

TEXTRON Lycoming

ENGINE LOG

PENN YAN AERO

800-727-7230 / www.pennyaero.com

SSP-1872-1

OIL RECOMMENDATION

Use non-detergent SINGLE VISCOSITY mineral oil for approximately 10 hours or until it is established that oil consumption is acceptable. Then change oil to SINGLE VISCOSITY ashless dispersent (AD) type oil. Penn Yan specifically recommends that you do NOT use multi viscosity, synthetic, or semi synthetic products. Use of these products will void warranty on valve sticking and starter clutch slippage.

Change oil & filter after the first 10 hours, then at 15 more hours and every 25 hours thereafter.

PENN YAN DOES NOT RECOMMEND THE USE OF MULTI VISCOSITY OIL!
THE USE OF MOGAS WILL VOID WARRANTY!

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF	<u>TEXTRON LYCOMING</u>	<u>O-360-AFM</u>	<u>L-358A-36A</u>
	MAKE	MODEL	SERIAL
FROM	<u>May 1, 2000</u>	<u>10</u>	TO <u>19</u>
DETAILING TIME FROM	<u>1850.0</u>	TO	HOURS

SSP 1872-1

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October 1994

(4)

This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts limits by Penn Yan Aero Service, Inc. Engine disassembled, cleaned, and inspected in accordance with manufacturer's instructions. All steel parts magnafluxed, reassembled in accordance with manufacturer's current overhaul manual. Engine test run. All applicable Airworthiness Directives are in compliance. See A.D. list supplied. A description of these repairs is on file at this agency under:

W.O. # 4020-00

DATED May 1, 2000

MFG. Lycoming

MODEL 0-360-A4M

Serial No. L-35819-36A

Time in svc. 1850.0



PENN YAN AERO SERVICE, INC.
Airport, Penn Yan, New York 14527
APPROVED REPAIR STATION NJ1R350K

Vincent J. Cane
Authorized Signature

The Accessories Listed Below Were Overhauled and Supplied With This Engine

ENGINE: 0-360-A4M SN. L-35819-36A DATE May 1, 2000

P/N 4370 (new) S/N 00020456

RT. MAG 4371 94010437

LT. MAG not supplied

INJ/CARB 10-5193 75047419

FUEL PUMP LW-15472 (new)

STARTER 149-12LS F2L-680038

TURBO CHARGER N/A

New Superior SL36000W-A20P Cylinder Kits Installed

PENN YAN AERO SERVICE, INC.

Airport, Penn Yan, New York 14527

W.O. No. 4020-00

APPROVED REPAIR STATION NJ1R350K

Vincent J. Cane
Authorized Signature

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
06/26/00	—	—	Tach 4320 - 'O' S.M.O.H. - This engine installed in Aircraft N47480 - 7QTS Mineral oil added - All fuel hoses now installed Repaired exhaust baffle, now seat hoses installed - Timed and run-up - ck for any anomaly's - All systems within limits -	<i>John J. H.</i> <i>John J. H.</i>	

Page Total

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Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
07/04/00	—	—	CHANGED OIL + FILTER C144110 7QTS AEROSHELL 100W		
4424 Tach. —	—	—	CHANGED Pulses (8) according TO MANUFACTURER, DID RUN-UP ALL CHECKS O.K. <i>John Marshall #153721382</i>		

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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
1/18/00 4477	~ CHANGED OIL + FILTER cu [#] 48110 ~ 7 QTS 65W AEROSHELL ~ DID RUNUP, ALL CHECKS O.K. J. Muller #153721382				

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Eng M/N: O-360-A4M

Tach: 4495

Disassembled, cleaned as required to replace cracked crankcase with overhauled crankcase from Crankcase Services, Inc. Engine was inspected, repaired and reassembled in accordance with current Lycoming Overhaul Manual. Parts replaced as listed below. Test cell run satisfactory for return to service.

1	LW-13820	Overhauled crankcase
1	CFO100	Oil filter (Test)
1	CH48110	Oil filter
1	SL75439-1	Gasket set

END

Penn Yan Aero Service, Inc.

2499 Old Bath Road

Penn Yan, New York 14527

WO# 5562-00



FAA Approved Repair Station #NJ1R350K

Authorized Signature

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
12/21/00	4	52	4	CHANGED OIL + FILTER 7 QTs - 65W AEROSHELL 1 - CH48110 OIL FILTER DID RUN-UP ALL CHECKS O.K. ACCORDING TO MANUFACTURER	 # 153721382

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ENGINE LOG

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ENGINE LOG

Serial No.

