

Standard Engine Log

192 Aviation Supplies & Academics, Inc.

1-56027-051-9

SE-2

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ion Supplies & Academics, Inc.
132nd Place SE
on, WA 98059-3153

d in Canada



N R A S A - S E - 2



9 781560 270515

Engine Record General Information

Manufacturer Lycoming Model O360-A3A

Serial L-9616-36A Type Certificate _____

This engine is currently installed in aircraft: N180J

Minimum Octane Fuel _____ Oil Grade Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours

Prop Service 76EMB55-0-60
S/N 32582K.

CAUTION

"USE STRAIGHT WEIGHT MINERAL OIL"

SILICON CARBIDE IMPREGNATED CHROME CYLINDERS

MANDATORY FIRST OIL CHANGE AT 10 HOURS

SECOND OIL CHANGE MANDATORY AT 25 HOURS

ASHLESS DESPERSANT THEREAFTER.

G & N Recommended
oil after break-in
Any approved straight weight A
oil of a viscosity resp
operating outside air tem
i.e. Grade 65W through

RECORDING TACH TIME	TODAYS 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.)
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This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts limits. Engine disassembled, cleaned, inspected and reassembled in accordance with manufacturer's overhaul instructions. All steel parts magnafluxed. Engine test run in F.A.A. approved test cell. All applicable Airworthiness Directives and Manufacturer's Service Bulletins are in compliance as of date of overhaul. A description of these repairs is on file at this agency under:


The Accessories Listed Below Were Overhauled and Supplied With This Engine

ENGINE	<u>0-360-A3A</u>	SN	<u>L-9616-36A</u>	DATE	<u>06/24/99</u>
	P/N	S/N	P/N	S/N	
MAG.	<u>10-51360-29</u>	<u>914518</u>	<u>R</u>	PROPELLER	<u>NONE</u>
MAG.	<u>10-51360-37</u>	<u>A103911</u>	<u>L</u>	PROP.GOV.	<u>NONE</u>
ALT./GEN.	<u>NONE</u>			TACH.GEN.	<u>NONE</u>
INJ./CARB.	<u>10-4164-1</u>	<u>K-3-3814</u>		TURBO CHARGER	<u>NONE</u>
FUEL PUMP	<u>LW-15472</u>	<u>NEW</u>		WASTE GATE	<u>NONE</u>
STARTER	<u>PM1201</u>	<u>85008912</u>		CONTROLLER	<u>NONE</u>
VAC.PUMP	<u>NONE</u>			CONTROLLER	<u>NONE</u>
DIS. VALVE	<u>NONE</u>			REL. VALVE	<u>NONE</u>

G & N AIRCRAFT, INC.
 1701 East Main St., Griffith, IN 46319
 Telephone: (219) 924-7110

W.O. # 9955718
 Authorized Signature _____ C.R.S. #MW 2R020L

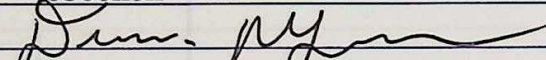
JOB NO. 9955718 DATED 06/24/99
 MFG. Lycoming MODEL 0-360-A3A
 Serial No. L-9616-36A Time in svc. 3676.09

 **G & N AIRCRAFT, INC.**
 1701 East Main St., Griffith, IN 46319
 Telephone: (219) 924-7110

Authorized Signature _____ C.R.S. #MW 2R020L

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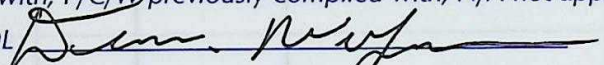
AIRWORTHINESS DIRECTIVE

ate of engine overhaul 06/24/99
 re model 0360A3A
 orized Signature 

AD & REV #	REV DATE	APPLIC. SB #	ONE TIME	RECURRING
97-15-11		527C	X	
98-02-08		505B 503	X	
98-19-98		X	X	
63-22-03		A4-63	X	
69-24-03		A1-69	X	
89-04-02		A1-88	X	
74-26-09		556B	X	
82-20-01		623	X	
4-01-03 R2	6-2895	MSB 644	X	

DATE	RECORDING TACH TIME	TODAYS 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.)
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COMPLIANCE RECORD

S/N L-9616-36A W/O 9955718
 C/W complied with, P/C/W, previously complied with, N/A not applicable.
 CRS MW2R020L 

