper inspection form as a guide Performed compression check #1 74/80 #2 80/80 #3 76/80 #4 80/80 Removed spark plugs, cleaned, gapped and reinstalled Drained oil Removed filter and checked for metal- none found Installed new Tempest oil filter P/N AA48110-2 and serviced with 6 qts of Phillips 20W50 XC oil I certify this engine has been inspected I/A/W a 100-hour inspection & FAR 43 app D and of this date found to be in airworthy condition

Charles Flynn

AP 4069417

YEAR

DATE

Tests, Repairs and Alterations
(e, Rating and Certificate Number of back pages for other specific entries.)

Engine Log

ST. PETE AIR
107 8th Ave SE
Saint Petersburg, FL 33701

Tail #: N8575F
Date: 04/10/2023
Tach: 6348.6
TTE: 6348.6
SMOH: 948.6

Performed a 100-hour inspection I/A/W FAR43 app D and Piper inspection form as a guide. Performed compression check #1 80/80 #2 72/80 #3 76/80 #4 78/80 Removed spark plugs, cleaned, gapped and tested Replaced 1 with new P/N REM-38E and reinstalled remaining plugs Drained oil Removed filter and checked for metal- none found Installed new Tempest oil filter P/N AA48110-2 and serviced with 6 qts of Phillips 20W50 XC oil I certify this engine has been inspected I/A/W a 100-hour inspection & FAR 43 app D and of this date found to be in airworthy condition

Charles Flynn

AP 4069417

EAR

ATE

Tests, Repairs and Alterations
e, Rating and Certificate Number of
back pages for other specific entries.)

Engine Log

ST. PETE AIR
107 8th Ave SE
Saint Petersburg, FL 33701

Tail #: N8575F
Date: 11/01/2022
Tach: 6070.0
TTE: 6070.0
SMOH: 670.0

Performed a 100-hour inspection I/A/W FAR43 app D and Piper annual inspection form as a guide. Performed compression check #1 80/80 #2 80/80 #3 72/80 #4 80//80. Removed spark plugs, cleaned, gapped and reinstalled. Drained oil. Removed filter and checked for metal- none found. Installed new Tempest oil filter P/N AA48111-2 and serviced with 6 qts of Phillips 20W50 XC oil. I certify this engine has been inspected I/A/W a 100-hour inspection & FAR 43 app D and of this date found to be in airworthy condition.

Blake Reischmann

AP/IA 2732439

YEAR

DATE

Tests, Repairs and Alter
e, Rating and Certificate Num
back pages for other specific e

Engine Log

ST. PETE AIR
107 8th Ave SE
Saint Petersburg, FL 33701

Tail #: N8575F
Date: 01/12/2023
Tach: 6159.0
TTE: 6159.0
SMOH: 759.0

Performed a 100-hour inspection I/A/W FAR43 app D and Piper inspection form as a guide. Performed compression check #1 72/80 #2 76/80 #3 72/80 #4 80/80. Removed spark plugs, cleaned, gapped and reinstalled. Drained oil. Removed filter and checked for metal- none found. Installed new Tempest oil filter P/N AA48111-2 and serviced with 6 qts of Phillips 20W50 XC oil. I certify this engine has been inspected I/A/W a 100-hour inspection & FAR 43 app D and of this date found to be in airworthy condition.

Charles Flynn

AP 4069417

YEAR / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
11-1-21	5874.0			IAW AN ANNUAL INSP & HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION FOR RETURN TO SERVICE.
				Richard Conto A&P, IA 1638957

YEAR / DATE

ST. PETE AIR

Engine Log

ST. PETE AIR
107 8th Ave SE
Saint Petersburg, FL 33701

Tail #: N8575F
Date: 08/19/2022
Tach: 5974.0
TTE: 5974.0
SMOH: 574.0

Performed an annual inspection I/A/W FAR43 app D and Piper annual inspection form as a guide Performed compression check #1 78/80 #2 74/80 #3 76/80 #4 78//80 Removed spark plugs, cleaned, gapped and reinstalled Drained oil Removed filter and checked for metal- none found Installed new Tempest oil filter P/N AA48111-2 and serviced with 7 qts of Phillips 20W50 XC oil I certify this engine has been inspected I/A/W an annual inspection & FAR 43 app D and of this date found to be in airworthy condition

Blake Reischmann

AP/IA 2732439

'ests, Repairs and Alterations
e, Rating and Certificate Number of
ack pages for other specific entries.)

YEAR / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
6-22-20	5830.8			DRAINED OIL, CHANGED FILTER & SERVICED
				WITH 7 qts AERO SHELL 15W50 OIL. CHECKED
				FILTER NO METAL NOTED.
				Richard Comtois A&P 16389572
9-2-20	5836.2		5836.2	COMP. CHECK
	TSMOH	436.2		1) 74/80 2) 76/80 3 72/80 4) 76/80, REPLACED ALL 8
				SPARK PLUGS, REPLACED INDUCTION AIR FILTER
				~~Richard Comtois A&P, IA~~ I CERTIFY THAT
				THIS ENG HAS BEEN INSP THRU AN ANNUAL
				INSP & HAS BEEN DETERMINED TO BE IN AIRWORTHY
				CONDITION FOR RETURN TO SERVICE
				Richard Comtois A&P, IA 16389572

YEAR / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
4-7-21	5856.6		5856.6	DRAINED OIL, CHANGED FILTER AND
				SERVICED WITH 7 qts OF AERO SHELL
				15W50 OIL.
				Richard Comtois A&P 16389572
5-10-21	5857.1		5857.1	REPLACED CARBURETOR WITH AN OVERHAULED
				UNIT S/N MSOJ5409 ADJUSTED IDLE SPEED &
				MIXTURE ENG CHECKED GOOD ON GROUND RUN
				REPLACED MUFFLER BETWEEN #2 & #4 CYL.
				Richard Comtois A&P 16389572.
11-1-21	5874.0		5874.0	DRAINED OIL, CHANGED FILTER & SERVICED
	TSMOH	474.0		WITH 7 qts OF AERO SHELL 15W50 COMPCK 1) 78/80
				2) 76/80 3) 77/80 4) 78/80 REPLACED VAC PUMP WITH A
				NEW AA32150 PUMP S/N ORCB20 REMOVED
				S/N 22239 REPLACED INDUCTION AIR FILTER
				I CERTIFY THAT THIS ENG HAS BEEN INSP

YEAR / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Sarasota Avionics Inc Tampa (TPA) Engine
845 Severn Ave. Tampa, Fl 33606
Tail No.: N8575F/Lycoming/O-360-A4A/Serial Number:L-15383-36A
Date: 9/4/18 Work Order: M630
Tach: 5742.1 Hobbs: 897.6 Engine TT: 5742.1 Engine TSMO: 342.1

SARASOTA AVIONICS & MAINTENANCE

I certify that this engine has had an annual inspection IAW FAR43 Appendix D and was determined to be in an airworthy condition and is approved for return for service. All applicable airworthiness directives through 9/4/18 have been reviewed and/or complied with. List in logbook. Cylinder compressions 1-77, 2-76, 3-76, 4-74. Performed oil change, took oil sample, serviced engine with 8qts A.S. 15W50. Inspected old oil filter, no metal found. Cleaned and gapped all plugs, checked mag timing, lubed and checked engine controls. Replaced induction air filter. Secured loose muffler shroud. Removed and replaced fwd crank shaft seal and #1 intake gasket and hose. Performed ground run up, all applicable leak and ops checks good.

_____, Steven D. Reifeis A&P3505535IA

YEAR / DATE	

Tests, Repairs and Alterations
e, Rating and Certificate Number of
back pages for other specific entries.)

St.PeteAir

Engine Log

ST. PETE AIR
107 8th Ave SE
Saint Petersburg, FL 33701

Tail #: N8575F
Date: 09/17/2019
Tach: 5782.7
TTE: 5782.7
SMOH: 382.7

Performed an Annual inspection I/A/W FAR43 app D and Piper annual inspection form as a guide Performed compression check #1 76/80 #2 76/80 #3 72/80 #4 75/80 Removed spark plugs cleaned gapped and reinstalled Drained oil Removed filter and checked for metal- none found Installed new Champion oil filter P/N Ch48110-2 and serviced with 6 qts of Aeroshell W100 oil I certify this engine has been inspected I/A/W an annual inspection & FAR 43 app D and of this date found to be in airworthy condition

Blake Reischmann
AP/IA 2732439

YEAR

DATE

DATE 06/15/2015 TACH 5649.17 HOBB 799.8 #N8575F
TTE 5649.17 TSMOH 249.17

Advanced Aviation Inc.

Alterations
e Number of
ecific entries.)

COMPLIED WITH ANNUAL INSPECTION. CHANGED OIL AND FILTER CH48110-1 AND ADDED 8QT'S AEROSHELL 15W-50 OIL. INSPECTED FILTER FOR METAL, NONE NOTED. COMPRESSION TEST #1 75/80 #2 75/80 #3 74/80 #4 76/80. CHECKED MAG TIMING AND TESTED ALL LEADS. CLEANED GAPPED TESTED AND ROTATED PLUGS. CLEANED AND INSPECTED FUEL BOWL AND SCREENS. REPLACED INDUCTION AIR FILTER WITH NEW BA3. TIGHTENED ALL ALTERNATOR CASE HALF BOLTS AND RESAFETY WIRED. INSPECTED ALL INTAKE AND EXHUAST SYSTEMS. INSPECTED MUFFLER AND HEAT COLLECTOR. INSPECTED AND LUBED ALL ENGINE CONTROLS. CHECKED ALL AD'S THRU THIS DATE. WASHED DOWN ENGINE. RUN UP OPERATIONAL TEST CHECKED GOOD.

THE AIRCRAFT AND/OR COMPONENTS IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH ALL CURRENT FEDERAL AVIATION ADMINISTATIONS REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. ALL PERTINENT INFORMATION IS ON FILE UNDER W.O.2623 DATED 06/15/2015
SIGNED _____ A&P 2657747 IA
HOWARD CHOUANARD, ADVANCED AVIATION INC. PHONE 952-412-3395

YEAR

DATE

DATE 06/17/2016 TACH 5664.69 HOBB 816.3 #N8575F
TTE 5664.69 TSMOH 264.69

Advanced Aviation Inc.

Alterations
e Number of
ecific entries.)

COMPLIED WITH ANNUAL INSPECTION. CHANGED OIL AND FILTER CH48110-1 AND ADDED 8QT'S AEROSHELL 15W-50 OIL. INSPECTED FILTER FOR METAL, NONE NOTED. COMPRESSION TEST #1 77/80 #2 78/80 #3 75/80 #4 78/80. CHECKED MAG TIMING AND TESTED ALL LEADS. CLEANED GAPPED TESTED AND ROTATED PLUGS. CLEANED AND INSPECTED FUEL BOWL AND SCREENS. INSPECTED ALL INTAKE AND EXHUAST SYSTEMS. INSPECTED MUFFLER AND HEAT COLLECTOR. INSPECTED AND LUBED ALL ENGINE CONTROLS. CHECKED ALL AD'S THRU THIS DATE. WASHED DOWN ENGINE. RUN UP OPERATIONAL TEST CHECKED GOOD.

THE AIRCRAFT AND/OR COMPONENTS IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH ALL CURRENT FEDERAL AVIATION ADMINISTATIONS REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. ALL PERTINENT INFORMATION IS ON FILE UNDER W.O. 2753 DATED 06/17/2016
SIGNED _____ A&P 2657747 IA

DATE 07/12/2017 TACH 5671.27 HOBB 823.4 #N8575F
(corrected)TTE 5978.06 TSMOH 271.27

Advanced Aviation Inc.

COMPLIED WITH ANNUAL INSPECTION. CHANGED OIL AND FILTER CH48110-1 AND ADDED 8QT'S AEROSHELL 15W-50 OIL. INSPECTED FILTER FOR METAL, NONE NOTED. (oil sample taken). COMPRESSION TEST #1 75/80 #2 77/80 #3 75/80 #4 76/80. CHECKED MAG TIMING AND ALL LEADS. CLEANED GAPPED TESTED AND ROTATED PLUGS. CLEANED AND INSPECTED FUEL BOWL AND SCREENS. REMOVED AND REPLACED PROP SEAL WITH NEW P/N LW-13792. REINSTALLED PROP TORQUED AND SAFETY WIRED ALL BOLTS. INSPECTED ALL INTAKE AND EXHUAST SYSTEMS. INSPECTED MUFFLER AND HEAT EXCHANGER. INSPECTED AND LUBED ALL CONTROLS. CHECKED ALL AD'S THRU THIS DATE. WASHED DOWN ENGINE. RUN UP OPERATIONAL TEST CHECKED GOOD.

