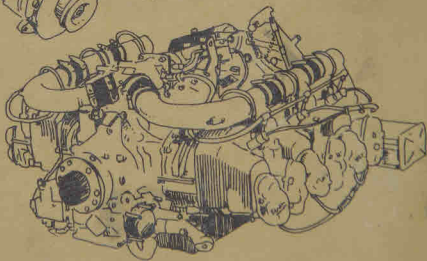
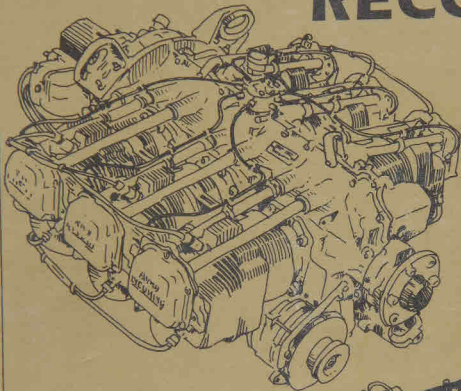


L-20862-48A

High  
Left eye



# ENGINE MAINTENANCE RECORDS



**1-800 624-6680**

(In NY 516-298-8330)

**MATTITUCK AVIATION CORPORATION**  
410 AIRWAY DRIVE, MATTITUCK, NY 11952

## MATTIUCK AIRBASE, INC. / Limited Piston Engine Warranty

Effective 2/5/88, Mattiuck Airbase, Inc., (hereinafter called "MAB"), makes the following warranty to its customer, subject to the limitations, conditions and exclusions set forth below.

**WARRANTY COVERAGE** - For a period of six (6) months after date of delivery to customer, or 240 hours of operation, whichever occurs first, MAB shall repair or replace, at its option, any air or oil engine, accessory, or part which is found to be defective, to MAB's satisfaction, within said warranty period.

For engine warranty after six (6) months from date of delivery to customer and prior to the expiration of the original manufacturer's recommended time between overhauls ("TBO"), the cost of repair or replacement (including the cost of parts and labor), at MAB's option, shall be prorated in the following manner: The customer shall pay the net price for a newly rebuilt engine equal to the current list price for the engine divided by the manufacturer's recommended TBO, and then multiplied by the number of hours on the repaired or replaced engine (which shall be determined) the greater of the actual logbook hours, or hours at forty (40) hours per month from the date of delivery. Reasonable recorded tachometer hours or time at forty (40) hours per month from the date of delivery. Reasonable labor costs associated with the repair of a warranted engine shall be prorated in the same manner on the basis of a flat rate schedule established by MAB.

After the initial six (6) months from date of delivery or 240 hours of operation, MAB will not assume any responsibility for the repair or replacement of engine accessories, e.g. magneto, starter, alternator, ignition harness, turbocharger, etc.

Replacement parts supplied for warranted engines still covered by manufacturer's warranty are supplied on an exchange basis. MAB will pursue warranty claims with the manufacturer on the owner's behalf. Any allowance by the manufacturer will be credited to the operator's account.

The repair or replacement of any part under the foregoing warranty shall not extend the periods of warranty coverage set forth above. MAB reserves the right to change the price or specifications of any engine or part at any time.

**CONDITIONS AND PROCEDURES FOR OBTAINING WARRANTY WORK** - The foregoing warranty shall be effective only if the engine or component to be serviced is returned to MAB's facility at customer's expense, together with particulars in writing of the nature of the defect. The customer or his representative should contact MAB for verification and authorization of warranty prior to return and/or repair. Written authorization must be obtained from MAB before repairs covered by warranty can be

performed other than by MAB. In no event shall allowable labor costs exceed local published shop rates. The foregoing warranty shall apply if and only if the engine has been properly installed and maintained in accordance with current approved standards of the FAA and current recommendations of the manufacturer as specified in applicable factory manuals and service bulletins. The performance of recommended inspection and maintenance must be documented by logbook entries which must accompany any engine returned for warranty work. Defects must be discovered within the warranty period and MAB must be given prompt notice thereof in writing, within ten (10) days after discovery.

**LIMITATION, EXCLUSIONS, AND DISCLAIMERS** - MAB shall not assume freight charges, transportation or delivery expenses, costs or airframe repairs, all of which are excluded under this warranty. MAB does not warrant parts, materials or services supplied which are covered by manufacturer's warranty. This warranty shall not apply to any engine which has been subjected to misuse, neglect, accident or damage from the elements, or which has been installed, repaired or maintained or altered in any manner which, in the judgement of MAB, has had an adverse effect on the engine or part. This warranty shall not apply to any engine which has been operated under conditions which exceed the manufacturer's recommendations. This warranty shall not apply to any engine which has been repaired or altered, in any manner other than by MAB, or its representative.

**THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED ARISING BY OPERATION OF LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION THE WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE WHICH WARRANTIES ARE HEREBY EXCLUDED.** MAB liability hereunder shall be limited to the repair or replacement of any engine or part found to be defective within the applicable warranty period as set forth above. IN NO EVENT SHALL MAB BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR ECONOMIC LOSS OF ANY NATURE WHETHER ARISING IN CONTRACT OR TORT, INCLUDING STRICT LIABILITY ON TORT OR NEGLIGENCE ON THE PART OF MAB. The foregoing limitations and exclusion with respect to implied warranties and the exclusion of incidental or consequential damages may not apply in those states which prohibit such limitation or exclusions. This warranty gives customer specific legal rights, and the customer may have other rights which vary from state to state.

Work Order No. 15096  
 Engine Serial No. L-20862-48A



Airway Drive  
 Mattiuck, N.Y. 11852  
 Tel: (516) 298-8330

### MAINTENANCE RELEASE

Part No. F-6352 Description GOVERNOR Assy Serial No. A 6519 TJ  
 was  REPAIRED (describe)

OVERHAULED per the following documents (include revision levels):

Manuals 130  
 Service Bulletins 148 176  
 Service Letters 688 75  
 Service Instructions  
 Service Advisories

The following Airworthiness Directives have been complied with:

A.D.	Method of Compliance	Recur at:
		Date or Hours

Time Since New \_\_\_\_\_ Time Since Overhaul 0  
 The item(s) identified above were repaired or overhauled (as indicated) and inspected in accordance with current FAA regulations and are approved for return to service. Pertinent details of this repair or overhaul are on file at this repair station under work order # 021118

Date 8-29-94 Signed Wallace B. Walter  
 for Repair Station # QV2R123L

SENENICH PROPELLER CO., INC.

QV2R123L

This is to certify that the engine described hereafter has been overhauled to manufacturer's new part limits by Mattituck Airbase Inc. Engine disassembled, cleaned, and inspected in accordance with manufacturer's instructions. All steel parts magnafluxed. All applicable Airworthiness Directives and mandatory Manufacturer's Service Bulletins are in compliance. A description of these repairs is on file at this agency under:

JOB NO. 15096 DATED 3 JUN 91  
 MFG. LYCOMING MODEL 10-540-51A5  
 Serial No. L 20862-48A Time in svc. 1056 HRS



**MATTITUCK AIRBASE INC.**

F.A.A. REPAIR STATION # QX2R125L  
 AIRWAY DRIVE, MATTITUCK, L.I., NY. 11952

*Washburn P. Russell*  
 Authorized Signature

The Accessories Listed Below Were Overhauled and Supplied With This Engine

ENGINE: 10-540-51A5 SN. L-20862-48A DATE 3 JUN 91

	P/N	S/N	P/N	S/N
L. MAG	<u>6293</u>	<u>9104004</u>	PROPELLER	<u>DNA</u>
R. MAG	<u>6250</u>	<u>9012040</u>	PROP. GOV.	
ALT./GEN.	<u>AC08421R</u>	<u>1050486</u>	TACH. GEN.	
INJ. CARB.	<u>2524451-8</u>	<u>79123</u>	TURBO CHARGER	
FUEL PUMP	<u>RG17980J</u>	<u>B7086</u>	WASTE GATE	
STARTER	<u>MHB4016</u>	<u>7N001123</u>	CONTROLLER	
VAC. PUMP	<u>DNA</u>		CONTROLLER	
HYD. PUMP	<u>DNA</u>		REL. VALVE	<u>DNA</u>

**MATTITUCK AIRBASE INC.**  
 F.A.A. Repair Sta. No. QX2R125L  
 W.O. No. 15096



*Washburn P. Russell*  
 Authorized Signature

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
7/13/91	1656.0	Hobbs 0.0	2267.0	<p>Reinstalled Lycoming EO-540-S1A S/N L-20862-9KA. With the original accessories, Vac Pump Propeller, Prop Governor, turbo-charger's, Waste Gates, Machen Tail Pipe Kit and V-Bands Replaced #2 sense line to Controller Replaced Mainfold Pressure Line. 920024-8 Replaced oil cooler Line P/N 920024-8 811, added 12 Qts of 100 Wiper Pan and Leak checked, Retorque V-Bands and Machen Pipes. Replaced Vac Pump Hose &amp; fire shielding. Air Craft test flow everything check out Ok. This Engine is installed in the left position of the Star 771h S/N 610-0599-796327. Air Craft Return to Service A+P 56640535 Craig N. Steven</p>
7/13/91	1656.0	0.0	2267.0	<p>A.D 91-08-07 regarding fuel pump sense fittings were installed at time of engine installation A+P 56640535 Craig N. Steven — End —</p>
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

TOTAL  
TIME  
IN  
SERVICE

TOTAL  
TIME  
SINCE  
OVERHAUL

DESCRIPTION OF WORK PERFORMED—  
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page

1656.0 Hobbs 0.0 2267.0 Reinstalled Lycoming 20-540-SIAS  
S/N L-20862-48A. With the  
original accessories, Vac Pump  
Propeller, Prop Governor,  
turbo-charger's, Waste Gates,  
Machin Tail Pipe Kit and V-Bands  
Replaced #2 sense line to controller  
Replaced Manifold Pressure Line  
Replaced oil cooler line P/N 920024  
811, added 12 Qts of 100 Mineral  
Oil and Leak checked, Retorqued  
V-Bands and Machin Pipes.  
Replaced Vac Pump Hose & fire  
shielding. Aircraft test flown  
everything check out Ok.  
This Engine is installed in the  
left Portion of Aero Star 771B  
S/N 61P-0599-796327.  
Aircraft Return to Service  
A+P 56640535 *Craig W. Steven*

