

Penn Yan Aero Engine Warranty - New Cylinders - 2 year/500 Hours

Penn Yan Aero Service, Inc. warrants their engines, remanufactured by them utilizing new cylinders to be free from defects in material and workmanship under normal use and service for a period of TWO YEARS FROM DELIVERY OR 500 hours of operation, whichever event will occur first.

After two years or five hundred hours, and prior to the manufacturer's published TBO, the cost of repair or replacement (including the cost of parts and labor) at Penn Yan Aero's option, will be pro rated in the following manner: The customer will pay the price of the repair or replacement divided by manufacturer's published TBO and multiplied by the number of hours on the engine (which will be deemed the greater of the actual operated hours or time at forty hours per month from the date of installation). Labor reimbursement is per Penn Yan Aero's flat rate allowance. After the initial one year, Penn Yan Aero will not assume any responsibility for the repair or replacement of engine accessories, e.g., magnetos, starter, alternator, fuel injector, or carburetor.

Penn Yan Aero's obligation under this warranty is limited to the repair or replacement, at their option, of any part, component or engine which in their opinion, is defective and which has been returned to their facility, transportation prepaid. Penn Yan Aero Service, Inc. assumes no obligation for work accomplished at a facility other than their own unless prior written authorization is given by them. Penn Yan Aero Service, Inc. reserves the right to furnish any parts and/or components required and if requested, the owner must return warranted parts and/or components to Penn Yan Aero for our examination, properly identified, including warranty paperwork, transportation prepaid.

This warranty will not apply to engines, their component parts or accessories, which have been improperly installed, adjusted, stored, handled, repaired, altered, or operated contrary to the aircraft flight manual, current manufacturer's or Penn Yan Aero Service, Inc. recommendations. It will not apply to engines or accessories subject to misuse, neglect, accident, corrosion or lack of preventive maintenance as prescribed by the manufacturer.

Warranties will not be granted for trouble-shooting or removal and installation of engines, or components or accessories, for normal routine maintenance, inspections, or adjustments. Replacement or repair of an engine, component, or accessory will not be construed to extend the initial warranty period. Penn Yan Aero Service, Inc. shall not be responsible for any down time or travel cost, including incidental expenses associated with loss of use due to warranty conditions.

This warranty is expressed in lieu of all other and representations, expressed or implied, and all other obligations and liabilities, either direct or consequential on the part of Penn Yan Aero Service, Inc.

W.O. No.: 12437-03

Date: 8/12/2003

Serial Number: L-28263-27A



Penn Yan Aero Service, Inc.
2499 Bath Road, Penn Yan, New York 14527
Telephone: 315-536-2333
www.pennyanero.com
FAA Approved Repair Station: NJ1R350K

George,

Here is the work order for the engine you inquired about. The engine was altered from an O-320-E2D to an O-360-A4M in accordance with our FAA Approved Repair Station Process Specification PY-EMC-01. The cylinders installed were Engine Components Inc. Titan cylinders P/N: AEL65102, with Serial Numbers 8963-15, 8623-22, 8981-4, & 8981-2. These cylinders are included in AD09-26-12 and ECI Mandatory SB08-1. Please let me know if you need anything further.

Sincerely,

Timothy Hansen

Chief Inspector

800-727-7230 ext. 7207

315-536-2333

Penn Yan Aero

2499 Bath Road

Penn Yan, New York 14527

U. S. A.

Part 145 FAA Repair Station Number: Y2GR396Y

EASA. 145.5936

2499 Bath Road
Penn Yan, New York 14527

315/536-2333

Customer HOF01 / HUGH HOFFMAN

Cust RO#

Work Req EXCHANGE

P/N O-360-A4M / ENGINE

Step AWAITING PARTS.

S/N L-28263-27A

Mfg LYCOM

FAA ID NO. NJIR350K

WORK ORDER #12437-03

Dept #ENG Page NO. 1

Location ENG

Warranty Code 00 / 0

Goodthru AD# 03-15

Reason/Rm MOHX	Manual#	Rev. / /	Rev#
ATA NO. :			
Date Reqr'd 08/11/2003			
Date Estmtd / /			
PRELIMINARY INSPECTION: PROP WO# 12562-03	DATE: 07/22/2003	INSPECTOR: THANSEN	
PRE TEST (Yes/No) N Not required	DATE: / /	INSPECTOR:	
HIDDEN DAMAGE: No hidden damage.			
TEARDOWN FINDINGS: Normal runout engine core. No abnormal wear or damage noted.			
TECHNICIAN: KPRIDMORE	DATE: 07/22/2003	INSPECTOR: THANSEN	
FINAL INSPECTION BEFORE ASSEMBLY:	DATE: 07/24/2003	INSPECTOR: THANSEN	
CORRECTIVE ACTION: This engine has been overhauled to manufacturer's new part limits and tolerances. It has been disassembled, cleaned, inspected, repaired and tested in accordance with data approved by or acceptable to the FAA. This engine has been altered from an O-320-E2D to an O-360-A4M in accordance with FAA Approved Penn Yan Aero Service, Inc. Process Specification PY-EMC-01. This engine has been dynamically balanced in accordance with FAA Approved Process Specification AMP-4302. Test cell run satisfactory for return to service.			
TECHNICIAN: RHAMM	DATE: 08/06/2003	INSPECTOR: THANSEN	
MODIFICATION/SERVICE BULLETINES: Applicable AD's have been complied with. See separate AD sheet supplied.			
Test Data Used: Data approved or acceptable to the FAA.			
Test Technician: MLANPHEAR	DATE: 08/08/2003		
Inspector: THANSEN	DATE: 08/08/2003		
Final Inspection: THANSEN	DATE: 08/12/2003		
Technician:	DATE: / /		



PENN YAN AERO SERVICE, INC.