THE AIRCRAFT AND/OR COMPONENTS IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH ALL CURRENT FEDERAL AVIATION ADMINISTATIONS REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. ALL PERTINENT INFORMATION IS ON FILE UNDER W.O. 2868 DATED 07/12/2017
SIGNED _____ A&P 2657747 IA
HOWARD CHOUANARD, ADVANCED AVIATION INC. PHONE 952-412-3395

YEAR

DATE

DATE 02/08/2013 TACH 5619.6 HOBB 767.4 #N8575F
TTE 5619.6 TSMOH 219.6

Advanced Aviation Inc.

Alterations
Number of
cific entries.)

COMPLIED WITH ANNUAL INSPECTION OF THIS ENGINE. CHANGED OIL AND FILTER CH48110-1 AND ADDED 7QT'S AEROSHELL 15W-50 OIL. INSPECTED FILTER FOR METAL NONE NOTED. COMPRESSION CHECK. #1 73/80 #2 77/80 #3 78/80 #4 78/80. CHECKED MAG TIMING AND TESTED ALL LEADS. CLEANED GAPPED TESTED AND ROTATED ALL PLUGS. CLEANED AND INSPECTED FUEL BOWL AND SCREENS. INSPECTED INDUCTION FILTER. REPLACED #1 CYLINDER INTAKE TUBE GASKET. TIGHTENED ALTERNATOR BRACKET BOLTS AND RESAFETY WIRED. INSPECTED ALL INTAKE AND EXHUAST SYSTEMS. INSPECTED AND LUBED ALL ENGINE CONTROLS. AD2012-19-01 DATED 10-24-2012 TO PREVENT CRANCKSHAFT FAILURE. FOUND N/A. CHECKED ALL AD'S THRU THIS DATE. WASHED DOWN ENGINE, RUN UP OPERATIONAL TEST CHECKED GOOD.

THE AIRCRAFT AND/OR COMPONENTS IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH ALL CURRENT FEDERAL AVIATION ADMINISTATIONS REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. ALL PERTINENT INFORMATION IS ON FILE UNDER W.O.2343 DATED 02/08/2013
SIGNED Howard Chouanard A&P 2657747 IA
HOWARD CHOUANARD, ADVANCED AVIATION INC. PHONE 952-412-3395

YEAR

DATE

DATE 04/03/2014 TACH 5631.54 HOBB 780.8 #N8575F
TTE 5631.54 TSMOH 231.54

Advanced Aviation Inc.

l Alterations
e Number of
ecific entries.)

COMPLIED WITH ANNUAL INSPECTION. CHANGED OIL AND FILTER CH48110-1 AND ADDED 7QT'S AEROSHELL 15W-50 OIL. INSPECTED FILTER FOR METAL. NONE NOTED. COMPRESSION CHECK #175/80 #2 78/80 #3 75/80 #4 77/80. CHECKED MAG TIMING AND TESTED ALL LEADS. CLEANED GAPPED TESTED AND ROTATED PLUGS. CLEANED AND INSPECTED INDUCTION FILTER. CLEANED AND INSPECTED FUEL BOWL AND SCREENS. INSPECTED INTAKE AND EXHUAST SYSTEMS. INSPECTED MUFFLERS. INSPECTED AND LUBED ALL ENGINE CONTROLS. CHECKED ALL AD'S THRU THIS DATE. WASHED DOWN ENGINE. RUN UP OPERATIONAL TEST CHECKED GOOD.

THE AIRCRAFT AND/OR COMPONENTS IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH ALL CURRENT FEDERAL AVIATION ADMINISTATIONS REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. ALL PERTINENT INFORMATION IS ON FILE UNDER W.O.2478 DATED 04/03/2014
SIGNED Howard Chouanard A&P 2657747 IA
HOWARD CHOUANARD, ADVANCED AVIATION INC. PHONE 952-412-3395

YEAR / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
				DATE 02/08/2011TACH 5580.92 HOBB 724.6 #N8575F TTE 5580.92 TSMOH 180.92 Advanced Aviation Inc. COMPLIED WITH ANNUAL INSPECTION. CHANGED OIL AND FILTER CH48110-1 AND ADDED 7QT'S AEROSHELL 15W-50 OIL. INSPECTED FILTER FOR METAL NONE NOTED. COMPRESSION TEST #1 77/80 #2 78/80 #3 78/80 #4 78/80. CHECKED MAG TIMING AND TESTED ALL LEADS. CLEANED GAPPED TESTED AND ROTATED ALL PLUGS. CLEANED AND INSPECTED FUEL BOWL AND SCREENS. REPLACED INDUCTION AIR FILTER WITH NEW BA-3. REPLACED #1 CYLINDER INTAKE TUBE GASKET WITH NEW. INSPECTED ALL INTAKE AND EXHAUST SYSTEMS. INSPECTED AND LUBED ALL ENGINE CONTROLS. CHECKED ALL AD'S THRU THIS DATE. WASHED DOWN ENGINE, RUN UP OPERATIONAL TEST CHECKED GOOD. THE AIRCRAFT AND/OR COMPONENTS IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH ALL CURRENT FEDERAL AVIATION ADMINISTATIONS REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. ALL PERTINENT INFORMATION IS ON FILE UNDER W.O.2166 DATED 02/08/2011 SIGNED _____ A&P 2657747 IA HOWARD CHOUANARD, ADVANCED AVIATION INC. PHONE 952-412-3395

YEAR / DATE	**Alterations** (Number of specific entries.)
	DATE 11/04/2011 TACH 5593.87 HOBB 739.4 #N8575F Advanced Aviation Inc. ADJUSTED R/H AND L/H MAG TIMING AS PER MAINT MANUAL. REMOVED STARTER INSPECTED AND RETIGHTENED CASE BOTTY SCREWS. CLEANED AND INSPECTED ALL FUEL PRIMER INJECTORS.INSPECTED SERVICED AND CHARGED BATTERY. CLEANED ALL TERMINALS. RUN UP CHECKED GOOD. THE AIRCRAFT AND/OR COMPONENTS IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH ALL CURRENT FEDERAL AVIATION ADMINISTATIONS REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. ALL PERTINENT INFORMATION IS ON FILE UNDER W.O.2223 DATED 11/04/2011 SIGNED _____ A&P 2657747 IA HOWARD CHOUANARD, ADVANCED AVIATION INC. PHONE 952-412-3395 DATE 02/13/2012 TACH 5595.55 HOBB 741.3 #N8575F TTE 5595.55 TSMOH 195.55 Advanced Aviation Inc. COMPLIED WITH ANNUAL INSPECTION. CHANGED OIL AND FILTER CH48110-1 AND ADDED 8QT'S AEROSHELL 15W-50 OIL. INSPECTED FILTER FOR METAL NONE NOTED. COMPRESSION CHECK. #1 75/80 #2 76/80 #3 75/80 #4 77/80. CHECKED MAG TIMING AND TESTED ALL LEADS. CLEANED GAPPED TESTED AND ROTATED PLUGS. CLEANED AND INSPECTED FUEL BOWL AND SCREENS. REMOVED STARTER P/N MZ4222. AND INSTALLED LIGHT WIEGHT STARTER P/N MZ6222 S/N FO91709. ADJUSTED W&B SHEETS. INSPECTED ALL INTAKE AND EXHAUSTSYSTEMS. INSPECTED AND LUBED ALL CONTROLS. CHECKED ALL AD'S THRU THIS DATE. WASHED DOWN ENGINE, RUN UP CHECKED GOOD. THE AIRCRAFT AND/OR COMPONENTS IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH ALL CURRENT FEDERAL AVIATION ADMINISTATIONS REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. ALL PERTINENT INFORMATION IS ON FILE UNDER W.O.2243 DATED 02/13/2012 SIGNED _____ A&P 2657747 IA HOWARD CHOUANARD,ADVANCED AVIATION INC. PHONE 952-412-3395

YEAR / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

DATE 2/10/2010 TACH 5553.54 HOBB 695.0 #N8575F
TTE 5553.54 TSMOH 153.54

Advanced Aviation Inc.

COMPLIED WITH ANNUAL INSPECTION. CHANGED OIL AND FILTER CH48110-1 AND ADED 7QT'S AEROSHELL 15W-50 OIL. INSPECTED FILTER FOR METAL, NONE NOTED. COMPRESSON CHECK. #1 78/80 #2 77/80 #3 76/80 #4 78/80. CLEANED GAPPED TESTED AND ROTATED ALL PLUGS. CHECKED MAG TIMING AND TESTED ALL LEADS. CLEANED AND INSPECTED FUEL BOWL AND SCREENS. REPLACED PROP SEAL WITH NEW P/N LW-13792 SEAL. REINSTALLED PROP AND TOQUED PER PIPER MAINTENANCE MANUAL. SAFETY WIRED PROP BOLTS. REMOVED #2 CYLINDER EXHUAST RISER AND REPAIRED BY WELDING SMALL CRACK. REINSTALLED AND TORQUED ALL NUTS. CLEANED AIR FILTER. INSPECTED ALL INTAKE AND EXHAUST SYSTEMS. INSPECTED AND LUBED ALL CONTROLS. AD 2009-26-12. FOUND DOES APPLY. ECI CYLINDERS FALL INTO GROUP "B". CYLINDERS NEED TO BE REPLACED BEFORE ACCUMULATING 350 HOURS, AS PER PARAGRAPH II (A) THRU (K). CURRENT TIME ON CYLINDERS IS 153.54. CYLINDERS PASSED VISUAL AND COMPRESSION TEST. CHECKED ALL AD'S THRU THIS DATE. WASHED DOWN ENGINE, RUN UP CHECKED GOOD.

THE AIRCRAFT AND/OR COMPONENTS IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH ALL CURRENT FEDERAL AVIATION ADMINISTATIONS REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. ALL PERTINENT INFORMATION IS ON FILE UNDER W.O.2094 DATED 2/10/2010
SIGNED Howard Chouanard A&P 2657747 IA
HOWARD CHOUANARD, ADVANCED AVIATION INC. PHONE 952-412-3395

YEAR / DATE

erations
mber of
entries.)

DATE 3/15/2010 TACH 5555.20 TSMOH 155.20 #N8575F

Advanced Aviation Inc.

COMPLYED WITH AD2009-26-12 BY REMOVEING ALL ECI CYLINDER ASSEMBLES P/N AEL65102 S/N'S 39701-30, 39836-18, 39836-22, 39836-29. INSTALLED ALL NEW ECI CYLINDER ASSEMBLIES. P/N TISN12.OCA/AEL65102. S/N'S 66450-21, 66464-16, 66621-04, 66621-15. (SEE 8130'S ATTACHED). INSTALLED WITH ALL NEW GASKETS AND SEALS. REASSEMBLED ENGINE AND TORQUED ALL NUTS PER LYCOMING OVERHAUL MANUAL. DRAINED OIL AND ADDED 6QT'S PHILLIPS 20W-50X/C. PRE OILED ENGINE. RUN UP LEAK AND FUNCTIONAL TEST CHECKED GOOD. THIS IS TERMINATING ACTION FOR THIS AD.

THE AIRCRAFT AND/OR COMPONENTS IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH ALL CURRENT FEDERAL AVIATION ADMINISTATIONS REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. ALL PERTINENT INFORMATION IS ON FILE UNDER W.O.2104 DATED 3/15/2010
SIGNED Howard Chouanard A&P 2657747 IA
HOWARD CHOUANARD, ADVANCED AVIATION INC. PHONE 952-412-3395

YEA

DAT

ations
er of
ntries.)

DATE 08/13/08 TACH 5466.55 HOBBS 601.2 N#8575F

Advanced Aviation Inc.

CHANGED OIL AND FILTER CH48110-1 AND ADDED 8QTS A/S 15W-50. RUN UP LEAK CHECKED GOOD.

THE AIRCRAFT AND/OR COMPONENTS IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH ALL CURRENT FEDERAL AVIATION ADMINISTATIONS REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. ALL PERTINENT INFORMATION IS ON FILE UNDER W.O. # 2017 DATED 08/13/08
SIGNED Howard Chouanard A&P 2657747 IA
HOWARD CHOUANARD, ADVANCED AVIATION INC. PHONE 952-412-3395

YEAR

DATE

DATE 02/10/2009 TACH 5505.6 HOBBS 642.8 #N8575F

Advanced Aviation Inc.

d Alterations
ate Number of
specific entries.)