1656.0 0.0 2267.0 A.D 91-08-07 regarding  
fuel Pump sense fittings were  
installed at time of engine  
installation A+P 56640535  
*Craig W. Steven*  
— End —

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
6/13/91 @ 2267	HOURS			"O" TSM. I certify that this engine/ installation has been inspected in accordance with air Annual/100hr inspection & was determined to be in an airworthy condition. <i>Steph E. Mills</i> AEP 227689910 6/13/91
6/20/91 @ 2284	HOURS			CHANGED OIL & FILTER. ADDED 12 QTS AEROSHELL 50W MINERAL OIL. RUN AND LEAK CKS. CD. — <i>Steph E. Mills</i> AEP 21609071
6/10/91 233.67				Change oil & filter add 10 qts 30W50 K&I oil Ops check for leaks. <i>Steph E. Mills</i> AEP 2111168
10/21/91 2361.8				Change oil & filter add 10 qts 30W50 K&I. Check filter. Ops check for leaks etc. <i>Steph E. Mills</i> AEP 2111168
2/21/92 2407.1				2401 snout Change oil & filter add 10 qts 30W50 K&I oil Comp test #1 7/80 #2 7/80 #3 7/80 #4 7/80 #5 7/80 #6 7/80. Clean & sep spark plug (#4 top plug from) Ops check etc. <i>Steph E. Mills</i> AEP 2111168
SUB-TOTALS this page				
TOTALS—Carry forward to next page				



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		2420.1		TOTALS brought forward from previous page
3/31/92	Hobbs			Removed Slick magnetos model # 6250 and Harness, Replaced with Bendix Magnetos, Left Portion <del>is</del> Part # is 10-349290-1 S/N 1025235, Right Portion Part # 10-349310-1 S/N 8142218 These are both Overhauled & tested. Before Installation, Eye Run Up + checked, Coy. <i>[Signature]</i> A.P. 56640535.
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.				Replaced oil & filter (Abd. voice) cleaned suction screen, cleaned fuel
W.O. #	2217	TSM 183.1	Hobbs 2450.1	sensor, replaced Bracket Air filter
DATE	6/25/92	TOTAL TIME	1837.1	Replaced one spark plug, cleaned &
SIGNATURE	<i>[Signature]</i>	LICENCE #	23765700	gapped the rest, inspected rings
COMPRESSION TEST RESULTS	#1 76/80, #2 74/80, #3 77/80			& timing, cleaned & reinstalled injector
	#4 78/80, #5 78/80, #6 77/80			nozzles, replaced cutted turbo
	DANBURY MUNICIPAL AIRPORT			blacked, tightened loose oil filter, replaced
	CT 06810			full oil in #4 cylinder, replaced outlet exhausts,
modified w/	twilpipe per	5857-001,	Run up engine & reset parameters,	
	all checks good.			
12/16/92	Hobbs	2485.5		Changed oil & filter, Inspected filter & Replaced with a 948103 Inspected suction screen and added 12 Qt of W80 oil. Run & Leak checked, Good <i>[Signature]</i> A.P. 56640535
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
12/10/91	M. H. B.	2485.5		Replaced Piston Rod - seals on #4 cylinder Leaking - Run + Leak check - Good Craig (Signature) A+P 566 40535
3-20-93		2522		OIL CHANGE <sup>FORD</sup> 50W (Signature) TROUBLE SHOOT OIL LEAK CHANGE #2 INT. SHROUD SEALS (Signature) WASH BAGE.
5/15/93		2553.3		OIL & FILTER CHANGED AERO 50W
8/15/93	M. H. B.	2567.0		CLW annual/10000 INSP (CLW) LEAKAGE
	T.S.H.	300.0		CR #1 2/78 = 2 1/2" / 4" #13 80/79 = 4 80/78 = 5 80/79
	T.T.E.	1956.0		#6 80/78 REPAIRS Baffle Stack, Reinstalled #2 CYL EXH STAK WITH NEW CORSETS, RE-PLACED OUTBOARD TURBO SPRING, RESECURED LOWER CYL Baffle SPRING, TIGHTENED MIXTURE CABLE ROD END, REVENED EGT PROBE ARMY & COOL OPS CK, CLEANED & TREATED CORROSION ON CURVING AFT EDGE, CLW S/B 8x4 V BAND EXH COMP SENTRY'S COMP. SENTRY, REVENED FUEL INJECTION NOSES, REVENED HOSE IN INJECTION TUBE BY WELDING, REVENED GEN SPARK PLUGS RHB 37E, REVENED COMPRESSOR OIL BREATHER TUBE. (OVER)
				SUB-TOTALS this page
				TOTALS—Carry forward to next page



