Engine Maintenance Records

Log Number:	
Aircraft Registration Number:	
Engine Manufacturer:	Lycoming
Model:	O-360-A4M
Serial Number:	L-35819-36A
Date Installed on Aircraft:	
Time Between Overhauls:	2000 Hours
Engine Position:	

The Power of Experience

PENN YAN AERO

Penn Yan Aero Service, Inc., 2499 Bath Road, Penn Yan, NewYork 14527 U.S.A.
800-727-7230
www.pennyanaero.com

Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work
				Balance Forward

This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts tolerances and limits where applicable by Penn Yan Aero Service, Incorporated. Engine disassembled, cleaned, inspected, repaired, reassembled, and tested in accordance with data approved by and or acceptable to the FAA. All applicable Airworthiness Directives are in compliance. See A.D. list supplied.

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Penn Yan Aero Service, Inc

2499 Bath Road, Penn Yan, New York 14527

Telephone: 1-315-536-2333

www.pennyanaero.com

FAA Approved Repair Station: NJ1R350K

17810-05 — Work Order Number

9/19/2005 — Dated

O-360-A4M — Engine Model

L-35819-36A — Serial Number

Dynamic balance engine per FAA Approved Process Spec. AMP-4302. Installed Penn Yan overhauled cylinders P10 Steel

This engine has been remanufactured to Zero Time Tolerances by Penn Yan Aero Service, Inc.

NOT SUPPLIED — Previous Time in Service

Repair Station NJ1R350K Authorized Signature

Totals – Carry Forward

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				Balance Forward

The accessories listed are either new or were overhauled (as indicated) and supplied with this engine:

O-360-A4M

Engine Model

L-35819-36A	17810-05	9/19/2005
Serial Number	Work Order Number	Date

Repair Station NJ1R350K Authorized Signature

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FAA Approved Repair Station: NJ1R350K

4370R	98040390
Right Magneto - Part Number	Serial Number
4371R	99051370
Left Magneto - Part Number	Serial Number
10-5193R	CP-1-1310
Injector/Carburetor - Part Number	Serial Number
41271	AA20134
Fuel Pump - Part Number	Serial Number
N/A	N/A
Starter - Part Number	Serial Number
N/A	N/A
Turbocharger - Part Number	Serial Number
N/A	N/A
Controller - Part Number	Serial Number
N/A	N/A
Controller - Part Number	Serial Number
N/A	N/A
Waste Gate - Part Number	Serial Number

Totals – Carry Forward

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Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work	Page: 3
				Balance Forward	
				N47480 DATE: November 1, 20050 TACH: 1515.7 Lycoming O-360-A4M SN: L-35819-36A SMOH: 0.0 Installed Lycoming O-360-A4M SN l-35819-36A in Piper PA28-181 N47480 with the following: overhauled oil cooler PN 8526250, complete hose kit. new lord mounts. new exhaust system, all baffles were repaired and painted. Repaired carburetor heat and muffler shrouds. Repaired primer lines as required. Serviced with 8 quarts AeroShell 80 mineral oil. Ground run and checked. See AD list. I certify this **ENGINE** has been inspected in accordance with an **ANNUAL** inspection and is in airworthy condition. James Todd IA 2235947	
11/6/05	11.7	11.7	1527.4	CHANGE OIL + FILTER TORQUED FILTER / SAFETY WIRED 7 QTS. AEROSHELL 100 MINERAL OIL 1 KELLY ES48110 FILTER DID RUN UP ALL CHECKS O.K. 2746659 8/07	
				Totals – Carry Forward	

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Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work	Page: 4
11/13/05			1541	*Balance Forward* CHANGED OIL FILTER + OIL 7 QTS	
				100 W MINERAL OIL, TORQUED + SAFETY WIRED	
				FILTER 1 KELLEY ES48110 FILTER DID RUNUP	
				ALL V'S OK, NO LEAKS	
				[signature] 2746659 EXP 8/07	
1/4/06			1568	CHANGED OIL + FILTER 7 QTS	
				65 W AEROSHELL, KELLEY ES48110 FILTER	
				TORQUED + SAFETY WIRED D.D RUN UP	
				ALL V'S OK	
				[signature] 2746659 EXP 8/07	
03/24/06	TACH 616				
				REMOVE SKY-TECK STARTER M/N 148-1215 AND REPLACE	
				WITH O/H UNIT OF SAME TYPE - OPS ✓	
				[signature] A+P 2352442	
				Totals – Carry Forward	