ENGINE LOG

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
5/8/01					
21639 TACH	CHANGED OIL + FILTER		- CH 48110 - 7 QTS AEROSHELL 100W DID RUNUP ACCORDING TO MANUFACTURER ALL CHECK O.K.	Stan M. Hall * 153721382	

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ENGINE LOG

Serial No. _____

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ENGINE LOG

No. _____

Age Total

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Local to Date

**air Data Must Bear the Endorsement of a
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License Number MUST be Shown.**

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
07/11/01	Tach 4731	441.5MOTH.	clean/lub engine controls, clean, gage re Tach phys, change oil After Com CK-1- $\frac{7}{8}$ 3 $\frac{7}{8}$ 2 $\frac{7}{8}$ 4 $\frac{7}{8}$ clean eng in. etc Run up ops ch	<i>Dee DeLoach</i>	

Age Total 45 years 10 months

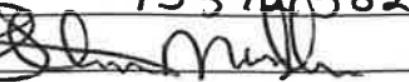
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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7/30/01			REPLACED OIL 7 QTS. AEROSHELL + OIL FILTER CH#48110 DID RUN-UP, ALL CHECKS O.K. # 153721382 		

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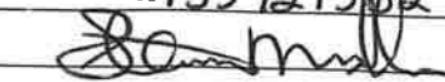
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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
8/28/01	TACH	48 01	REPLACED OIL 7 QTS AEROSHELL + OIL FILTER CH#48110 DID RUN-UP, ALL CHECKS O.K. # 153721382 		

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ENGINE LOG

al No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9/17/01	4	29	REPLACED 8 SPARK PLUGS ACCORDING TO MANUFACTURER SPEC., DID RUN-UP ALL CHECKS O.K.	Tom Mendell	

Page Total

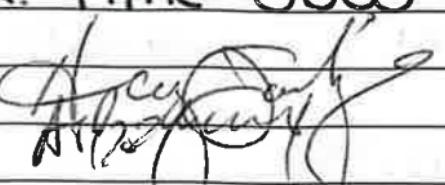
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Repair Data Must Bear the Endorsement of a
Qualified Mechanic, and his Rating and
License Number MUST be Shown.

ENGINE LOG

Serial No.

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
1/30/01	48	40:24	(4840.24) OLD TACH REPLACED WITH NEW TACH. TIME 0000		

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Total to Date

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Certified Mechanic, and his Rating and
Certificate Number MUST be Shown.**

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
10/23/01	29	.7	CHANGED OIL WITH AEROSHELL 100W + FILTER CH48110 DID RUN-UP ALL CHECKS O.K. 153721382 <i>Stan Muller</i>		

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Total to Date

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Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
11/2/01	31		CHANGED OIL + OIL FILTER CH48110 AEROSHELL 65W DID RUN-UP ALL CHECKS O.K.	<i>Stan Muller</i> #153721382	

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Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

ENGINE LOG

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Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
12/4/01	97	4	REPLACED 3 SPARK PLUGS ACCORDING TO MANU. SPEC. / TORQUE DID RUN-UP ALL CHECKS O.K. #153721382 John M. Miller		

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Up to Date

**Car Data Must Bear the Endorsement of a
Certified Mechanic, and his Rating and
License Number MUST be Shown.**

ENGINE LOG

Serial No.

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
1/24/02	13	40	<p>CHANGED OIL + FILTER</p> <p>1- CH48110, 7 QTS 65W AEROSHELL</p> <p>ACCORDING TO MANU. SPEC.</p> <p>ALL CHECKS OIL (654 TSMOH)</p> <p># 153721382</p> <p><u>Bam Muller</u></p>		

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Up to Date

All Repair Data Must Bear the Endorsement of the Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
3/13/02	189.0		CHANGED OIL + FILTER -7 QTS 65W AEROSHELL -1 CH48110 OIL FILTER ACCORDING TO MANUF. SPECS. (709 TSMOH)		

All Checks O.K.