NEXT COMPLIANCE HRS. & DATE	METHOD OF COMPLIANCE
	C/W by code number
	C/W PID
	N/A by S/N
	P/C/W
	N/A by lever style
	N/A by S/N
	P/C/W new type bushing
	G/W New Cam assembly
	P/C/W New type coil and rotor

RECORDING TACH TIME	TODAYS 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.)
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AIRWORTHINESS DIRECTIVE

ate of engine overhaul 06/24/99
 ne model 0360A3A
 orized Signature *[Signature]*

AD & REV #	REV DATE	APPLIC. SB #	ONE TIME	RECURRING
64-16-05		298	X	
66-20-04		307	X	
-23-01 R4	1-13-77	365F	X	
-08-09 R3	8-18-77	381B 385C	X	
10-06 R1	9-01-89	477A	X	
91-14-22		475A		X
92-12-05		501B	X	
95-07-01		95001	X	
96-09-10C		524	X	

DATE	RECORDING TACH TIME	TODAYS 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.)
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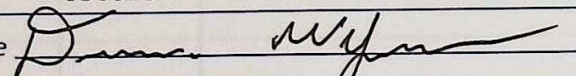
COMPLIANCE RECORD

S/N L-9616-36A W/O 9955718
 C/W complied with, P/C/W previously complied with, N/A not applicable.
 CRS MW2R020L *[Signature]*

NEXT COMPLIANCE HRS. & DATE	METHOD OF COMPLIANCE
	C/W effected part not installed
	C/W effected part not installed
	N/A by S/N
	N/A by S/N
overhaul prop strike sudden stoppage of gear train repair	N/A by S/N
	C/W by inspection
	P/C/W
	C/W effected part not installed
	C/W new style oil pump gear installed

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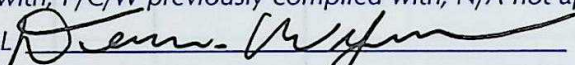
AIRWORTHINESS DIRECTIVE

At date of engine overhaul 06/24/99
 Engine model 0360A3A
 Authorized Signature 

AD & REV #	REV DATE	APPLIC. SB #	ONE TIME	RECURRING
94-06-09		CSB 641	X	
96-12-07		MSB645 SB639		X
END				

DATE	RECORDING TACH TIME	TODAYS 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.)
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COMPLIANCE RECORD

S/N L-9616-36A W/O 9955718
 C/W complied with, P/C/W previously complied with, N/A not applicable.
 CRS MW2R020L 

NEXT COMPLIANCE HRS. & DATE	METHOD OF COMPLIANCE
500 hrs	N/A by P/N C/W New Cam assembly
END	

2561 / 0092

RECORDING TACH TIME	TODAYS 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.)
474.0	TTENG-	3676.09	TSMOH=0' Reinstalled this engine in N9180J, Repair S/N 28-3248. Replaced all lead mounts. Clean Firewall, clean & paint engine mount. Primer nozzle. Replace Air Filter element. Replace RBC Asks with Red Silicones AS1673. Replace Main P/N 65199-005. Installed Sensenich prop 766MB55-0-60 S/N 32582K 1. Serviced with 8 qts Aeroshell 50 non det. Oil cooler flushed & checked at 64N Aircraft. 2. Pass replaced 4-15-98 TACH=320.5. QWAD 95-26-13 oil cooler hose, using 2 new hoses. 102 hrs on TACH=574.0. Run up + check operation. TEST Fly + adjust idle RPM. Check for oil consumption normal. END
			I CERTIFY THAT THIS Powerplant HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME. SIGNED <u>Gregory P. Brown</u> AIP 524806216IA ASSOCIATED AIR ACTIVITIES, INC. P.O. BOX 159, LANSING, IL 60438
485.1			CHANGED OIL + FILTER P/N CH48110. SERVICED WITH 8 QTS AEROSHELL 50 NON-DET. RUNUP + CHECKED FOR LEAKS. <u>Gregory P. Brown</u> AIP 333564527 - END -
514.3			CHANGED OIL + FILTER P/N CH48110. SERVICED WITH 8 QTS AEROSHELL 50 NON-DET. RUNUP + CHECKED FOR LEAKS. <u>Gregory P. Brown</u> AIP 333564527 - END -