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Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work	Page: 5
				Balance Forward	
4/1/06	1628		1628	– CHANGED OIL + FILTER ES48110, 7 QTS. 100W AEROSHELL DID RUN-UP ALL V'S OK. – CHANGED 8 SPARKPLUGS CHAMPION (REM40E) TORQUED + GAPPED ALL CHECKS O.K.	
				Sean Merrill 2746659 EXP 8/07	
6/14/06	1684.8		1684.8	CHANGED OIL + FILTER (ES48110 FILTER, 7 QTS. 100W AEROSHELL TORQUED + SAFETY WIRED FILTER DID RUN UP ALL CHECKS O.K.	
				Sean Marshelled 2746659 EXP. 8/07	
				Totals – Carry Forward	

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Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work	Page: 6
				Balance Forward	
8/25/06	1737	221		CHANGED OIL + FILTER, 100W AEROSHELL 8 QTS; ES48110 OIL	
				FILTER – TORQUED FILTER + SAFETY WIRED DID RUN UP	
				ALL CHECKS O.K.	
				Steven Marshall 2746659 EXP 8/07	
8/25/06	1737	221		CHANGED 8 SPARK PLUGS AUTOLITE (WREMHOE)	
				TORQUED AND GAPPED PLUGS, DID RUN UP ALL	
				CHECKS O.K.	
				Steven Marshall 2746659 EXP 8/07	
~~[illegible]~~					
12/12/06	1826	311		CHANGED OIL + FILTER ES48110 OIL FILTER,	
				TORQUED + SAFETY WIRED, 7 QTS. EXXON ELITE	
				20W/50 DID RUN-UP ALL V's OK.	
				Steven Marshall 2746659 EXP 8/07	
				Totals – Carry Forward	

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Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work	Page: 7
1/9/07				*Balance Forward*	
1/9/07			1848	CHANGED 8 SPARK PLUGS 40E, GAPPED +	
				TORQUED PLUGS, DID RUN UP ALL CHECKS OK.	
				2746659 Steven Merrill	
				EXP 8/07	
6/6/07		353	1867.8	CHANGED ENG. OIL + OIL FILTER	
				(ES48110 OIL FILTER, 7 QTS. EXXON ELITE	
				20W/50 ENGINE OIL), TORQUED + SAFETY	
				WIRED FILTER, DID RUN UP ALL CHECKS OK.	
				Steven Merrill 2746659 EXP. 8/07	
				Totals – Carry Forward	

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Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work	Page: 8
				Balance Forward	
6/26/07		394	1909	CHANGED OIL + FILTER 7 QTS EXXON ELITE	
				20W/50 ENGINE OIL, OIL FILTER ES48110	
				TORQUED OIL FILTER, + SAFETY WIRED DID RUN UP	
				ALL CHECKS OK.	
				[signature] 2746659 CEII Exp. 8/07	
8/6/07		433	1948	CHANGED SPARK PLUGS, GAPPED + TORQUED	
				PLUGS, DID RUN UP ALL CHECKS O.K.	
				2746659 [signature]	
				EXP 8/07	
8/6/07		433	1948	CHANGED ENGINE OIL + FILTER 7 QTS. EXXON ELITE	
				20W/50 OIL, FILTER ES48110, TORQUED OIL FILTER +	
				SAFETY WIRED, DID RUN UP ALL CHECKS O.K.	
				[signature] 2746659 CEII EXP 8/07	
				Totals – Carry Forward	

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Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work	Page: 9
9-14-07	~~1985~~	470	1985	*Balance Forward*	
				CHANGED ENGINE OIL 7 QTS EXXON ELITE 20W/50	
				+ OIL FILTER TEMPEST AA48110 FILTER	
				DID RUN-UP ALL CHECKS O.K.	
				Steven Mansfield 2746659 8/09	
10-13-07		517	2032	CHANGED ENGINE OIL 7 QTS. EXXON	
				ELITE 20W/50 AND OIL FILTER TEMPEST AA48110	
				OIL FILTER	
				DID RUN-UP ALL CHECKS O.K.	
				Steven Mansfield	
				2746659 Exp 8/09	
				Totals – Carry Forward	

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Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work
				Balance Forward
11/1/07		553	2168	CHANGED ENGINE OIL + FILTER, 7 QTS EXXON ELITE,
				CH48110 OIL FILTER – TORQUED + SAFETY WIRED
		OH 1516		DID RUN UP ALL V'S O.K. Steven Mueller
				2746659 EXP. 8/09
2/7/08	208	593	2208	CHANGED ENGINE OIL + OIL FILTER, 7 QTS EXXON ELITE
				20W-50, CH48110 OIL FILTER, SAFETY WIRED +
				TORQUED, DID RUN UP ALL V'S O.K.
				Steven Mueller
				2746659 EXP 8/09
				Totals – Carry Forward