TTE 5505.6 TSMOH 105.6. COMPLIED WITH ANNUAL INSPECTION. CHANGED OIL AND FILTER CH48110-1 AND ADDED 8QTS AEROSHELL 15W-50 OIL. INSPECTED FILTER FOR METAL, NONE NOTED. COMPRESSION CHECK. #1 77/80 #2 78/80 #3 73/80 #4 78/80. CLEANED GAPPED TESTED AND ROTATED PLUGS. CHECKED MAG TIMEING AND TESTED ALL LEADS.TESTED TANNIS HEATER CHECKED GOOD. PRESSURE TESTED MUFFLER FOR LEAKS, CHECKED GOOD. CLEANED AND INSPECTED FUEL BOWL AND SCREENS. WELD REPAIRED CRACK IN CARB HEAT COLLECTOR. PATCHED #4 CYLINDER BAFFLE.REPLACED INDUCTION AIR FILTER WITH NEW BA-3. INSPECTED ALL INTAKE AND EXHAUST SYSTEMS. INSPECTED AND LUBED ALL ENGINE CONTROLS. AD2008-19-05 DATED 10/20/2008. TO PREVENT THE LOSS OF POWER, FOUND N/A TO CYLINDER S/N. CHECKED ALL AD'S THRU BI-WEEKLY 1-23-2009. WASHED DOWN ENGINE, RUN UP OPERATIONAL AND LEAK CHECKED GOOD.

THE AIRCRAFT AND/OR COMPONENTS IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH ALL CURRENT FEDERAL AVIATION ADMINISTATIONS REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. ALL PERTINENT INFORMATION IS ON FILE UNDER W.O. # 2037 DATED 2/10/09
SIGNED Howard Chouanard A&P 2657747 IA
HOWARD CHOUANARD, ADVANCED AVIATION INC. PHONE 952-412-3395

YI

DI

10/11/07 Tach 5424 5422 TSMOH 24
Engine Lyc. 0-360-A4A S/N L-16383-56A TT 24 SMOH
This engine inspected in accordance with Piper Inspection Form 230 207 7902 and AC43.13 Appendix D. Engine inspected for oil and fuel leaks. Changed oil Phillips XC 20/50 Filter changed ES48110. Oil filter Opened and inspected for contamination. Engine & Firewall washed down and inspected. Removed sparks plugs Cleaned, gapped and rotated. Compression test preformed all cyl's 77 or higher over 80 As indicated on valve covers. Mag timing check. Openings in engine baffling sealed. Engine to airframe mount bolt torque checked. Engine to mount torque checked. Heat exchanger Inspected for condition. Propeller track checked, burnished and painted. This engine runup inspected for oil leaks and proper control movement& returned to service.
Earl Draayer A&P 2658469

Alterations
e Number of
ecific entries.)

1-31-08 Tach. 5429.89

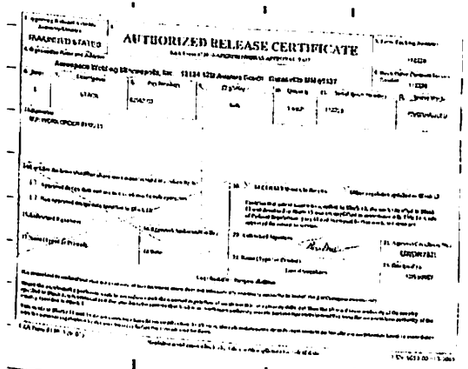
Removed filter and replaced with new CH48110-1. Cut old filter and Insp. for metal, none Noted. Performed Compression test #1 78/80 #2 78/80 #3 77/80 #4 77/80. reinstalled all plugs and leads. and Cowled.
Richard Thomsen A&P 2657747 IA

YI

DI

02/11/08 Tach Tach 5432 TTAF 5432
Engine Lyc. 0-360-A4A S/N L-16383-56A TT 32 SMOH
This engine inspected in accordance with Piper Inspection Form 230 207 7902 and AC43.13 Appendix D. Engine inspected for oil and fuel leaks. Engine & Firewall washed down and inspected. Replace crankshaft Seal P/N LW-11997. Repositioned #4 valve oil drain line clamp. Replaced #2 exhasut stack P/N 62892-03. Installed new intake seal #2. Removed sparks plugs Cleaned, gapped and rotated. Compression test preformed all cyl's 77 or higher over 80 As indicated on valve covers. Mag timing check. Engine to airframe mount bolt torque checked. Engine to mount torque checked. Heat exchanger Inspected for condition. Propeller track checked, burnished. This engine runup inspected for oil leaks and proper control movement& returned to service.
Earl Draayer A&P 2658469

Alterations
Number of
ecific entries.)


AUTHORIZED RELEASE CERTIFICATE

CENTRAL CYLINDER SERVICE INC.
AIRCRAFT ENGINE REBUILDERS
Certified Repair Station MY2R022L
6315 Lindbergh Drive • Riverfront Industrial Park • Omaha, NE 68110

Lycoming 0 360 A4A S/N L-15383-36A TT 5422 7-7-06
Overhauled and assembled above engine lower end using the following major parts and other parts listed on W.O. 12794: Reground camshaft, reconditioned tappets, new plungers, rod nuts and bolts, rod and rocker bushings, rod and main bearings, tach shaft, vacuum pump drive, temp valve, intake hoses, oil pump body and necessary gaskets and seals. Magnafluxed misc. steel parts. Magnafluxed and dimensionally inspected crankshaft. Zyglo inspected crankcase, milled and align bored/honed. Modified crank gear per SB475C. Reground camshaft per CCS009 Process Spec. and reconditioned tappets as per CCS/798 Process Spec. No accessory or cylinder work done. Applicable AD's complied with. Engine subject to test run. All work accomplished in accordance with Lycoming Service Publications. Details of work are on file at this facility W.O. 12794.

for CRS MY2R022L

Alterations
e Number of
ecific entries.)

, Repairs and Alterations
ng and Certificate Number of
ages for other specific entries.)

08/15/06
Tach RDs 5400
Airframe Total Time 5422
Engine Total Time 5422 0 SMOH
N8575F PA28-181 S/N 28-7790259
Engine Lyc. O-360-A4A S/N L-15383-56A

This engine overhauled per Lyc. Overhaul manual and SL 1427B. Installed ECI TITAN Complete Cylinder Assemblies TISIN12.0CA S/N'S 39701-30, 39836-18, 39836-22, 39836-29. New piston pins (4) AEL14077-1. Hydraulic Plungers Assemblies (8) P/N 78290. Overhauled Carburetor MA4-4 P/N 10-4164-1 S/N K 10 4617 by CRS MY2R022L W.O. 12795. Engine Lower end was overhauled by CRS MY2R022L W.O. 12794. Installed Overhauled Magneto's TCM S4LN-20 P/N 10-51360-29 564459 & S4LN-21 P/N 10-51360-37 S/N 85480146 By CRS QKKR724L W.O. 3204 & 10736. New ignition harness M-2364 installed. Installed new oil and fuel hoses with fire sleeve. Installed new Engine Lord mounts 94011-20. Installed engine exhaust system (TSOH 48) with new exhaust gaskets. Mounted recent overhauled starter (TSOH 78 hrs) and Alternator (461 TSOH). This engine was test run in accordance with Lycoming Overhaul manual & SI 1241 pre oil & SL 1427B.
I certify that this engine has been Major overhaul in accordance with Lyc. Overhaul manual and has been determined to be in airworthy condition.
Earl Draayer IA 2658469

08/20/06
Tach Rds 5400
Airframe Total Time 5422
Engine installed using new engine mounts J9613-40. Airframe N8575F PA28-181 S/N 28-7790259. Installed Propeller Sensenich 76EM855-0-60 (TSOH 102.)
Earl Draayer A&P 2658469

MAg

Work Order / Invoice

QUAN	PART NUMBER / DESCRIPTION		AMOUNT
1	AB-90751-18	COTTER PIN	
1	AB-51678	OIL SLINGER	
1	AB-357592	OIL SEAL	
1	AB-81806	BALL BEARING	
3	AB-90788-5	KEY	
2	AB-35937-8	SCREW	
2	10-50765	COIL CLAMP	
1	AB-391213	SCREW	
1	AB-3-202	BALL BEARING	
1	AB-150844	CARBON BRUSH	
1	AB-92815-37	SNAP RING	
1	AB-349511	WASHER	
1	AB-605505	WASHER	
1	AB-391309	NYLON WASHER	
3	AB-102083	SCREW	
1	AB-163374	FELT	
1	AB-50752	FELT	
5	AB-157158	SCREW	
7	AB-35936-7	SCREW	
1	AB-14268	WASHER	
1	AB-51676	CONDENSER	
1	AB-357174	CONTACT POINTS	
1	10-51643	NUT	
1	10-3793	LOCK WASHER	
1	10-357078	BEARING	

☐ PRELIMINARY INSPECTION
☐ HIDDEN DAMAGE INSPECTION
☐ PROGRESSIVE INSPECTION
☐ FINAL INSPECTION BY

I CERTIFY THE ACCESSORY HAS BEEN REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND HAS BEEN FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THIS REPAIR ARE ON FILE UNDER THIS WORK ORDER.

DATE Jul. 17, 06
FAA CERT NO QKKR724L
INSPECTOR SIGNATURE
FAA CERT NO QKKR724L

Form No. F-111C

MAG

ARN-AIR
405 MAIN ST., P.O. BOX 148
BAYARD, IOWA 50029
PHONE 712-651-2255
FAA CERT. QKKR724L

Work Order No 3205

NAME: LITE PLAINS INC.	TYPE UNIT: MAGNETO
ADDRESS	MANUFACTURE: TCM (BENDIX)
ADDRESS	MODEL #: S4LN-21
	SERIAL #: 85460146
	Part Number: 10-51360-37
DRUG TEST #: E-GL-00065-U	DATE IN: / DATE OUT: Jul. 17, 06

SYMPTOMS OR WORK TO BE PERFORMED
OVERHAUL OR EXCHANGE TCM(BENDIX) MAGNETO COMPLY WITH AIRWORTHINESS DIRECTIVES, SERVICE BULLETINS AND REPAIR AS NEEDED.

SERVICE PERFORMED	AMOUNT
OVERHAUL OR EXCHANGE	$325.00
EXTRA PARTS	$138.74

AD'S COMPLIED WITH:
74-20-09 39-2050 IMPULSE BUSHING, 82-20-01 39-4858 IMPULSE INSPECTION, 94-01-03 39-9271 CORRECT ROTOR AND COIL, 94-05-02 39-8895 CORRECT CONDENSER.

SB'S COMPLIED WITH:
SB'S CW 656C,623,639 641,645,658.

I HEREBY AUTHORIZE THE ABOVE REPAIRS ALONG WITH THE NECESSARY MATERIALS. YOU OR YOUR EMPLOYEES MAY MAKE NECESSARY CHECKS TO DETERMINE THE AIRWORTHINESS OF THIS UNIT. AN EXPRESS MECHANIC'S LIEN IS HEREBY ACKNOWLEDGED ON ABOVE UNIT TO SECURE AMOUNT OF REPAIRS THERETO.

X

PARTS	
LABOR	
TAX	
TOTAL	463.74

SHEET 2	WORK ORDER NO.
	3205

QUAN	PART NUMBER / DESCRIPTION		AMOUNT
1	10-51354	WASHER	
1	10-400012	DATA PLATE	
1	AB-357424	BLOCK	$51.86

QUAN	PART NUMBER / DESCRIPTION		AMOUNT
1	10-682025	SCREW	
1	10-51324	IMPULSE SPRING	$25.00
2	10-400602	STOP PIN 30.94	$61.88

AUTHORIZED RELEASE CERTIFICATE
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving National Aviation Authority/Country: FAA / UNITED STATES
3. Form Tracking Number: 11420
4. Organization Name and Address: ARN-AIR, 405 Main St, P.O. Box 148, Bayard, IA 50029
5. Work Order/Contract/Invoice Number: 3205

6. Item	7. Description	8. Part Number	9. Eligibility*	10. Quantity	11. Serial/Batch Number	12. Status/Work
1.	MAGNETO	10-51360-37	VARIOUS	1	85400146	OVERHAULED

13. Remarks: DRUG TEST # E-GL-00065-U
OVERHAUL OR EXCHANGE TCM(BENDIX) MAGNETO COMPLY WITH AIRWORTHINESS DIRECTIVES, SERVICE BULLETINS AND REPAIR AS NEEDED. 74-20-09 39-2050 IMPULSE BUSHING, 82-20-01 39-4858 IMPULSE INSPECTION, 94-01-03 39-9271 CORRECT ROTOR AND COIL, 94-05-02 39-8895 CORRECT CONDENSER,SB'S CW 656C,623,639,641,645,658.