2499 Bath Road
Penn Yan, New York 14527

FAA ID NO. NJ1R350K

WORK ORDER #12437-03

Dept #ENG Page NO. 2

Location ENG

Warranty Code 00 / 0

Goodthru AD# 03-15

315/536-2333

Customer HOF01 / HUGH HOFFMAN

Cust RO#

Step AWAITING PARTS.

Work Req EXCHANGE

P/N O-360-A4M / ENGINE

S/N L-28263-27A

Mfg LYCOM

Inspector:	DATE: / /
ADDITIONAL COMMENTS:	
(1)	
(2)	

PARTS DETAIL:					
Line#	PART NUMBER	DESCRIPTION	CD	Qty	Serial Number
1	07A21443	BRACKET-ALTERNATOR	NE	1.00	
2	10-5193-M	CARB PREC (RB)	RE	1.00	G508259
3	204418-156	FILTER ADAPTER	NE	1.00	
4	4370	MAGNETO	NE	1.00	03061069
5	4371	MAGNETO	NE	1.00	03052280
6	65098	COVER FUEL PUMP	NE	1.00	
7	72877R-0	REGROUND LIFTER OUTRIGHT	NE	8.00	
8	75339	BAFFLE ASSY	NE	2.00	
9	75761	TUBE	NE	1.00	
10	75767	TUBE	NE	1.00	
11	76908	BRACKET	NE	1.00	
12	76EM8SPY-0-60	STC PROPELLER	NE	1.00	36423K
13	AELO360A4M-KIT	CASE, CRANK & RELATED PART	NE	1.00	21/6
14	CH48110	OIL FILTER	NE	1.00	
15	LW-10729	LINK ALT	NE	1.00	
16	LW-14768	GAGE ASSY	NE	1.00	
17	LW-38-0.75	BOLT	NE	2.00	
18	M4001	HARNASS (COMPLETE)	NE	1.00	
19	MHB4010R	STARTER	OH	1.00	2050547
20	MS16625-2081	SNAP RING *	NE	1.00	
21	REM40E	SPARK PLUG	NE	8.00	
22	SL13521A	ROD BEARING	NE	8.00	
23	SL53E19600	VERNATHERM	NE	1.00	23003
24	SL62417	PLUG, OIL COOLER	NE	1.00	
25	SL72220	GASKET	NE	1.00	
26	SL74637	BUSHING	NE	8.00	
27	SL75439-1	GASKET SET	NE	1.00	
28	SL78290	LIFTER, PLUNGER	NE	8.00	
29	STD-1856	SCREW	NE	2.00	



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WORK ORDER #12437-03

315/536-2333

Dept #ENG Page NO. 3

Customer HOF01 / HUGH HOFFMAN

Location ENG

Cust RO#

Step AWAITING PARTS.

Warranty Code 00 / 0

Work Req EXCHANGE

Goodthru AD# 03-15

P/N O-360-A4M / ENGINE

S/N L-28263-27A

Mfg LYCOM

MAINTENANCE RELEASE RECORD

THE COMPONENT IDENTIFIED ABOVE WAS OVERHAULED AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND IS APPROVED FOR RETURN TO SERVICE. OTHER PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Approved return to Service By TIMOTHY HANSEN [REDACTED] Date Aug 12, 2003

WOPSTM



Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Person Performing Work	Page:
				Balance Forward	
9/11/2010	TTAF 2694	TACH 2694	TSMOH 819	C/W 100 HR INSPECTION, COMPRESSIONS WERE ① 78/80 ② 78/80 ③ 78/80 ④ 78/80, CHANGED OIL + FILTER SERVICE WITH 8 QTS W100 + 48110 FILTER, CHANGED # 3 VALVE COVER GASKET PART # RG-7906, INSPECTED ENGINE AND FOUND AIRWORTHY TO RETURN TO SERVICE [REDACTED] A+P	
12/20/10	TTAF 2692.0		TSMOH 917	C/W 100 HR INSPECTION, COMPRESSIONS WERE ① 77/80 ② 78/80 ③ 77/80 ④ 78/80 CHANGED OIL + FILTER SERVICED WITH 8 QTS W100 + 48110 FILTER SERVICED PLUGS + CLEANED + GAPPED. INSPECTED ENGINE AND FOUND AIRWORTHY TO RETURN TO SERVICE [REDACTED] A+P	
				3/1/11 Tach 2827 TSMOH 952 C/W Annual inspection. Compressions were 1.78/80 2. 78/80 3. 77/80 4.77/80 Changed oil and filter, services with 8 qts W100 and 48110 filter. Cleaned and gapped plugs changed # 3 valve cover gasket, cleaned engine for oil leaks. Inspected engine and found airworthy to return to service. Donel S. Bonner [REDACTED] IA	
				Totals - Carry forward	