DATE	RECORDING TACH TIME	TODAYS 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.)
11-2-99	TACH 545.0			Changed oil + filter P/N CH48110. Serviced with 8 qts Aeroshell 50 non det. Run up + check for leaks. <u>Gregory P. Brown</u> AIP 310822616 - END -
7-11-00	582.9			REPLACED ALTERNATOR WITH P/N 3656624 OVERHAULED BY S+R AIRCRAFT ACCESSORIES WO#1276. REPLACED ALTERNATOR BELT P/N 73965-015. CHANGED OIL + FILTER P/N CH48110. SERVICED WITH 8 QTS AEROSHELL 50WGT. COT OPEN + INSPECTED FILTER. CLEANED SUMP SCREEN. RUN UP + OPS CHECKED ELECTRICAL SYSTEM. CHECKED FOR LEAKS. <u>Gregory P. Brown</u> AIP 333564527 - END -
8-2-00	583.0	TTENG:	3785.09	TSMOH=109.0 Performed Annual Insp. Comp. #1 74/80, #2 75/80, #3 78/80, #4 77/80. Clean fuel screen, primer nozzle. Check Mag timing + harness. Clean + Gap Spark Plug. Replace Air Filter Element Torque RBC screws + intake hose clamps. Clean EGT Probe. QWAD 95-26-13 Oil Cooler hoses, pass (a) Usual Insp. check again 102 hrs on TACH=683.0. Run up + ops check - END -
				I CERTIFY THAT THIS Powerplant HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME. SIGNED <u>Gregory P. Brown</u> AIP 524806216IA ASSOCIATED AIR ACTIVITIES, INC. P.O. BOX 159, LANSING, IL 60438

DATE	RECORDING TACH TIME	TODAYS 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.)
10-4-01	1191.7			Performed an annual/100 hr on engine.
1191.7	1191.7			1) c/w oil change. Cut open old filter. No disc. noted.
				2) cleaned and gapped spark plugs
				3) changed air filter
				4) cleaned fuel strainer
				5) inspected muffler for cracks. No disc. noted
				6) #1-74/80, #2-77/80, #3-77/80, #4-79/80
				7) Adjusted mag timing
				8) wash eng down
				9) lubed all engine controls
				10) test run and leak check good.
				I certify this engine has been inspected I/A/w Annual/100hr and is returned to service. <i>Michael</i>
				14P3057235337A

DATE	RECORDING TACH TIME	TODAYS 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.)
6-13-02	627.0			CHANGED & FILTER P/N CH48110
				SERVICED WITH 8 QT. ABROSHELL 50WT. OK
				RUN UP CHECKED FOR LEAKS. OWNER
				OWNER <i>Timur Fanner</i> - CF1-1763825
10-6-02				REMOVED & REPLACED LNDG LIGHT
				PURCHASED FROM ASSOC. FIA ACTIVITIES
				CHK, WORKS FINE. ALSO REPLACED REAR NAV LIGHT.
				OWNER <i>Timur Fanner</i> - CF1A-1763825

DATE
19
RECORDING
TACH
TIME
TODAYS
FLIGHT
TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of
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Air International Inc.
 4101 Murvihill Rd. Valparaiso, In. 46383

Date: 12-07-02 Tail #: N9180J S/N: 3248 Hobbs: 1245.4 ACTT: 3859.9 TACH: 650.8

ENG. TSOH 176.8

1. ANNUAL 100 HR. INSPECTION COMPLETED.
2. OIL CHANGE C/W
3. CLEANED AND GAPPED SPARK PLUGS.
4. #1-74/80, #2-76/80, #3-75/80, #4-76/80.
5. CHECK IGNITION HARNESS.
6. CHECKED ENGINE TIMING.
7. CHECKED EXHAUST SYSTEM.
8. REPLACED AIR CLEANER ELEMENT.
9. LUBRICATED ALL ENGINE CONTROLS.

Michael S. Lawson
 MICHAEL S. LAWSON
 AP305723533IA

DATE
19
RECORDING
TACH
TIME
TODAYS
FLIGHT
TOTAL
TIME IN
SERVICE
Description of Inspections, Tests, Repairs and Alterations
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 Technician or Repair Facility. (See back pages for other specific entries.)