14. Certifies the items identified above were manufactured in conformity to:
☐ Approved design data and are in condition for safe operation.
☐ Non-approved design data specified in Block 13.

19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13
Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature | 16. Approval/Authorization No.
17. Name (Typed or Printed) | 18. Date (m/d/y)
20. Authorized Signature | 21. Approval/Certificate No.: CRS. QKKR724L
22. Name (Typed or Printed): Arnold Kesselring | 23. Date (m/d/y): July 17, 2006

User/Installer Responsibilities

FAA Form 8130-3 (6-01) * Installer must cross-check eligibility with applicable technical data. NSN: 0052-00-012-9005

Work Order / Invoice

QUAN	PART NUMBER / DESCRIPTION		AMOUNT
1	AB-90751-18	COTTER PIN	
1	AB-51678	OIL SLINGER	
1	AB-357592	OIL SEAL	
1	AB-81806	BEARING	
2	AB-90788-5	WOODRUFF KEY	
2	AB-35937-8	SCREW	
2	AB-50765	COIL CLAMP	
1	AB-391213	SCREW	
1	AB-2-202	BEARING	
1	AB-160844	CARBON BRUSH	
1	AB-92815-37	SNAP RING	
1	AB-349511	SLIDE WASHER	
1	AB-606505	WASHER	
1	AB-391309	WASHER	
3	AB-102090	SCREW	
1	AB-163374	FELT	
1	AB-50752	FELT	
5	AB-157158	SCREW	
7	AB-35936-7	SCREW	
1	AB-14268	WASHER	
1	AB-51676	CONDENSER	
1	AB-357174	CONTACT POINTS	
1	10-163151	NUT	
1	10-4093	WASHER	
1	10-357078	OIL BEARING	

☐ PRELIMINARY INSPECTION
☐ HIDDEN DAMAGE INSPECTION
☐ PROGRESSIVE INSPECTION
☐ FINAL INSPECTION BY

I CERTIFY THE ACCESSORY HAS BEEN REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND HAS BEEN FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THIS REPAIR ARE ON FILE UNDER THIS WORK ORDER.

DATE Jul. 17, 06
FAA CERT NO QKKR724L
FAA CERT NO QKKR724L

Form No. F-111C

MAg

ARN-AIR
405 MAIN ST., P.O. BOX 148
BAYARD, IOWA 50029
PHONE 712-651-2255
FAA CERT. QKKR724L

Work Order No 3204

NAME: LITE PLAINS INC	TYPE UNIT: MAGNETO
ADDRESS	MANUFACTURE: TCM
ADDRESS	MODEL #: S4LN-20
	SERIAL #: 584459
	Part Number: 10-51360-29
DRUG TEST #: E-GL-00065-U	DATE IN: / DATE OUT: Jul. 17, 06

SYMPTOMS OR WORK TO BE PERFORMED
OVERHAUL TCM BENDIX MAGNETO COMPLIE WITH AIRWORTHNESS DIRECTIVES, SERVICE BULLETINS REPAIR AS NEEDED

SERVICE PERFORMED	AMOUNT
TCM OVERHAUL OR EXCHANGE	$325.00
EXTRA PARTS	$151.56

AD'S COMPLIED WITH:
94-01-03 39-9271 CORRECT ROTOR & COIL INSTALLED.
94-05-09 39-8895 CORRECT CONDENSER DATE CODE.

SB'S COMPLIED WITH:
TCM SB'S CW 641,644,658

I HEREBY AUTHORIZE THE ABOVE REPAIRS ALONG WITH THE NECESSARY MATERIALS. YOU OR YOUR EMPLOYEES MAY MAKE NECESSARY CHECKS TO DETERMINE THE AIRWORTHINESS OF THIS UNIT. AN EXPRESS MECHANIC'S LIEN IS HEREBY ACKNOWLEDGED ON ABOVE UNIT TO SECURE AMOUNT OF REPAIRS THERETO

X

PARTS	
LABOR	
TAX	
TOTAL	476.56

SHEET 2	WORK ORDER NO.
	3204

QUAN	PART NUMBER / DESCRIPTION		AMOUNT
1	10-51354	WASHER	
1	10-400012	DATA PLATE	
1	AB-357424	DISTRIBUTOR BLOCK	$51.85

QUAN	PART NUMBER / DESCRIPTION		AMOUNT
1	10-682025	SCREW	
1	AB-357164-1	COIL	$100.00

AUTHORIZED RELEASE CERTIFICATE
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving National Aviation Authority/Country: FAA / UNITED STATES
3. Form Tracking Number: 11430
4. Organization Name and Address: ARN-AIR, 405 Main St, P.O. Box 148, Bayard, IA 50029
5. Work Order/Contract/Invoice Number: 3204

6. Item	7. Description	8. Part Number	9. Eligibility*	10. Quantity	11. Serial/Batch Number	12. Status/Work
1	MAGNETO	10-51360-29	VARIOUS	1	584459	OVERHAULED

13. Remarks: DRUG TEST # E-GL-00065-U
OVERHAUL TCM BENDIX MAGNETO COMPLIE WITH AIRWORTHNESS DIRECTIVES, SERVICE BULLETINS, REPAIR AS NEEDED.
94-01-03 39-9271 CORRECT ROTOR & COIL INSTALLED.
94-05-09 39-8895 CORRECT CONDENSER DATE CODE.. TCM SB'S CW 641,644,658.

14. Certifies the items identified above were manufactured in conformity to:
☐ Approved design data and are in condition for safe operation.
☐ Non-approved design data specified in Block 13.

19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13
Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature | 16. Approval/Authorization No.
17. Name (Typed or Printed) | 18. Date (m/d/y)
20. Authorized Signature | 21. Approval/Certificate No.: CRS. QKKR724L
22. Name (Typed or Printed): Arnold Kesselring | 23. Date (m/d/y): July 17, 2006

User/Installer Responsibilities

FAA Form 8130-3 (6-01) * Installer must cross-check eligibility with applicable technical data. NSN: 0052-00-012-9005

MAg

SEE orginals in main files for ak

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	D... E...

Premium Aircraft Parts, LLC
1109 S. Quincy
Fort Smith, AR 72901

Sales Order

Date	S.O. No.
6/13/2006	51908

Name / Address	Ship To
Lite Plains 1621 Airport Drive LeMars, IA 51031 USAO	Lite Plains 1621 Airport Drive LeMars, IA 51031 USAO

P.O. No.	Terms	Rep	Account #	Ship Date	Ship Via	Project
85757	Credit Card	Chris		6/13/2006	UPS	

Item	Description	Qty Ordered	Sell Price	To Pick	List Price	Amount
TISN12.0CA	TITAN Cylinder, Complete Assy, Nickel Bore	4	[redacted]	1	[redacted]	[redacted]
AEL14077-1	PISTON PIN ASSEMBLY	4	[redacted]	0	[redacted]	[redacted]
AFL78240	Plunger Assembly, Hydraulic Unit	8	[redacted]	0	[redacted]	[redacted]

ENGINE COMPONENTS, INC.
9503 Middlex
San Antonio, TX 76217
Phone: 20-820-8101
Fax: 210-820-8102

Packing Slip Number 55924-1

Customer PO	Order Date	Page
918544	06-30-06	1

Ship To: 3147
Lite Plains
1621 Airport Dr
LeMars, IA 51031

Bill To: 3147
Premium Aircraft Parts LLC

Ordered By: Chris Baker

Ship Via: UPS GROUND

Ln No	Item Number	Description	Sell UM	Quantity To Ship	Quantity Shipped
1	TIS012.0CA	Cylinder Comp Assy	EA	4.00	4.00

Serial Numbers:
39701-30, 39836-18, 39836-22, 39836-79

Cyl

Printed: 07-05-06 16:05:12

Airworthiness Directive Compliance Record

6315 Lindbergh Dr. Omaha, Nebraska 68110
(402) 451 6468

Report Produced By: Central Cylinder Service

Current Revision 6/1/2006 | Field: "NEW" | Aircraft Registration

AD Number Effective Date	Description	Complied Date Time	Amendment Number Method of Compliance/Applicability	Once or Recur	Next Due Date Time	1. Facility 2. Cert. Type 3. Cert. Num. 4. Author. By
Manufacturer: Textron Lycoming	Category: Engine	Model: O-360-A4A				Part #: Engine Serial #: L-15383-36A
98-17-11 C 10/19/1998	TO PREVENT CRANKSHAFT FAILURE DUE TO CRACKING WHICH COULD RESULT IN AN INFLIGHT ENGINE FAILURE AND POSSIBLE CONTD	7/7/2006	N/A crank not balanced by Nelson	Once		1 Central Cylinder Service 2 Repair Station 3 MY2RO22L 4 Eugene Jedlicka
2004-10-14 C 6/23/2004	To prevent loosening or failure of the crankshaft gear retaining bolt which may cause sudden engine failure	7/7/2006	Complied with SB 475C installed new bolt p/n AEL STD 2213 and torqued to 204 in-lbs	Once		1 Central Cylinder Service 2 Repair Station 3 MY2RO22L 4 Eugene Jedlicka
2005-19-11 10/21/2005	To prevent failure of the crankshaft which could result in total engine power loss, in-flight failure and contd	7/7/2006	N/A by engine model number	Once		1 Central Cylinder Service 2 Repair Station 3 MY2RO22L 4 Eugene Jedlicka

Eng

Airworthiness Directive Compliance Record

6315 Lindbergh Dr. Omaha, Nebraska 68110
(402) 451 6468

Report Produced By: Central Cylinder Service

Current Revision 6/29/2006 | Field: "NEW" | Aircraft Registration

AD Number Effective Date	Description	Complied Date Time	Amendment Number Method of Compliance/Applicability	Once or Recur	Next Due Date Time	1. Facility 2. Cert. Type 3. Cert. Num. 4. Author. By
Manufacturer: Precision Airmotive	Category: Appliance	Model: MA-4-5				Part #: 10-4164-1 Serial #: K10-4610
83-22-03 12/2/1983	ERRATIC ENGINE OPERATION OR COMPLETE ENGINE STOPPAGE	7/7/2006	Complied previously installed	Once		1 Central Cylinder Service 2 Repair Station 3 MY2RO22L 4 Mike Starg
69-24-03 11/29/1969	TO PREVENT POSSIBLE POWER LOSSES DUE TO BLOCKAGE OF CARBURETOR METERING PASSAGES BY THREAD LUBRICANT CONTD	7/7/2006	N/A by serial number	Once		1 Central Cylinder Service 2 Repair Station 3 MY2RO22L 4 Mike Starg
73-06-05 R2 7/3/1996	TO PREVENT LOOSENESS OR SEPARATION OF THE THROTTLE ARM	7/7/2006	N/A by retention method	Once		1 Central Cylinder Service 2 Repair Station 3 MY2RO22L 4 Mike Starg
89-04-02 3/9/1989	TO PREVENT POSSIBLE JAMMING OF THE CARBURETOR THROTTLE	7/7/2006	N/A by serial number	Once		1 Central Cylinder Service 2 Repair Station 3 MY2RO22L 4 Mike Starg

Eng

... n of ... Alterations
... be er... e Number of
... Rep... ecific entries.)