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Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work	Page: 11
7/17/08	2229	~~719~~		*Balance Forward*	
		712		CHANGED ENGINE OIL + OIL FILTER	
				ES48110 FILTER, 7 QTS. EXXON ELITE 20W/50	
				TORQUED + SAFETY WIRED FILTER, DID	
				RUN UP ALL CHECKS OK.	
				[signature] 2746659 EXP 8/09	
9/5/08	2276	760	—	CHANGED ENGINE OIL + FILTER, ES48110 OIL FILTER,	
				7 QTS EXXON ELITE 20W50 + TORQUED + SAFETY WIRED	
			—	CHANGED 8 SPARK PLUGS 40E GAPPED + TORQUED	
				DID RUN UP ALL CHECKS O.K.	
12/2/08	2344	828.	—	CHANGED ENGINE OIL + FILTER, 7 QTS EXXON ELITE 20W/50	
				ES48110 OIL FILTER	
				Totals – Carry Forward	

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2009 Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work	Page: 12
				Balance Forward	
1/23	2391	875		CHANGED ENGINE OIL + OIL FILTER	
				7 QTS EXXON ELITE 20W/50, ES48110 OIL FILTER	
				TORQUED + SAFETY WIRED FILTER, DID RUN UP ALL	
				CHECKS O.K.	
				Steven Marshall 2746659 EXP 8/09	
1/29	2399	883		CHANGED SPARK PLUGS, GAPPED + TORQUED	
				PLUGS (UREM40E), DID RUN-UP	
				ALL CHECKS O.K.	
				Steven Marshall 2746659 EXP 8/09	
3/2[illegible]	2432	916		CHANGED ENGINE OIL + OIL FILTER	
				7 QTS. EXXON ELITE 20W/50, ES48110 OIL FILTER	
				TORQUED + SAFETY WIRED FILTER, DID RUN UP ALL	
				CHECKS O.K.	
				Steven Marshall	
				2746659 EXP 8/09	
				Totals – Carry Forward	

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Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work	Page: 13
8/31	2470			*Balance Forward*	
				— REPLACED SPARK PLUGS (8 AUTOLITE (FINE WIRE) UREM38S XL PLUGS), TORQUED DID RUN UP, ALL CHECKS O.K	
				2746659 exp 8/11 Steven Marshall	
JUNE -	16-09			TACH. - 2437 -	
				REINSTALL O/H ENGINE - by Columbia A/C SERVICE CONNECT ALL CONTROLS - Add MINERAL OIL - ✓ops - RUN up - ops ✓ RECOWL - RETURN TO SERVICE	
				END	
SEPT	04-09 -			TACH 2472. —	
				Change Oil - Filter - Add 7 qts EXXON ELITE - RUN-up — ops ✓ - RECOWL - RETURN TO SERVICE.	
				Totals – Carry Forward	

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END

Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work
				Balance Forward
	Sept-05-09			Tach 2473 —
				Remove R/mag - disassemble - Replace mag rotor - Set
				Points - Set "E" Gap - Set Mag Timing - Run-up ops ✓ -
				Return to service —
				END
	Oct-12-09			Tach 2503.5 —
				Change oil & filter - 7qts Exxon Elite 20/50 w/ Kelly
				Fixed - Runup & return to service
				# 2687510
				Totals – Carry Forward

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Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work	Page: 15
1/1/10		1024		*Balance Forward*	
			2540	CHANGED ENGINE OIL + FILTER	
				-7 QTS EXXON ELITE 20W/50	
				- ES48110 OIL FILTER	
				TORQUED + SAFETY WIRED, DID RUN UP	
				ALL CHECKS O.K	
				[signature] 2746659 Exp 8/11	
3/22/10		1074	2589.7	CHANGED ENGINE OIL + FILTER	
				-7 QTS SHELL AERO 15W50	
				-ES48110 OIL FILTER	
				TORQUED + SAFETY WIRED, DID RUN UP O.K.	
				[signature] 2746659 Exp 8/11	
			2589.7	CLEANED + REPLACED 8 SPARK PLUGS	
				AUTOLITES UREM38S FINE WIRE	
				TORQUED, DID RUN UP, O.K.	
				[signature] 2746659 Exp 8/11	
				Totals – Carry Forward	

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