4/07/03 665.4
 CHANGE OIL & FILTER P/N CH48110
 SERVICED W/ 8QT. REDSHELL 50WT
 RUNUP CHECKED FOR LEAKS OK.
 OWNER *Turner Farmer*
 CFIA 1763825

8/23/03 670.1
 CHANGED OIL & FILTER P/N CH48110
 SERV. W/ 8QT. REDSHELL 50WT.
 RUN-UP CHECKED FOR LEAKS OK.
 OWNER *Turner Farmer*
 CFIA 1763825

DATE	RECORDING TACH TIME	TODAYS 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.)
19__				

Engine Maintenance Entry

Date: 07/01/03 TSOH:200.9 Tach: 674.9

1. COMPLIED WITH A 100 HOUR/ ANNUAL INSEPCTION.
2. CLEANED AND GAPPED SPARK PLUGS.
3. CLEANED FUEL SCREENS.
4. COMPLIED WITH OIL CHANGE. DRAINED OIL REMOVED FILTER AND CUT OPEN FOR VISUAL INSPECTION. NO DEFECTS NOTED IN FILTER ELEMENT. CLEANED SUCTION SCREEN. INSTALLED NEW FILTER PART ES 48110. SERVICED WITH 7 QUARTS AERO SHELL 100W OIL.
5. #1- 73/80, #2-75/80, #3-77/80,#4-76/80.
6. CLEANED AND GAPPED SPARK PLUGS.
7. CLEANED FUEL PRIMER NOZZLES.
8. ADJUSTED MAGNETO TIMING.

MICHAEL S. LAWSON Page 1 of 2
 Signature *[Signature]* Cert. #: AP305723533IA
 Air Tech Maintenance LLC. 1793 N 200 E Knox In. 46534 Phone#: 574-772-5002

DATE	RECORDING TACH TIME	TODAYS 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.)
19__				

Engine Maintenance Entry

Date: 07/01/03 TSOH:200.9 Tach: 674.9

9. REPLACED AIR INDUCTION FILTER PART NO BA-3. **DUE AGAIN 07/31/05 OR 874.9 TACH TIME.**
10. INSPECTED EXHAUST SYSTEM.
11. ADS CHECKED THRU THIS DATE. SEE AD COMPLIANCE REPORT THIS DATE FOR DETAILS.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED I/A/W A 100 HOUR/ANNUAL INSPECTION AND HAS BEEN FOUND TO BE AIRWORTHY. THIS ENGINE IS BEING RETURNED TO SERVICE.

MICHAEL S. LAWSON Page 2 of 2
 Signature *[Signature]* Cert. #: AP305723533IA
 Air Tech Maintenance LLC. 1793 N 200 E Knox In. 46534 Phone#: 574-772-5002

DATE	RECORDING TACH TIME	TODAYS 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.)
9005				
8/30/05		TACH: 0704.0 HRS.	3911.1 T.T.A.F. & TTE.	
			T.S.MOH 228.0	
				INSTALLED RFI FILTER ON ALT. P/N 454038, INSTALLED ENG. A/F P/N BA-3, INSTALLED ELT. BATT. P/N BP1010 & OPS CK. OK. INSTALLED WING GAP SEALS P/N B-M ON BOT. AFT. 1/4 & R/H WING INBD. SECT. REPLACED FWD. & AFT. ENG. MUFFLERS. P/N 68874-3. Cleaned, INSID & REPACKED ALL WHEEL BEARINGS. CLEANED INSD. & LUBED ALL CABLES & PULLEYS, LUBED A/C I/A/W PIPER MAINT. MANUAL. Comp. CK OK.
				<p>I CERTIFY THAT THIS <u>Eng.</u> HAS BEEN <u>BEEN</u> INSPECTED IN ACCORDANCE WITH <u>A MAINTENANCE</u> AN INSPECTION AND WAS DETERMINED <u>DETERMINED</u> TO BE IN AIRWORTHY CONDITION AT THIS TIME. SIGNED <u>A. J. J. H/P 342448183</u></p> <p>① 65/180 ② 65/86 ③ 11/180 ④ 11/180</p>

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19				
8/30/05		0704.0 HRS. TACH.		
				CHANGED OIL & FILTER AEROSHELL 100 & CH 48110. A. J. J. H/P 342448183
				<p>12-19-05 Tach: 725.2 Changed oil + Filter P/N CH48110 + Aeroshell 15W50 Eng. oil A. J. J. A+P 342448183</p>
9/1/06		TACH: 7541 HRS.	3961.2 T.T.E.	278.1 SMOH.
				Change oil w/ aeroshell 100w. mineral oil, changed oil filter P/N CH48110, over

