

N13839

1970 Piper Turbo Aztec D

LH Engine Logbook SMOH | #1 of 2 1990 - 1991

MSN: 27-4480



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

ENGINE LOG

11-20-90

Engine Time

Recorder

Maintenance

BOOROM AIRCRAFT, INC.

Since 1948

Quality Aircraft Services

816 Airport Road, Jackson, Michigan 49202

Telephone 517-784-AERO or 517-764-0485

Fax 517-784-0446

LEFT ENGINE LOG N13839 S/N L-1532-61
Date: 11-20-90 Tach: 1931.94 TSMOH 0.0
Engine removed for overhaul and dissassembled. The
following parts were overhauled and reinstalled:
2-ES10-349310-1 and 2-ES10-349290-1 Bendix
magnetos; 6-76087 Cylinders; 1-2524359-10 Servo
fuel injector; 1-2524223-2 Flow divider; 6-2523785
Injector nozzle; 1-RG17980 Fuel pump; 1-441CC-7
Vacuum pump; 1-406610-9021 Turbocharger; 1-LW12778
Wastegate; 1-LW10682 Controller; 1-LW10098
Controller (see yellow and overhaul tags). The
following parts were replaced new: 1-76148
Camshaft; 12-72877 Follower; 12-SL13521 Rod
bearing; 2-SL13884 Bearing; 1-STD-2209 Crank gear

Carry forward

BOOROM AIRCRAFT, INC.

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Fax 517-784-0446

bolt; 1-SL67516 Washer; 12-74644 Rod bolt; 12-SL12186 Rod nut; 6-LW10124 Bearing; 1-73251 Washer; 1-SL61297 Oil pump gear; 1-SL61298 Oil pump impellor; 3-MS24665-151 Cotter pin; 6-MS13998-3 Cap - valve stem; 1-~~P11-4419 Air cleaner~~; 2-75845 Gasket; 4-STD-2132 Nut; 1-SL-STD-35 Washer; 1-AN6C27A bolt; 2-AN6C20A Bolt; 1-AN6C10A Bolt; 3-78246 Gasket; 2-SL67542 Mag Bearing; 1-M2792RH Mag harness; 6-SL77611 Gasket; 1 AN9248 Nut; 12-0271371 Sparkplug. All stell parts were magnafluxed and inspected, camshaft and followers reground (see yellow tags). Engine reassembled and reinstalled on

ENGINE LOG

Date	Engine Time	Recorder Reading	Maintenance
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BOOROM AIRCRAFT, INC.

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784-2326

Fax 517-784-0446

aircraft. Engine was test ran and checked okay. All work done in accordance with Lycoming Parts Catalog PC-315 and Lycoming Overhaul Manual 60294-7. Engine approved for return to service after test flight.



AP371542159 FA

-----END-----

11/20/90

T
C

SERVICEABLE

LY-CON AVIATION, INC.

F.A.A. Approved Repair Station 3270

Customer Boorum Aircraft

Part Name _____

Mfg. By Lycoming

Part No. _____

Model T10-540-C1A Serial No. L-1532-61

Condition _____

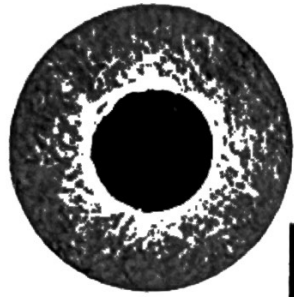
Remarks: Cleaned and magnaflux inspected

Crankshaft, 2 counterweights, 6 connecting rods and caps, 2 idler gears, crank gear, 2 mag drive gears, fuel pump idler gear and drive gear, governor idler, shaft, and drive gear, vacuum pump drive gear, 6 piston pins, 12 rocker arms, and oil pump drive impeller.
Polished and dimensionally checked crankshaft size (std) runout (OK).
Installed counterweights on crankshaft.



SLICK

FAA/PMA APPROVED



**HIGH TEMPERATURE
AIRCRAFT HARNESS
PART NO. M2791LH**

Right

Mfg. TCM/BENDIX Part No. ES10-349290-1
Serial No. 9110012 ESI P/N 00397
Model S6LN-1208 MAGNETO

MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was overhauled and inspected in accordance with Current Regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the overhaul are on file at this repair station under:

Work Order No. 7249 Date 11/01/89



ELECTROSYSTEMS, INC.

Signed: *Thomas Nessel*

P.O. Box 273 205/227-8306 TWX 810-744-3450
FORT DEPOSIT, AL 36032 U.S.A.

F.A.A. APPROVED REPAIR STATION NO. UT2R226L

Mfg. TCM/BENDIX Part No. ES10-349290-1
Serial No. 9080143 00397
Model 56LN-1208 MAGNETO ESI P/N _____

MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was overhauled and inspected in accordance with Current Regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the overhaul are on file at this repair station under:

Work Order No. 5685 Date 08/02/89

Signed: _____



ELECTROSYSTEMS, INC.

P.O. Box 273 205/227-8306 TWX 810-744-3450
FORT DEPOSIT, AL 36032 U.S.A.

F. A. A. APPROVED REPAIR STATION NO. 3779

MAINTENANCE RELEASE

THE APPLIANCE IDENTIFIED ON THE REVERSE SIDE WAS OVERHAULED OR REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

SIGNED  328368260 FOR
PRAIRIE AVIATION SUPPLY, INC.
3805 VERDE WOODS E., GRAND PRAIRIE, TX. 75051

WORK ORDER # 9915 DATE 11 / 12 / 90

FAA APPROVED REPAIR STATION # 202-191

LEFT
ENG.