Airworthiness Directive Compliance Record

6315 Lindbergh Dr. Omaha, Nebraska 68110
(402) 451 6468

Report Produced By: Central Cylinder Service

Current Revision 6/1/2006 | Field: "NEW" | Aircraft Registration

AD Number Effective Date	Description	Complied Date Time	Amendment Number Method of Compliance/Applicability	Once or Recur	Next Due Date Time	1. Facility 2. Cert. Type 3. Cert. Num. 4. Author. By
Manufacturer: Textron Lycoming	Category: Engine	Model: O-360-A4A				Part #: Engine Serial #: L-15383-36A
2005-26-10 1/31/2006	To prevent loss of engine power due to cracks in the cylinder assemblies & possible engine failure caused contd	7/7/2006	N/A no cylinders installed	Once		1 Central Cylinder Service 2 Repair Station 3 MY2RO22L 4 Eugene Jedlicka
2006-08-16 4/27/2006	To prevent failure of the crankshaft which could result in total engine power loss, in flight engine contd	7/7/2006	N/A by engine crank date of manufacture	Once		1 Central Cylinder Service 2 Repair Station 3 MY2RO22L 4 Eugene Jedlicka
2006-10-21 C 5/22/2006	To prevent fatigue failure of the connecting rod & possible uncommanded shutdown of the engine	7/7/2006	N/A engine does have ECI connecting rods	Once		1 Central Cylinder Service 2 Repair Station 3 MY2RO22L 4 Eugene Jedlicka

Eng

SERVICEABLE MAINTENANCE RELEASE

P/N 10-4164-1
MAKE: Precision S/N: K 10 4610
MODEL: MA4-5 UNIT NAME: carburetor
☐ REPAIRED ☒ OVERHAULED ☒ TESTED ☐ CALIBRATED
THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR THE RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 12795
INSPECTOR: [signature] DATE: 7-7-06
CENTRAL CYLINDER SERVICE INC, CERTIFIED REPAIR STATION, OMAHA, NEBRASKA

Carb

SERVICEABLE MAINTENANCE RELEASE

MAKE: Lycoming S/N: L-15383-36A
MODEL: O 360 A4A UNIT NAME: engine lower end
☐ REPAIRED ☒ OVERHAULED ☐ TESTED ☐ CALIBRATED
THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR THE RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 12794
INSPECTOR: [signature] DATE: 7-7-06
CENTRAL CYLINDER SERVICE INC, CERTIFIED REPAIR STATION, OMAHA, NEBRASKA

Eng

SERVICEABLE

MANUFACTURE: SLICK MODEL: NA
PART NO.: M-2364 SERIAL NO.: NA
| YES | OVERHAULED | NO | REPAIRED | YES | TESTED | YES | INSPECTED |

A.D. NOTES:
NONE APPLY..

SERVICE BULLETINS:
NONE APPLY..

OWNER: LITE PLAINS INC.

Form: Yellow Serviceable Tag 03/03

Mag

MAINTENANCE RELEASE

MAS

The Accessory identified below was repaired and inspected in accordance with current FAA regulations and was found airworthy and is approved for return to service.
Pertinent details of the repairs are on file at this agency under:

WORK ORDER NO.: 10738
PART NO.: M-2364 SERIAL NO.: NA
REMARKS: REWIRE SLICK HARNESS COMPLY WITH SERVICE BULLETINS. AIRWORTHYNESS DIRECTIVES, REPAIR AS NEEDED..
INSPECTOR: [signature] DATE: Jul. 17, 06
FOR: ARN-AIR
FAA CERTIFIED REPAIR STATION NO. QKKR724L
BAYARD, IOWA 50029. 712-651-2255
DRUG TEST #: E-GL-00065-U

Form: Yellow Maintenance Release Tag 03/03

SERVICEABLE

MANUFACTURE: TCM (BENDIX) MODEL: S4LN-21
PART NO.: 10-51360-37 SERIAL NO.: 85480146
| YES | OVERHAULED | NO | REPAIRED | YES | TESTED | YES | INSPECTED |

A.D. NOTES:
74-25-09 39-2050 IMPULSE BUSHING, 82-20-01 39-4558 IMPULSE INSPECTION, 94-01-03 39-9271 CORRECT ROTOR AND COIL.
94-05-09 39-8895 CORRECT CONDENSER.

SERVICE BULLETINS:
TCM S/B 643, 644, 658.

OWNER: LITE PLAINS INC.

Form: Yellow Serviceable Tag 03/03

Mag

MAINTENANCE RELEASE

The Accessory identified below was repaired and inspected in accordance with current FAA regulations and was found airworthy and is approved for return to service.
Pertinent details of the repairs are on file at this agency under:

WORK ORDER NO.: 3205
PART NO.: 10-51360-37 SERIAL NO.: 85480145
REMARKS: NEW DISTRIBUTOR BLOCK.
INSPECTOR: [signature] DATE: Jul. 17, 06
FOR: ARN-AIR
FAA CERTIFIED REPAIR STATION NO. QKKR724L
BAYARD, IOWA 50029. 712-651-2255
DRUG TEST #: E-GL-00065-U

Form: Yellow Maintenance Release Tag 03/03

SERVICEABLE

MANUFACTURE: TCM BENDIX MODEL: S4LN-20
PART NO.: 10-51360-29 SERIAL NO.: 584459
| YES | OVERHAULED | NO | REPAIRED | YES | TESTED | YES | INSPECTED |

A.D. NOTES:
94-01-03 39-9271 CORRECT ROTOR & COIL INSTALLED.
94-05-09 39-8895 CORRECT CONDENSER DATE CODE.

SERVICE BULLETINS:
TCM S/B'S CW 641,644,658.

OWNER: LITE PLAINS INC.

Form: Yellow Serviceable Tag 03/03

Mag

MAINTENANCE RELEASE

The Accessory identified below was repaired and inspected in accordance with current FAA regulations and was found airworthy and is approved for return to service.
Pertinent details of the repairs are on file at this agency under:

WORK ORDER NO.: 3204
PART NO.: 10-51360-29 SERIAL NO.: 584459
REMARKS: NEW COIL AND DISTRIBUTOR BLOCK.
INSPECTOR: [signature] DATE: Jul. 17, 06
FOR: ARN-AIR
FAA CERTIFIED REPAIR STATION NO. QKKR724L
BAYARD, IOWA 50029. 712-651-2255
DRUG TEST #: E-GL-00065-U

Form: Yellow Maintenance Release Tag 03/03

YEAR / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
9/02/06	5422	Removed	Engine	For Overhaul LL Dunges A&P 2658469

Central Cylinder Service, Inc.

Aircraft Engine Rebuilders • Certified Repair Station [illegible]

MAGNAFLUX / ZYGLO INSPECTION REPORT

CUSTOMER: [illegible]

ENGINE MAKE: LYCOMING MODEL: O-360-A4A SN: L-15383-36A

INSPECTOR: [illegible] DATE COMPLETED: [illegible]

COMPONENT	METHOD	MAG	ZYGLO	CRITICAL AREAS	PASS	FAIL
ACCESSORY GEARS	CIRCULAR			TEETH/KEYWAY		
ALTERNATOR GEAR	CIRCULAR			TEETH/SPLINES		
CAMSHAFT	CIR/COIL	/		ALL AREAS	/	
CAMSHAFT BOLT	COIL			THREADS/NECK AREAS		
CAMSHAFT GEAR	CIRCULAR			TEETH/SPLINES		
CASE THRU BOLTS	COIL			THREADS/NECK AREA		
CASE TIE BOLTS	COIL			THREADS/NECK AREA		
CONNECTING ROD	CIR/COIL	/		ALL AREAS/VEE	/	
CONNECTING ROD BOLT	COIL			THREADS/HEAD RADII		
COUNTERWEIGHTS	COIL		/	CUT OUT RADII	/	
CRANKCASE	DYE	/		ALL AREAS		
CRANKSHAFT	CIR/COIL			ALL AREAS		
CRANKSHAFT BOLT	COIL			THREAD BASE/HEAD		
CRANKSHAFT GEAR	CIRCULAR	/		TEETH/SPLINES		
DRIVESHAFT	CIRCULAR			ALL AREAS		
DRIVESHAFT SLEEVE	CIRCULAR			ALL AREAS		
GENERATOR GEAR	CIRCULAR			TEETH/KEYWAY		
GOVERNOR GEAR	CIRCULAR			TEETH/SPLINES		
IDLER GEAR	CIRCULAR	/		TEETH/KEY	/	
IDLER SHAFT	CIRCULAR	/		ALL AREAS	/	
MAG DRIVE GEAR	COIL	/		TEETH/SLOTTED END		
OIL PUMP DRIVE	CIRCULAR	/		ALL AREAS		
OIL PUMP GEARS	CIR/COIL	/		TEETH/SPLINES		
SCAVANGE PUMP GEAR	CIR/COIL	/		TEETH/SPLINES		

Eng

[illegible] Lindbergh Drive • Omaha, NE 68110 • (402) 451-6468 • Fax (402) 451-3202

Central Cylinder Service, Inc.

Aircraft Engine Rebuilders • Certified Repair Station [illegible]

MAGNAFLUX / ZYGLO INSPECTION REPORT

CUSTOMER: [illegible]

ENGINE MAKE: [illegible] MODEL: [illegible] SN: [illegible]

INSPECTOR: [illegible] DATE COMPLETED: [illegible]

COMPONENT	METHOD	MAG	ZYGLO	CRITICAL AREAS	PASS	FAIL
PISTON PINS	COIL			SHEAR PLANE/ENDS		
PLANETARY CAGE	CIRCULAR			CUT OUT RADII/PIN HOLES		
PLANETARY GEAR	CIRCULAR			TEETH/BEARING SURFACE		
PROP DRIVESHAFT	CIR/COIL			JOURNAL/FLANGE/TEETH		
PUSH ROD	COIL			ROCKER FACE/SOCKET		
ROCKER ARM	CIRCULAR	/		ROCKER FACE/SOCKET		
ROCKER ARM SHAFT	COIL			ALL AREAS		
STATIONARY GEAR	CIRCULAR			CUT OUT RADII/PIN HOLES		
TAPPET BODY	COIL			BASE RADII/OIL HOLES		
VALVES	COIL			VALVE HEAD/KEY GROOVE		
FUEL PUMP DRIVE	CIRCULAR	/		ALL AREAS		
TACH DRIVE GEAR	CIRCULAR			TEETH/KEY WAY		
TACH DRIVE SHAFT	CIRCULAR	/		ALL AREAS		
VACUUM PUMP DRIVE	CIRCULAR	/		TEETH/SPLINES		

REMARKS:

Eng

APPROVED: G.C. CZARNECKI - GENERAL MANAGER

ACCEPTED: I.IRCOLB FLIGHT STANDARDS OFFICE CRS

[illegible] Lindbergh Drive • Omaha, NE 68110 • (402) 451-6468 • Fax (402) 451-[illegible]

YEAR / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

										8 ea	76617	bumper	
										4 ea	LW13923	bumper	
										8 ea	AEL13521	rod bearing	
										2 ea	AEL13984	bearing	
										4 ea	16019394	bearing	
										8 ea	76644	rod bolt	
										8 ea	AEL12156	rod nut	
										1 ea	AEL STD2213	bolt	
										1 ea	AEL76121	tach shaft	
										1 ea	AEL72970	vac. drive	
										1 ea	53522144	temp valve	
										1 ea	AEL68759	tube	
										1 ea	AEL68760	tube	
										2 ea	AEL68761	tube	
										1 ea	AEL10284	ball	
										4 ea	AEL STD1821	hose	
										1 ea	AEL61084	spring	
										1 ea	AEL78529	body	
										8 ea	78290	plunger	
										8 ea	AEL11495	housing	
										1 ea	AEL323360	gasket set	

YEAR 2004 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
07/19/04	Tach + ETT 5399.1 SMOH 1919.2			
				Inspected engine IAW Piper's 100 Hour Inspection Report + FAR 43 Appx D. Drained engine oil + serviced with 8 qts Aeroshell 15/50. Replaced oil filter with Champion P/N CH48110-1, cut old filter open for condition inspection. Cleaned oil suction screen. Timed magnetos To 25° BTDC. Compressions 1) 72/80 2) 69/80 3) 74/80 4) 76/80. Inspected intake + exhaust systems. Lubed engine controls as needed. Cleaned, gapped + tested all spark plugs. Inspected all engine hoses + fuel + oil for leaks + condition. AD 04-10-14 C1 Crankshaft Gear + Gear retaining Bolt due at prop strike/sudden stoppage. AD 96-12-07 magneto impulse coupling inspection due at Tach 5589.18
				A/C REG. # N8575F DATE 07/19/04 TOTAL ~~A/C~~ Engine TIME 5399.1 HRS. TACH TIME 5399.1 Engine SMOH 1919.2 I CERTIFY THAT THIS ~~A/C~~ HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL/100 HR INSPECTION AS PER FAR 43 Appx D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNATURE A#482824629IA CERTIFICATE NO./TYPE