12-19-05 Tach: 725.2
Changed oil + Filter
P/N CH48110 + Aeroshell 15W50 Eng. oil
A. J. J.
A+P 342448183

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
				cont.
				Lubed Eng. I/A/W Viper maint manual, Replaced 5 cr. spark plugs w/ P/N Rem 38E. Replaced cyl. #1 & Cyl. #2 with rebuilt cyls. (see w.o. # 74210 & 74211) Comp. Ch. Eng. O.K. ① 80/80 ② 80/80 ③ 72/80 ④ 75/80
				I CERTIFY THAT THIS <u>Eng.</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME. SIGNED <u>H. Mann</u> AIP 342448183 FA <small>ASSOCIATED AIR ACTIVITIES, INC P.O. BOX 158 LANSING, MI 48906</small>
9/20/06	TACH: 754.1			M.T.F. Aircraft was flown I/A/W STANDARD CYL. Break in procedures, and returned to service. H. Mann P.P. 342448183

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7/20/07				
10/3/07	TACH: 804.3		837.1 TTE: 4011.4 SMOH: 328.3	Cleaned, Inspected & Lubed Eng I/A/W Viper service manual, cleaned, topped & re-gapped spark plugs, comp. ch. eng. O.K. ① 77/80 ② 74/80 ③ 78/80 ④ 79/80 (see w.o. file for compliance)
				I CERTIFY THAT THIS <u>Eng.</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME. SIGNED <u>H. Mann</u> AIP 342448183 FA <small>ASSOCIATED AIR ACTIVITIES, INC P.O. BOX 158 LANSING, MI 48906</small>

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RECORDING TACH TIME	TODAYS 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.)
1/23/08	TACH.	837.1	TSMOH: 361.10 TTE: 4044.2 Cleaned, Inspected, & Regapped Spark Plugs, Lubed Eng. I/A/w Piper service manual, Comp. Ck. Eng. OK. (1) 79/80 (2) 74/80 (3) 77/80 (4) 72/80 I CERTIFY THAT THIS Eng. HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME. SIGNED <u>A. Gray</u> AIP 342448183I/A ASSOCIATED AIR ACTIVITIES, INC. P.O. BOX 159, LAVERGNE, IL 60438 (See A.D. List for compliance)

DATE	RECORDING TACH TIME	TODAYS 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.)
10/9/09	TACH:	852.8	SMOH: 376.8 TTE: 4059.9	Cleaned, Inspected, & Regapped Spark Plugs, Lubed Eng. I/A/w Piper service manual, Comp. Ck. Eng. OK. (1) 79/80 (2) 78/80 (3) 79/80 (4) 79/80 I CERTIFY THAT THIS Eng. HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME. SIGNED <u>A. Gray</u> AIP 342448183I/A ASSOCIATED AIR ACTIVITIES, INC. P.O. BOX 159, LAVERGNE, IL 60438
130ct10	Tach	852.8	TTEng 4079.9 TSMH 396.8	Performed an Annual Inspection I/A/w Piper & Lycoming Service Manual Clean & Regapd Plugs Compression #1 78/80 #2 77/80 #3 78/80 #4 78/80 Change Oil Service with Ch48110 Filter 8pt w/5 Amsoil Putaper To take Clamps and Bolts, RCBC Screws. Installed Exhaust Overhaul by over

Description of Inspections, Tests, Repairs and Alterations
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TSOH 396.8 Dabbey Exhaust System
 Checked with all components OK
 Checked with all components OK
 Checked with all components OK

I CERTIFY THAT THIS Engine HAS
 BEEN INSPECTED IN ACCORDANCE WITH
 A Normal INSPECTION AND WAS
 DETERMINED TO BE IN AIRWORTHY
 CONDITION AT THIS TIME.
 SIGNED [Signature] 4731135009 20
ASSOCIATED AIR ACTIVITIES, INC.
 P.O. BOX 158, LAUNING, IL 60433

917.8
 TACH: ~~550.8~~
 T.T.E 4144.9 TSOH 461.8
 Changed oil w/ aeroshell 15-50w
 Replaced Eng oil Filter P/N CH 48110,
 lubed Eng. I/A/w Types Service
 manual,
 Comp OK. Eng. OK
 (1) 73/80 (2) 64/80 (3) 65/80 (4) 78/80
 over

949

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.)