Steve Miller 2746659 EXP 8/05

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Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4/30/02	242		CHANGED OIL + FILTER -7 QTS AEROSHELL 100W -1 CH48110 OIL FILTER ACCORDING TO MANUFACTURES SPECS. (762 SMOH)	Steve Miller	2746659 EXP 8/05

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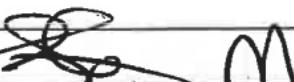
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Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
6/5/02	298		CHANGED OIL + FILTER ACCORDING TO MANU. SPEC. 7-QTS 100W AEROSHELL 1- CH48110 OIL FILTER CHECKS O.K. (818 smth)		
			 Mech # 153721382		

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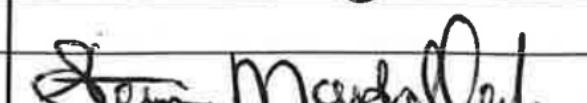
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Certified Mechanic, and his Rating and
Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7/12/02	372		CHANGED OIL + FILTER ACCORDING TO MANU. SPEC. - 7 QTS 100W AEROSHELL - 1 CH48110 OIL FILTER ALL CHECKS O.K. (892 smth)		
			 Mech # 153721382		

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Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7/22/02 (3011.4)	CHANGED 8 SPARK PLUGS ACCORDING TO MANUF. SPECS. TORQUE + GAPPED 21D RUN-UP ALL ✓'S O.K. Stew Marshall #153721382				

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Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
8/17/02	427		CHANGED OIL AND FILTER CH48110 + 7 QTS. AERO 100W DID RUN-UP ✓ ALL O.K. Stew Marshall #153721382	(Stew Stew) 873	

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Total to Date

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Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9/10/02			CHANGED OIL + FILTER 478 hr 100W AEROSHELL + 48110 OIL FILTER		
			DID RUN UP ALL CHECKS		
			OK.		
			John Menth #153721382 (924 smal)		

Page Total

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Total to Date

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Certified Mechanic, and his Rating and
Certificate Number MUST be Shown.

DATE _____

Service Bulletins, Letters, Instructions & A D Notes

09/02 Tach 465

Clean/Lub - controls - clean/gaps - rotator pliers - charge out
Exhaust Muffler - still out alt support bracket bolt - install new
bolts / Bracket - reinstall alt + adjust - clc hoses / Air / fuel - oil -
clc Timing - exhaust clc Comp - 1- $\frac{7}{8}$ 3- $\frac{7}{8}$ 2- $\frac{7}{8}$ 4- $\frac{7}{8}$ etc -

I certify that this Engine has been inspected in accordance
with an Annual inspection. It was determined to be in Airworthy
condition for time in service. This dit. 09/02

John Menth
Aero Service

END

DATE

Service Bulletins, Letters, Instructions & A D Notes

12/14/03 CHANGED 8 PLUGS ACCORDING TO
TAC41 596 MANUF. SPECS. TORQUED + GAPPED
DID RUN UP ALL V's 0.1L.
Stem Number #153721382

1/4/03 CHANGED OIL + FILTER CH48110
TAC41 634 AEROSHELL 65W
DID RUN UP ALL V's 0.1L
Stem Number #153721382

DATE

Service Bulletins, Letters, Instructions & A D Notes

4/8/03 CHANGED OIL + FILTER CH48110
7 QTS. 100W AEROSHELL, REPLACED
686 TAC41 LEFT MAIN TIRE, + BRAKE PADS (1306
DID RUN UP ALL CHECKS 0.1L. (~~1306~~ 5800)

Stem Number #153721382

5/2/03 CHANGED SPARK PLUGS ACCORDING
TO MANUF. SPECS. TORQUED + GAPPED
DID RUN UP ALL CHECKS 0.1L
Stem Number #153721382

Service Bulletins, Letters,
Instructions & A D Notes

DATE _____

5/30/03 CHANGED OIL + FILTER 7 QTRS. 100W,

T40 TACH CH481K FILTER ALUMINUM OK

John Smith 153771382

7/1/03 CHANGED OIL + FILTER - 7 QTS AEROSHELL 100W

TACH - 790

- 1 CH481K OIL FILTER

TSmith (1310)

DID RUNUP O.K.

John Smith 26

93-19-04

10/18/93

PRECISION AIRMOTIVE (FORMERLY FACET, INC.
MA-4 SERIES CARBURETORS

CONSOLIDATED FUEL SYSTEMS FLOAT/

Method of Compliance Not applicable by P/N of carburetor.

SB #

Signature *Vinay Chander*

Date 05/01/00

Next Due 1

Cert. # NJ

*98-01-06

02/13/98

PRECISION AIRMOTIVE (FORMERLY FACET, INC.
MA-4 SERIES CARBURETORS

2 PIECE VENTURI/

Method of Compliance Not applicable by P/N of carburetor.

SB #

Signature *Vinay Chander*

Date 05/01/00

Next Due 1

Cert. # NJ

* Indicates Possible Recurring Inspections

tdata corporation