YEAR 2005 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
9/26/05	Tach + ETT 5422.1 SMOH 1942.2			
				Inspected engine IAW Pipers 100 Hour inspection form + FAR 43 Appx. D. Drained engine oil and serviced with 8 qts Aeroshell 15/50 oil. Changed oil filter with Champion P/N CH48110-1, cut old filter open for condition inspection. Cleaned oil suction screen as needed. Compression Test read 1) 72/80 2) 76/80 3) 73/80 4) 76/80 Timed magnetos as needed 25° BTDC. Inspected intake + exhaust systems for leaks + condition. Lubed + inspected engine controls. Inspected mounts + hardware. Cleaned, gapped, + tested all spark plugs. Inspected all fuel + oil hoses for condition + leaks. AD 96-12-07 Impulse coupling inspection due at Tach 5579.18. AD 05-A-11 300 HP + Lower Crankshafts D/N/A By O.H. Date.
				A/C REG. # N8575F DATE 9-26-05 TOTAL ~~A/C~~ Engine TIME 5422.1 HRS. TACH TIME 5422.1 Engine SMOH 1942.2 I CERTIFY THAT THIS ~~A/C~~ HAS BEEN INSPECTED IN ~~ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL/100 HR~~ INSPECTION AS PER FAR 43 Appx D AND WAS ~~DETERMINED TO BE IN AN AIRWORTHY CONDITION.~~ SIGNATURE A#482824629IA CERTIFICATE NO./TYPE

YEAR 02 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
				5/5/02 Tach **5322.5**. Total time in service **5322.5**. Time since major overhaul **1842.6**. Washed engine with mineral spirits. Conducted compression test: #1 – 76, #2 – 76, #3 – 72, #4 – 78, all over 80 psi. Cleaned, gapped, and rotated spark plugs. Cleaned cigarettes. Replaced grounding spring in left mag and verified magneto timing to engine @ 25 degrees BTDC. Installed Prestolite Starter s/n A204052 overhauled by Aerotech repair station PU4R453M. Inspected engine in accordance with Lycoming Service Manual. Roy M. Johnsen Roy M. Johnsen, A&P 21629
				5/5/02 Tach **5322.5**. Total time in service **5322.5**. Time since major overhaul **1842.6**. I certify that I have inspected this engine in accordance with a **100 hour** inspection and have determined it to be airworthy. Roy M. Johnsen Roy M. Johnsen, IA 2162962
7/15/02	5338.40		5338.40	DRAINED OIL, A&R OIL FILTER ADDED 8 QT AEROSHELL 15W50 ENG. OIL Harry Schubert ATP 2059829

YEAR 02 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
12-18	[illegible]			DRAINED OIL, A&R OIL FILTER
	5368.67		5368.67	ADDED 8 QTS AEROSHELL 15W50 ENG. OIL
				STATIC RAN ENGINE, NO LEAKS
				OBSERVED
				Harry Schubert ATP 2059829

Date	Tach	Hobbs	Engine Total Time	Engine SMOH
07/01/2003	5373.90	468.60	5373.90	1894.00

N8575F Lycoming O-360-A4A S/N L-15383-36A

Drained oil, serviced oil with 8 qts. Aeroshell 15W/50. Removed oil filter, cut filter apart, cked for metal, none noted. Replaced filter with P/N CH48110. Compression check, #1) 76/80; #2) 76/80; #3) 74/80; #4) 76/80. Checked mag timing, reset L/H mag to 25 degrees. Cleaned and gapped all spark plugs. Replaced oil sump quick drain, P/N CCB 37000. Oil cooler hoses AD 95-26-13 due at engine overhaul. Ran engine cked for leaks, none noted. Lubed all engine controls. I certify that this engine has been inspected I/A/W an annual inspection and has been determined to be in an airworthy condition this date 07/01/2003.

Richard L. White A&P 486746927 I.A.

YEAR 01 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
				3/18/01 Tach **5205.8**. Total time in service **5205.8**. Time since major overhaul **1725.9**. Washed engine with mineral spirits. Conducted compression test: #1 – 76, #2 – 78, #3 – 78, #4 – 78, all over 80 psi. Cleaned, gapped, and rotated spark plugs. Cleaned cigarettes. Verified magneto timing to engine @ 25 degrees BTDC. Inspected engine in accordance with Lycoming Service Manual. Roy M. Johnsen Roy M. Johnsen, A&P 21629
				3/18/01 Tach **5205.8**. Total time in service **5205.8**. Time since major overhaul **1725.9**. I certify that I have inspected this engine in accordance with a **100 hour** inspection and have determined it to be airworthy. Roy M. Johnsen Roy M. Johnsen, IA 2162962

YEAR 01 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
05-29	5236.16		5236.16	DRAINED OIL, R&R OIL FILTER, ADDED 8 QT AEROSHELL 15-W50 ENGINE OIL Harry Kulstad ATP 2059829
10-22-01	5288.75		5288.75	DRAINED OIL, R&R OIL FILTER, ADDED 8 QT. AEROSHELL 15-W50 ENGINE OIL Harry Kulstad ATP 2059829

Engine Record General Information

N8575F

Manufacturer Lycoming **Model** O-360-A4A

Serial L-15383-36A **Type Certificate**

This engine is currently installed in aircraft: Pa 28-181 N8575F

Minimum Octane Fuel **Oil Grade** Summer Winter

Magneto Time **Point Setting** **Firing Order**

Spark Plug Gap

Manufacturer's Recommended Overhaul at 2,000 **hours**

N 8575F

#1

ENGINE LOG

Tack 11-23-83 = 2502.00

" 4-3-81 = 1925.00 EMOH

Since Major → 579.00

5-8

Log #1

629
359
030

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
29 JUN 00	Brought Forward →		5137.04	DRAINED OIL - REMOVED OIL FILTER, REPAIRED & SERVICED WITH 8QT ISW50	[illegible]	ATP 2059829
17 OCT 00			5189.64	DRAINED OIL - REMOVED OIL FILTER, REPAIRED & SERVICED WITH 8QT AEROSHELL ISW50	[illegible]	ATP 2059829
11/18/00			5192.0	Installed starter	Roy M. Johnsen	A&P 2162960
1/6/00				Installed helicoil in #4 cylinder at intake manifold attach face plate 4/20	Roy M. Johnsen	A&P 2162960
Total To Carry Forward						

CONT →

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
2/7/00	Brought Forward →		5040.1	A 100 HOUR INSPECTION		
				AIRWORTHY CONDITION.		
				Joseph F. Tomczuk		

N8575F
March 16, 2000 Tach: 5079.18 Hours Hobbs 129.5 Hours

Removed magnetos and replaced with new .LH P/N 10-51360-37, S/N 9110699.
RH P/N 10-51360-29, S/N 9112004. Timed both magnetos in accordance with manufacturer's specifications. See FAA Form 8130-3 in back of log.

R. Bueno A&P (pending) #2614287
Raul Bueno

Total To Carry Forward			

AND WAS DETERMINED TO BE IN		
END		
A&P 500588930.		

N8575F 3/29/00 Tach: 5089.37 Hobbs: 143.6

Drained oil, removed oil filter, serviced engine with 8 qts 15W-50 oil and CH48013 oil filter.

R. B. A&P (pending) #2614287
Raul Bueno

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
11/16/99	Brought Forward →		4988.8	CHANGED OIL AND FILTER —		
				15W50 AND CH48110 FILTER. —		
				Joseph F. Tomczak A&P 500		
2/7/00			5040.1	COMPLETED 100 HOUR		
				FAR 43 APPENDIX (d.) AND		
				ONLY. CHANGED OIL AND FILTER —		
				AND CH48110 FILTER. CHECKED		
				ALL SPARK PLUGS. COMPRESSION		
Total To Carry Forward				I CERTIFY THAT THIS ENGINE		

SERVICED WITH 8 QUARTS OF AEROSHELL
GROUND RUN, LEAK CHECKED OK.
588930.

INSPECTION THIS DATE IN ACCORDANCE WITH
PIPER INSPECTION REPORT USED AS A GUIDE
SERVICED WITH 8 QUARTS OF AEROSHELL 15W50
MAGNETO TIMING, CLEANED, CHECKED AND GAPPED
CHECKS: #1 - 76/80 #2 - 73/80, #3 - 72/80, #4 - 76/80.
HAS BEEN INSPECTED IN ACCORDANCE WITH

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
9/16/99	Brought Forward →		4939.7	COMPLETED 100 HOUR INSPECTION THIS DATE IN ACCORDANCE WITH FAR 43 APPENDIX (d.) AND PIPER INSPECTION REPORT USED AS A GUIDE ONLY. CHANGED OIL AND FILTER - SERVICED WITH 8 QUARTS OF AEROSHELL 15W50 AND CH48110 FILTER, CHECKED MAGNETO TIMING. CLEANED, CHECKED AND GAPPED ALL SPARK PLUGS. COMPRESSION CHECK: 1-74/80, #2-76/80, #3-70/80, #4-73/80. REPLACED ALL CYLINDER BASE SEALS, PUSH ROD TUBE SEALS, INTAKE AND EXHAUST GASKETS DUE TO OIL LEAKS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Joseph F. Tomczak A&P 500588930		
Total To Carry Forward						

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
6/28/99	Brought Forward →		4840.82	COMPLETED 100 HOUR INSPECTION THIS DATE IN ACCORDANCE WITH FAR 43.13 APPENDIX (d) AND PIPER INSPECTION REPORT USED AS A GUIDE ONLY. CHANGED OIL AND FILTER, SERVICED WITH 8 QTS. OF AEROSHELL 15W50 AND CH48110 FILTER. CHECKED MAGNETO TIMING. CLEANED, CHECKED, AND GAPPED ALL SPARK PLUGS. COMPRESSION CHECK #1-71/80, #2-77/80, #3-76/80, #4-75/80. ALL AD'S COMPLIED WITH TO THIS DATE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE AIRWORTHY.		
				Joseph F. Tomczuk		
				A&P 500588930		
Total To Carry Forward						

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
5/19/99	Brought Forward →		4790.1	CHANGED OIL AND FILTER,
				SERVICED WITH 8 QUARTS OF
				AEROSHELL 15W50 AND CH48110
				FILTER. GROUND RUN - NO
				LEAKS FOUND.
				Joseph T. Tomczuk A&P500588930.
Total To Carry Forward				

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
8-3-98	Brought Forward →	tach: 46607		Changed oil and oil filter. Serviced with Aeroshell 15W-50. Run and leak checked engine. Insp. filter for contaminants. Oil sample sent for analysis. Eried Egenberg 247735874 IA		
9-23-98		tach: 46909		Changed oil and oil filter. Serviced with Aeroshell 15W-50. Insp. filter for contaminants. Send sample for analysis. E. Egenberg 247735874 IA		
Total To Carry Forward						

3/20/99	COMPLETED 100 HOUR INSPECTION THIS DATE IN ACCORDANCE WITH FAR 43.13 APPENDIX (d) AND PIPER INSPECTION REPORT USED AS A GUIDE ONLY. COMPRESSION CHECK: #1 - 74/80 #2 - 76/80 #3 - 75/80 #4 - 77/80. CHECKED MAGNETO TIMING. CHANGED OIL & FILTER. SERVICED WITH AEROSHELL 15W50. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE AIRWORTHY. Joseph F. Tomczyk	A&P 500588930	

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
	Brought Forward					
Oct 7, 19[illegible]			Tach time 4563.5 hrs.			
① Changed oil + oil filter						
② Eng serviced with Aero-shell 15W-50 oil filter CH48110						
③ Eng run-up + leak checked.						
Joseph Brockett						
ATP1446134						
DEC 19, 1997 Tach time 4593.3 hrs.						
① Changed oil + oil filter, Eng serviced with Aero-shell 15W50.						
② Eng cleaned, gel run-up + leak checked.						
Total To Carry Forward						
Joseph Brockett						
ATP1446134						

and Remarks	Signature	Certificate No.
4.20.98 Tach time 4624.4	I CERTIFY THAT THIS ~~AIRCRAFT~~ ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SMOH 1149.4 TACH. TIME 4624.4 HRS. TOTAL TIME 4931.4 HRS. WORK ORDER NO. — DATE 4-20.98 AUTHORIZED SIGNATURE Richard Boyerbey #P247358874 IA	
Compression #1: 76/80 #2: 77/80 #3: 76/80 #4: 77/80		
Replaced oil seal in Right magneto		
Sealed leaky through bolts.		
Changed oil and oil filter. Insp. filter for contaminants. Cleaned/gapped all spark plugs. Checked mag. timing. Repaired cracked muffler (left side of rear) Repaired airbox by oversize rivets. Changed o-ring in oil drain valve. Removed oil cooler "winter plate". Lubricated sticking starter bendix. Insp. engine IAW FAR 43 app. D.	Richard Boyerbey #P247358874 IA	