Cont.
 See a d List for compliance
 I CERTIFY THAT THIS Eng. 100 HAS
 BEEN INSPECTED IN ACCORDANCE WITH
 A Normal INSPECTION AND WAS
 DETERMINED TO BE IN AIRWORTHY
 CONDITION AT THIS TIME.
 SIGNED [Signature] 47342448193 I/A
ASSOCIATED AIR ACTIVITIES, INC.
 P.O. BOX 158, LAUNING, IL 60433

4 Nov 12 Tach 944.0 TEng 4176.1 TSOH 493.0 Performed in Normal Inspection
 Item becoming checklist. Clean & apply plugs. Drain oil
 Sump with c148110 filter & 15w50 Shell. Compression
 #2 75% #4 75% #1 75% #3 75% Putty RCBs Exh. & Hone Clamps
 Exhaust Clamps inspect Nut Buffer. Pump Oil Lub
 I CERTIFY THAT THIS Engine HAS
 BEEN INSPECTED IN ACCORDANCE WITH
 A Normal INSPECTION AND WAS
 DETERMINED TO BE IN AIRWORTHY
 CONDITION AT THIS TIME.
 SIGNED [Signature] 4731135009 20
ASSOCIATED AIR ACTIVITIES, INC.
 P.O. BOX 158, LAUNING, IL 60433

DATE	RECORDING TACH TIME	TODAYS 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.)
Nov 13	Tach 9941.9	TT Eng	4221.5 TSOH 538.4	Performed an Annual IAW becoming & Piper Service manual change oil clean screen service with Sgt 15W50 ch 48110 Aero Shell Compression #3 ⁷⁰ / ₈₀ #1 ⁷⁰ / ₈₀ #4 ⁷⁰ / ₈₀ #2 ⁷⁰ / ₈₀ Exchange #3 cyl Valve function over Halls Putty Richs screw took & scrubbed Area Checks for up Chail quantities
				<p>I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME.</p> <p>SIGNED <u>Dave Seibel</u> #3138027d</p> <p><small>ASSOCIATED AIR ACTIVITIES, INC. P.O. BOX 158 LAKEVIEW, IL 60438</small></p>

DATE	RECORDING TACH TIME	TODAYS 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.)
26 Nov 14	Tach 1650.1	TT Eng	4277.2 TSOH 594.1	Performed an Annual Inspection IAW becoming & Piper Service manual change oil clean screen service with Sgt 15W50 Aero Shell Compression #1 ⁷⁰ / ₈₀ #3 ⁷⁰ / ₈₀ #2 ⁷⁰ / ₈₀ #4 ⁷⁰ / ₈₀ Change oil screen with Sgt 15W50 Aero Shell ch 48110 Piper PSCB screen to take C Exhaust Bolt studs Headlogs Run up chail to grade
				<p>I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME.</p> <p>SIGNED <u>Dave Seibel</u> #3138027d</p> <p><small>ASSOCIATED AIR ACTIVITIES, INC. P.O. BOX 158 LAKEVIEW, IL 60438</small></p>

DESCRIPTION
DATE
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.)

Engine 4315.7 TSOH 632.6 Performed An
 Annual Inspection I.A.W. Piper & Lycoming Service
 Manual Clean & Gapped Plugs Set Mag timing
 Service Fuel System & Change Oil Service with 7
 Aero Shell 15W50 Compression #1 $\frac{70}{80}$ #2 $\frac{47}{50}$ #3 $\frac{74}{80}$ #4 $\frac{74}{80}$
 Checked
 Condition of Check gaskets.

I certify that this Engine has
 been inspected in accordance
 with a Annual inspection and was
 determined to be in airworthy
 condition at this time.
 Signed Paul Schuber of 3553017N

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

15 JAN 17 Tach 1122.0 TTEngine 4349.1 TSOH 666. Performed An Annual
 Inspection I.A.W. Piper & Lycoming Service Manual Clean
 Plugs & Gapped Check Mag timing Service Airway Bolts
 fuel filters, Change Oil Service with Ch 48110 filter Sgt
 Aero shell 15W50 Compression #1 $\frac{74}{80}$ #2 $\frac{47}{80}$ #3 $\frac{74}{80}$ #4 $\frac{74}{80}$ Check
 Condition Run up Chl filters.

I CERTIFY THAT THIS Engine HAS
 BEEN INSPECTED IN ACCORDANCE WITH
 A Annual INSPECTION AND WAS
 DETERMINED TO BE IN AIRWORTHY
 CONDITION AT THIS TIME.
 SIGNED Paul Schuber of 3553017N
ASSOCIATED AIR ACTIVITIES, INC
 P.O. BOX 152, LAKEVIEW, IL 60438

4/2/180 TACH: 1175.7 T.T.E. 4402.8 SMOH 719.7
 Changed Eng. oil w/ Sgt. Aero Shell
 15-50 w, Lubed Eng. I/A/W Lycoming
 service manual, Change Eng. oil
 Filter PN CH48111 over

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2018				<p>cont</p> <p>Replaced cly # 4 w/ used P/N 03600 w/D new Rings P/N 2 ea. 74241 + oil ring P/N 14H21950 Comp. CK. OK.</p> <p>① 79/80 ② 84/80 ③ 79/80 ④ 84/80</p> <p>I certify that this Eng. has been insp. I/A/W an annual insp. I have found this Eng. + Comp. to be in an airworthy condition</p> <p>P. King ATP342448/B33</p>

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8/14/18		TACH: 1198.4		<p>Replaced L/H + R/H MAG's for servicing see w.o. # 2487 for details. P. King ATP342448/B33</p>
5/9/19		TACH: 1207.0	SMOH 749.0 T.T.E. 4432.1	<p>Changed eng. oil w/Phillips 66 X-C 20-50W, Replaced eng. oil filter w/ P/N CH48112, lubed eng I/A/W Piper service manual, Comp. CK. eng.</p> <p>① 66/80 ② 66/80 ③ 79/80 ④ 25/80</p> <p>over</p>

1

RECORDING TACH TIME	TODAYS 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.)
			cont. I certify that this eng. & Prop. has been Insp'd I/A/W an annual Insp. & have Found this eng. & Prop. to be in an airworthy condition. M. Brady ATP342448183/A
4/20	TACH: 1237.0		Subst Eng. I/A/W Piper service manual, Changed oil w/ 89TS, Phillips 66 X-C 20-50W Replaced Eng oil Filter w/ CF8110, Comp. C.K. Eng. OK ① 7 1/80 ② 7 1/80 ③ 6 5/80 ④ 7 1/80 over

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19				cont. Cleared, Insp'd & Tested all spark plugs. Replaced Cyl. #2, w/ P/N LW 12427, Replaced Cyl. #3 w/ P/N LW 12427, Replaced Cyl. #4, w/ P/N LW 12427 used cylinders, Comp. C.K. Eng. OK. No loads, eng. OPS C.K. OK. I certify that this Eng. & Prop. has been Insp'd I/A/W an annual Insp. & have Found this Eng. & Prop. to be in an airworthy condition. M. Brady ATP342448183/A

Repaired IAW Manual # 50294-
 serviceable piston
 END
 Fit and installed new rings and
 and exhaust valve
 serviceable intake
 Assembled with serviceable intake
 Honed bore
 Ground seats and valves
 Installed new intake guide
 Installed new exhaust guide

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
1/5/22	TACH:	1247.4	Replaced CYL. # 3 w/ repaired CYL, comp. ck OK 65/80 OK. 1-2-2 ATP 342448183 see W.O. # 1030608 for details
12/10/22	TACH:	1267.0	T.T.E. 4492.1 SMOH 779.7 T.T.O. 815.1 Changed oil w/ 7945 Phillips 66 20-50 w, lubed Eng. IAW Piper service manual, comp CK. Eng. OK (1) 65/80 (2) 65/80 (3) 65/80 (4) 72/80 Cleaned, inspected & replaced spark plugs

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
2024				Cont. to certify that this Eng. & Prop. have been insp. IAW an annual insp. & have found this Eng. & Prop. to be in an airworthy condition. J. Jolly ATP 342448183 J/A
5/1/24	TACH:	1291.3	SMOH TTE: 4516.4 TTSN PROP: 821.3	Replaced TOP PISTON RING on cyl. # 1, lubed Eng. IAW Piper service manual, Comp CK. Eng. OK. (1) 65/80 (2) 65/80 (3) 65/80 (4) 72/80 over