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
	Brought Forward →	Tach time 4503.0 hrs. Eng T.T. 4810.0 hrs. SMOH 1019.4 hr				
① Compression test #1 - 72/80 #2 - 72/80 #3 - 74/80 #4 - 77/80						
② Changed oil + oil filter, filter inspected for contamination (ok)						
③ Retimed L.H. mag. R.H. mag checked for timing.						
④ Spark plugs, cleaned, regapped + tested.						
⑤ Replaced oil cooler hoses P/N 124F2001-5C0210 - TYPE "D" / 124F2001-R0300 TYPE "D" } TSO-C53a						
⑥ Removed center oil cooler baffle.				I CERTIFY THAT THIS [redacted] ENGINE HAS BEEN		
⑦ Replaced broken starter and plate bolts				INSPECTED IN ACCORDANCE WITH A N. ANNUAL		
⑧ Fabricated baffle patch for #3 cyl.				INSPECTION AND WAS DETERMINED TO BE IN		
⑨ Eng inspected as per Sperry inspection				AIRWORTHY CONDITION. SMOH: 1019.4 hr		
Total Carry Forward	[redacted]			TACH. TIME 4503.0 HRS. TOTAL TIME 4810.0 HRS.		
				WORK ORDER NO. XXXXX DATE 4-11-97		
				AUTHORIZED SIGNATURE Gerard Epenberg		
				247735874 IA		
⑩ Eng run-ups leak checked						

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
4-17-97 Tach: 4505.3						
Removed carburetor P/N 10-4164-1 S/N K-28-6719 - Installed overhauled carburetor S/N K-10-4619. Engine test run and found satisfactory for return to service.						
					Gerard Epenberg	247735874 IA
7-11-97 Tach: 4535.7						
Changed oil and oil filter. Insp. filter for contaminants. Serviced with Aeroshell 15W50. Engine run and leak checked.						
					Gerard Epenberg	247735874 IA

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
	Brought Forward →					
				(11) Repaired cracked fuel pump heat shroud.		
				(13) C/w Lycoming owners advisory (OA-524) installed oil pump impeller kit # P/N 05K19423-S (steel/steel) (SB-524) @ all new gaskets installed on accessory case.		
				(13) Removed winter Eng baffle.		
				(7) Replaced #12 SCW at front baffle for intake to muffle shroud.		
				(15) Eng run-up + leak ck. Eivind Egeberg 247735874 I.A		
				7-29-96 Tach: 4439.5 Changed oil and oil filter, inspected filter, serviced with Aeroshell 15W50. Eng. test run/leak checked. Eivind Egeberg 247735874 I.A		
				10-1-96 Tach: 4465.0 Changed oil and oil filter. Inspected filter for contaminants. Serviced with Aeroshell 15W-50. Engine run and leak checked. Eivind Egeberg 247735874 I.A		
Total To Carry Forward						

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
12-28-95	Brought Forward →					
Tach 4384.2	Changed oil and oil filter. Insp. filter. Serviced					
	with Aeroshell	15W-50.		Everard Eperley IP 247735874		
		"96 ANNUAL"				
5-1-96	Tach time 4412.7 hr. Eng T.T. 4419.7 hr. SMOH. 928.8 Hr.					
	① Changed oil + oil filter (Eng serviced with 15W-50)					
	② Compression test #1 - 75/80 #2 - 73/80 #3 - 75/80 #4 - 77/80					
	③ Replaced #3 intake pipe P/N - 70485 (new gasket installed.					
	④ Replaced #1 Exhaust stack with new stack P/N - 31436/75583					
Total To Carry Forward	⑤ Replaced #2 Exhaust stack with new stack P/N - 35940/78577					

⑥ Replaced all Exhaust gaskets. P/N 77611.

⑦ C/W AD-78-09-07 R5 inspection of magneto impulse coupling (Replaced impulse coupling Cam with P/N - 10-400167-4. Installed mag. + returned to Eng.

⑧ C/W AD 95-26-13 I/A/W alternative methods of Compliance (AMOC) ACE-96-0

⑨ AMOC #1 paragraphs 1a through 1c C/W

⑩ oil cooler hoses installed are TSO-C53A-TYDEC.

⑪ no further action is required for AD 95-26-13

⑫ Spark plugs cleaned, regapped + tested.

⑬ Repaired broken bracket in induction [illegible]

I CERTIFY THAT THIS ~~AIRCRAFT~~ ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN ~~AIRWORTHY CONDITION~~.

TACH. TIME 4412.7 HRS. TOTAL TIME 4419.7 HRS. SMOH 928.8 Hr

WORK ORDER NO. XXXXXXX DATE 5-1-96

~~AUTHORIZED SIGNATURE~~ Everard Eperley IA 247735874

"95" ANNUAL

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
April 10, 1995	Brought Forward →	Tach time	4255 hrs. Eng TT. 4562.0 hr	SMOH 771.1 H		
① Changed oil + oil filter (Eng serviced with 15W-50 Gas Shell)						
② Compression test #1 - 75/80 #2 - 75/80 #3 - 75/80 #4 - 75/80						
③ Replaced 4 cyl push rod seals 2 Ea P/N 70310 seal 2 Ea P/N 60053						
④ Replaced crankshaft seal P/N LW-11997						
⑤ Mag timing checked				I CERTIFY THAT THIS ~~AIRCRAFT~~ - ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SMOH 771.1 H		
⑥ Spark plugs cleaned, gapped + tested				TACH. TIME 4255 HRS. TOTAL TIME 4562 HRS.		
⑦ Replaced oil drain valve w/ P/N CCA-1415				WORK ORDER NO. XXXXXX DATE 4-10-95		
⑧ Replaced Bendix Air filter P/N 80-3				AUTHORIZED SIGNATURE Joseph Beaubiet 1446134 IA		
⑨ Checked [illegible] warning & annunciator	Total To Carry Forward			O-A/W 4420-OA-0184 - INSPECTION OF THERMOSTATIC By-PASS VALVE (OK)		
⑩ Eng cleaned, run-up leak ck				Joseph Beaubiet 1446134 IA AD. 95-7-1 Connecting Rod Bolts N/A		

June 12, 95: Tach: 4288.9 changed oil and filter. Serviced with 8 qts Texoshell 15W50. Opened and inspected filter. Leak checked. Gerard Boerbergen A&P 247735874

July 25, 1995. Tach time 4318.4 hrs.
① changed oil + oil filter (filter inspected for contamination. (ok). Eng serviced with 15W-50 and shell
② Eng cleaned, run-up. leak checked.
Joseph Beaubiet
A+P 1446134

Oct. 5, 1995 Tach: 4351.3 changed oil and filter. Insp. filter for contamination. Filled with 8 qts Texoshell 15W50. Run and leak checked.
Gerard Boerbergen A&P 247735874

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
Capital 5,	Brought Forward →	Tach 4141.7 hr.	T.T. 4448.7 hr	SMOH 657.8		
① Compression test #1 - 73/80		#2 - 76/80	#3 - 73/80	#4 - 78/80		
② Changed oil + oil filter (oil filter inspected for contamination)						
③ Replaced all cylinder drain hoses.						
④ Replaced all rocker cover gaskets						
⑤ Replaced all Eng baffle seals						
⑥ Spark plugs cleaned, inspected + tested						
⑦ Repaired cowl latch stand.						
⑧ Ck AD-94-01-03 inspected Mag coil + Magnetos (ok.)						
⑨ Total To Carry Forward						

I CERTIFY THAT THIS AIRCRAFT - ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SMOH 657.8

TACH. TIME 4141.7 HRS. TOTAL TIME 4448.7 HRS.

WORK ORDER NO. XXXXX DATE 4-8-94

AUTHORIZED SIGNATURE Joseph Bischoff 1446134 DA

AD's listed in rear of the log + front of Eng log.

Joseph Bischoff

July 6, 1994 Tach time 4128 hr

① changed oil + oil filter, oil filter inspected for contamination. (ok at this inspection)

② Replaced State Dentist drive shaft + housing & O-rings

③ Eng cleaned, and run up leak ck.

Joseph Bischoff

ATP 1446134

Nov 3. 1994 Tach 4206.8

- Changed oil and oil filter. (inspected oil filter.
- Repaired minor oil leak (#1 cyl return line)
- cleaned and run up engine.

B. A. Roebers ATP 147735874

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
	Brought Forward →					
April 9, 1993	Tach time 4031.9		552 SMOH	E.T.T. 4338.9		
① Visually inspect engine I/A/W FAR. 43 Appendix D						
② Compression test #1 72/80 #2 72/80 #3 70/80 #4 74/80						
③ Changed oil + filter Serviced with 8 qts 15W-50W						
④ Cleaned + gapped + test spark plugs						
⑤ Mag time to engine checked						
⑥ Engine run-up leak ck.						
⑦ Ck AD 78-09-07 Inspect coupling Next due 4531.9						
⑧ See AD list a/c log						
⑨ AD check for compliance issue then 93-03						
Total To Carry Forward						

4_19_93 TIME-TACH 4031.9 TOTAL 4338.9 SMOH 552.0
I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A -- ANNUAL -- INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION..
SIGN Douglas Gremer CERT.# 2220760 I.A.

BRACKETT AIRCRAFT MAINTENANCE
SOUTHBRIDGE 508-764-7469 STERLING

Douglas Gremer 2220760 A+P

July 13, 1993 Tach Time 4070.7 hr.
① Changed oil + oil filter
② Eng cleaned, visually inspected for minor oil leak.
③ Eng run-up + leak ck.
Joseph Brackett
A+P 1446134

Oct 25, 1993 Tach time 4106.4 h.
① changed oil + oil filter.
② installed Tanis Eng heater model TAS-100-2 S/N 21683
③ Eng run-up + leak checked Joseph Brackett
A+P 1446134

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
7-14-92	Brought Forward →	Tach 3963 hrs		Eng T.T. 4269.8 hr.		
				Eng SMOH. 483.1 hr		
				① changed oil + oil filter (CH48110)		
				② Eng serviced with aero-shell 15W50		
				③ Eng cleaned, gd run-up + leak ck.		
				Joseph Brackett		
				A+P 1886134		
Total To Carry Forward						

and Remarks	Signature	Certificate No.
		SMOH 517.9 hr
Nov. 19, 1992 Tach time 3997.8 hrs Engine T.T. 4304.8 hrs		
Changed oil and filter. Inspect filter for		
contamination. Serviced with 8 qt. 15W-50W aeroshell		
Engine run up leak checked OK.		
Brackett Aircraft Maint.		
Douglas Greene	A+P 2220760	

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance	and Remarks	Signature	Certificate No.
	Brought Forward →						
Nov. 7, 1991	Tach Time 3901.7 hrs				Apr 21, 1992 Tach time 3924.0 hrs Eng T.T. 4230.8 hrs SMOH. 444.1 hrs		
	Changed oil + filter			Serviced with	① Compression Test #1 - 68/80 #2 - 70/80 #3 68/80 #4 - 74/80		
	7 qts 15W-50W Aeroshell.			Checked filter	② Changed oil + oil filter (Eng serviced with Aeroshell (15W-50)		
	for contamination			checked OK. Washed	③ Replaced induction air filter		
	Engine run-up and			leak checked OK	④ Replaced Vac pump gasket oil seal + mounting gaskets.		
				Brackett Aircraft	⑤ Installed new spark plug (BFM 39E)		
				Douglas Greiner	⑥ Mag timing OK. ign leads tested.	I CERTIFY THAT THIS ~~AIRCRAFT~~ - ENGINE HAS BEEN	
				A+P 3220760	⑦ Eng inspected as per pepi inspection form P/N 230-207.	INSPECTED IN ACCORDANCE WITH AN ~~ANNUAL~~ INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SMOH 444.1 hrs	
					⑧ AD's checked.	TACH. TIME ~~3924.0~~ HRS. TOTAL TIME 4230.8 HRS	
					⑨ Eng run-up + leak checked.	WORK ORDER NO. ~~XXXX~~ DATE 3-21-92	
						AUTHORIZED SIGNATURE ~~Joseph Brackett~~	1446134 IA
Total To Carry Forward							

ENGINE LOG

Date 1991	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
Mar 22,	Brought Forward →	Tach time	3817.0 hr.	SMOH 337.1 Hr		
① Compression test #1 - 72/80 #2 - 74/80 #3 - 72/80 #4 - 74/80						
② Changed oil + oil filter. Eng serviced with 15W-50 ewshell						
③ Installed new induction air filter						
④ Replaced #1 intake push rod housing, #3 EXH. Push rod + #4 Intake Push rod Housing.				I CERTIFY THAT THIS ~~AIRCRAFT~~ ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
⑤ Tightened alternator belt.						
⑥ Eng inspected as per pepin inspection Guide P/N 230-207				SMOH 337.1 HR TACH. TIME 3817.0 HRS TOTAL TIME 4123.8 HRS. WORK ORDER NO. XXXXX DATE 3-22-91 AUTHORIZED SIGNATURE Joseph Brackett 1446134 DA		
⑦ Eng run up + leak ck.						
Total To Carry Forward		10's CR Chg issue 91-04 Joseph Brackett A+P 1446134				

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
July 3, 1991	Tach time	3854.4 hrs		Changed oil & filter. Serviced with 7qt 15W-50W Aeroshell oil. Checked filter for contamination OK. Engine run up leak checked OK	Brackett Aerospace Douglas Gremer A+P 2220760	

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
	Brought Forward →					
Oct. 9, 1990	Tach Time 3762.0					
	Changed oil + filter. Service with 8 qts of 15W-50W Aroshell oil Inspect CH48110 filter for contamination Engine run-up and leak check OK					
				Brackett Aircraft Maint		
				Douglas Gremier		
				A+P 2220760		
Total To Carry Forward						

Feb. 7, 1991	Tach Time 3799.4 hrs.					
	Changed oil + filter. Serviced with 7qts of 15W-50W Aroshell oil. Inspect CH48110 filter for contamination. Engine run-up and leak checked OK.					
				Brackett Aircraft Maint.		
				Douglas Gremier A+P 2220760		
Feb-12, 1991	Tach Time 3801 hr.					
	Replaced #2 EXHAUST push rod tube P/N LW 11485. Eng run-up + leak ck.					
				Joseph Brackett A+P 1446154		

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
	Brought Forward →					
april 6th 1990	Tach 3699.h.	SMOH. 219.9 hr				
① Compression #1 - 74/80	#2 - 73/80	#3 - 72/80	#4 - 74/80			
② Changed oil + inspected oil filter.						
③ Mag timing ok. spark plugs cleaned + tested						
④ New air filter installed.						
⑤ fuel strainer inspected + cleaned						
⑥ All fittings in heavy log book						
Joseph Brackett						
A&P 1446134						
Total To Carry Forward						

I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SMOH - 219.9

TACH. TIME 3699.h HRS. TOTAL TIME 3366 HRS.

WORK ORDER NO. XXXX DATE 4-6-90

AUTHORIZED SIGNATURE Joseph Brackett 1446134 IA

July 23, 1990 Tach 3728 hrs	SMOH		
① changed oil + oil filter			
② oil filter inspected (found to be ok.)			
③ Eng run-up + leak ok.			
Joseph Brackett			

ENGINE LOG

Major	Recorder Reading	Maintenance	and Remarks	Signature	Certificate No.
lo time					

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
	Brought Forward →					
June 10, 1988	tach time 3514.91 hrs					
(1) Installed right Magneto Model # 10-51360-29 S/N 925442 overhauled by City Engines Inc —						
(2) Installed Left Magneto Model # 10-51360-37 S/N 920204 overhauled by City Engines Inc —						
(3) Serviable tags attached —						
(4) Run-Up and Leak check OK.						
John W Gearnes						
1558466 A&P						
Total To Carry Forward						

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
Mar 24, 1989 Tach Time 3599.5 hrs						
(1) Compression #1 - 74/80 #2 - 75/80 #3 - 77/80 #4 - 74/80						
(2) Changed oil and oil filter (Cessna 150 ea)						oil filter #P8110
(3) Replaced air filter (AD-84-26-02)						
(4) Dressed + painted prop.						
(5) Spark-plugs cleaned, regapped + tested.						
(6) Mag timing ck.						
(7) AD's listed in rear of A/c log						
(8) Eng run - rept leak ck.						
Joseph Bracheth						
A&P 1446134						

I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

TACH. TIME 3599.2 HRS. TOTAL TIME 119.6 HRS.

WORK ORDER NO. XXXXXX DATE 3-24-89

AUTHORIZED SIGNATURE Joseph Bracheth 1446134 A&P

ENGINE LOG

1988 Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
Feb 22, 1988	Brought Forward →		Tach time 3479.9 Hr.			
				① Installed Eng O-360-A-4A. S/N L15383-36A. after O/H by Aero-Tech Engineering.		
				② All fluid carrying lines replaced.		
				③ Installed new air induction filter		
				④ Cleaned + inspected fuel strainer.		
				⑤ Eng grad run-up + leaked ck.		
				⑥ C/W AD-74-26-09 Replaced magneto sintered iron drive shaft bushing + installed machined steel bushing		
				⑦ Installed new engine coupling AD83-20-01 C/W.		
Total To Carry Forward				⑧ New mag. stop pin installed		
				9) new mag oil seal installed.		
				10) All Eng seat replaced.		
				11) All; check thru issue 88-01.		
				12) Eng test flow as per Lyco. fuel in pressure.		
				13) Eng released back to service		
				Joseph Brackett A+P1446134		

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

TACH. TIME 3479.9 HRS. TOTAL TIME SFOH. "0" HRS.

WORK ORDER NO. XXXXXX DATE 2-22-88

AUTHORIZED SIGNATURE Joseph Brackett A+P1446134 IA

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance
7-1-87	Brought Forward →		Tach 3425	Annual - new [illegible] over gaskets, spark plug [illegible] compression OK [illegible]
				CERTIFICATE THIS ENGINE/AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. [illegible]
1-10-88	Tach time 3478.5 Hr.			
	Eng S/N L-15383-36A			Removed from
	A/C N8575F S/N-28-7790259			for O/H.
Total To Carry Forward				Joseph Brackett A&P 1446134

and Remarks	Signature	Certificate No.

AERO-TECH ENGINEERING
707 EAST FRANKLIN BLVD.
GASTONIA, NORTH CAROLINA 28054
1-800-421-5442 · 704-866-4703

THIS ENGINE SER. # L-15383-36A WAS

OVERHAULED THIS DATE 1-22-88 TIME _____

PER F.A.A. REGULATIONS AND MFG. SPEC. THIS ENGINE FOUND

TO BE AIRWORTHY FOR RETURN TO SERVICE

WARRANTED 250 HOURS CONDITIONALLY

A & P NAME Tony Stroupe NO. ~~245083766~~

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature
5-18-86	Brought Forward →		3327	Annual - Oil & Filter Compression 1^{74} 2^{73} 3^{75} removed exhaust flange repaired, new rocker box oil filler tube, new induction I certify that this engine an Annual inspection	changed, spark plugs cleaned & gapped 4^{74} two intake pipe welded @ flange #3 cyl after removing cyl exhaust system gaskets, magneto timing chkd, new gasket Air Filter, helicoil stud #3 cyl., intake gasket has been inspected in accordance with was determined to be in Airworthy Condition H. Ray Collins 11/6 11/9/86
Total To Carry Forward					

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
5-20-85	Brought Forward →		2939	Annual – Oil & Filter changed, spark plugs cleaned & rotated, Compression 1 78 2 70 3 73 4 77, Alternator rear support tightened, LH heat shroud secured, resealed exhaust gaskets		
				I CERTIFY THAT THIS ENGINE/AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. M. Ray Collins 11-6-88 IA		
Total To Carry Forward						

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
4-18-84	Brought Forward →			REPLACE STARTER + 8 qts OIL + FILTER	R. Monaghan	166-425278
5-8-84			2624	Annual - Oil & Filter replaced, Compression 1 76 2 74 3 70 4 71, plugs cleaned, tightened, oil leaks, checked, magneto timing & leads tightened, exhaust		
Total To Carry Forward						

I CERTIFY THAT THIS ENGINE/AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. H Ray Collins 166197224

and Remarks	Signature	Certificate No.
[illegible] MAINTENANCE		
[illegible] drained oil, cleaned screens, [illegible] cleaned spark plugs, [illegible] #1 72 #2 76 #3 76 #4 76 #5 [illegible] [illegible] Checked starter and [illegible] [illegible] mags [illegible] checked prop for leaks and [illegible] exhaust [illegible] and heater. Functionally checked engine.		
Performed work order # 1385		
Date December 20, 1983 Total Aircraft Time	2513.79	588 SMOH
[illegible] engine has been inspection in accordance [illegible] Piper PA 28-181 100 hr [illegible] as [illegible] to be in airworthy condition.		
Signature Glenn R Mueller A&P #	149586758	
Comply with Bendix impulse coupling by inspection and found OK.	78-09-07 left mag Comply with Bendix ignition switch AD 76-07-12 by inspection and found OK.	

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance	and Remarks	Signature	Certificate No.
10-23-82	Brought Forward →		2201.21	Replacement starter installed,	5-5-83 2225 TA(1) compck ENG good		
		Welded intake		manifold, & resurfaced & installed	DRESSED PROP, cleaned & gapped plugs		
		with new gasket, removed exhaust system, resurfaced			I CERTIFY that this ENG has		
		& reinstalled, tightened loose carb. screws & rolled			BEEN INSP IAW A ANNUAL INSP.		
		arm Per A.D., removed Vacuum pump & replaced seal			AND determined to be in airworthy		
		in drive, Compression 176 275 377 474			condition 7 May JA74822		
		I certify that this engine has been inspected IAW					
		an Annual Inspection & was determined to be in					
		Airworthy Condition H Ray Collins 16119 JA					
			Time on Engine 561.21				
Total To Carry Forward							

and Remarks	Signature	Certificate No.
Date 12-29-81 time in service 1750		
I certify that this aircraft and/or engine has		
been inspected in accordance with a 100 hour		
inspection and was determined to be in		
Airworthy Condition.		
Mechanic's Signature Nicholas Savino	A-P	
Certificate Number 1461256 26		

ENGINE LOG

Date	Engine Time: This Date	Engine Time: Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
4-03-81	Brought Forward →	0.0	TACH 1618.21	ENG INSTALLED IN A/C N8575F S/N 28-7790259. ENG WAS		
				RUN-UP & TEST FLOWN AS PER MANUFACTURERS RECOMMENDATIONS		
				NO LEAKS - OPERATION SATISFACTORY	Timothy C. Bolk	AP213680115
5-8-81	TACH 1640					
				CHANGED OIL - ADDED 8 Qts AEROSHELL MINERAL #50 wt.	Timothy C. Bolk	AP213680115
Total To Carry Forward						

ENGINE OVERHAUL

TYPE

Major . . ☒

Top . . . ☐

Engine Serial No. L-15383-36A

Date Completed 4-03-81

TIME

Since Last Major

Total ENGINE TIME: 1925

NEW PARTS

4EA LW11021; 2EA LW13884; 1EA STD847; 1EA 61156; 8EA LW12186; 8EA LW16048; 8EA 74644; 3EA 75089; 3EA 74230; 4EA LW14078; 8EA 60009; 8EA MS13997-3; 4EA 74541; 2EA 60398; 3EA 74637; 6EA 3601; 3EA 3602; 4EA LW13790; 8EA LW12892; 2EA 31-C12-P07; 8EA 63517; 8EA 60828; 1EA 74230-P05; 2EA 3601-P010; 1EA 3602-P010; 4EA 76448; 1EA 75439-1; 4EA STD347; 4EA 69603; 8EA 72877; 8EA 78290

REMARKS

I certify that this overhaul was accomplished in accordance with FAA Regulations and Directives using approved material and parts.

Signature Timothy C. Baker

Certificate No. AP213680115

Address RD2 Box 341 East Stroudsburg, Pa. 18301

COMPLIANCE WITH SERVICE BULLETINS ON ENGINE AND ENGINE ACCESSORIES

Service Bulletin No.	Item	Subject and Remarks (See Log for Details)	Time on Engine	Date of Compliance	Signature and Certificate No.
OA-518A	By pass valve	THERMOSTATIC BY-PASS VALVE INSPECTED	771.0 H 5 MOH	4-11-95	J. Beaubiet AP1446134
OA-524	Impeller Gears	INSTALLED LYCO KIT P/N 05K19423-S. (STEEL IMPELLER GEARS.	5 MOH 928.8H	4-29-96	

ENGINE DESCRIPTION

Manufacturer: LYCOMING

WILLIAMSPORT, PA.

Serial No. L-15383-36A

Horsepower: 180

Model: O-360-A4A

FAA T. C. No.

Engine Accessories	Serial No.	Weight