ELECTROSYSTEMS, INC.

Airport Complex
PO Box 273
Fort Deposit, Alabama 36032 USA
205/227-8306
TWX 810-744-3450

WARRANTY DATA CARD

The following information must be supplied when requesting warranty consideration:

BENDIX 349310-1 9080143
MFR P/N S/N

DATE INSTALLED

DATE REMOVED

11-16-90

1931.9

TACH TIME

TACH TIME

OWNERS NAME

5 STAR AVIATION

ADDRESS

P.O. Box 503

COLUMBIA CITY IND

PHONE

 /

RETAIN THIS CARD WITH AIRCRAFT LOG BOOKS

ELECTROSYSTEMS, INC.

FORT DEPOSIT, AL 36032 U. S. A.

F. A. A. APPROVED REPAIR STATION NO. UT2R226L

Magneto Tag



ASBY

Assembled by



INSP

Tested by



Inspected by

INSP

P/N

#408

Packaged by

MC

S/N

0080162

Insp./Cert.



AUG 06 1990

LIMITED
ACCESSORIES
FAA APPROVED
STATION NO. TB3R861L



Serving Every State In The United States

SERVICEABLE

SOUTHWEST COOLER SERVICE

3939 PLATINUM WAY
DALLAS, TEXAS 75237

CUSTOMER Boorum Aircraft

Part Name Controller

Mfg. By Airesearch

Part No. LW10682

Serial No. KER0140

Repaired By *[Signature]*

Date October 9, 1990

Insp. By *[Signature]*

LIMITED
ACCESSORIES
FAA APPROVED
STATION NO. TB3R861L



Serving Every State In The United States
SERVICEABLE
SOUTHWEST COOLER SERVICE
3939 PLATINUM WAY
DALLAS, TEXAS 75237

CUSTOMER Boorum Aircraft

Part Name Controller

Mfg. By Airesearch

Part No. LW10098

Serial No. 00426

Repaired By 

Date October 9, 1990

Insp. By 

LIMITED
ACCESSORIES
FAA APPROVED
STATION NO. TB3R861L

LEFT



Serving Every State In The United States
SERVICEABLE
SOUTHWEST COOLER SERVICE
3939 PLATINUM WAY
DALLAS, TEXAS 75237

CUSTOMER Boorum Aircraft

Part Name Turbocharger

Mfg. By Airesearch

Part No. 406610-9021

Serial No. JBR0110

Repaired By *[Signature]*

Date October 9, 1990

Insp. By *[Signature]*

LIMITED
ACCESSORIES
FAA APPROVED
STATION NO. TB3R861L



Serving Every State In The United States

SERVICEABLE

SOUTHWEST COOLER SERVICE

3939 PLATINUM WAY
DALLAS, TEXAS 75237

CUSTOMER Boorum Aircraft

Part Name Wastegate

Mfg. By Airesearch

Part No. LW12778

Serial No. JC0223

Repaired By *Mike F.*

Date October 9, 1990

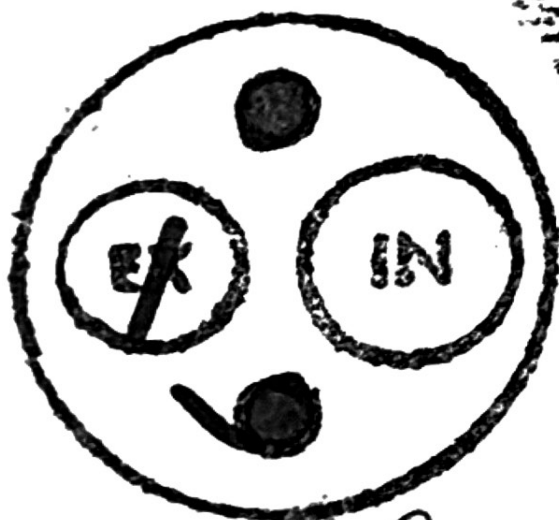
Insp. By *[Signature]*

#5

MAINTENANCE RELEASE

The aircraft and/or component identified hereon was repaired and inspected in accordance with current Federal Aviation Regulations and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under Work Order

No. 3251



Date 11-6-90

Signed David Turner

For _____



HARRISON ENGINE SERVICE, INC.
Gov't. Approved Repair Station #LR2R988K

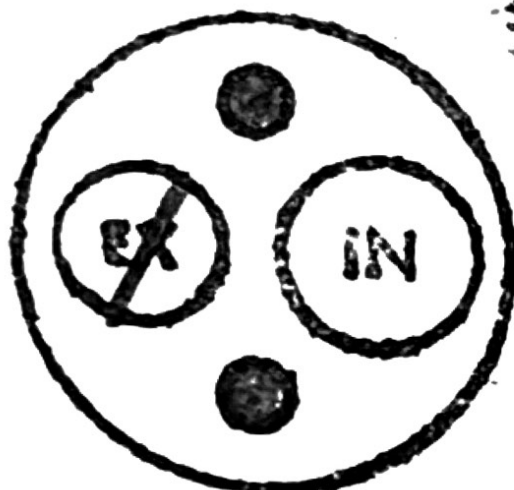
#1

MAINTENANCE RELEASE

The aircraft and/or component identified hereon was repaired and inspected in accordance with current Federal Aviation Regulations and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under Work Order

No. _____

3252



Date _____

11-6-90

Signed _____

David Turner

For _____



HARRISON ENGINE SERVICE, INC.

Gov't. Approved Repair Station #LR2R988K

301 DETROIT STREET

LAPORTE, INDIANA 46350

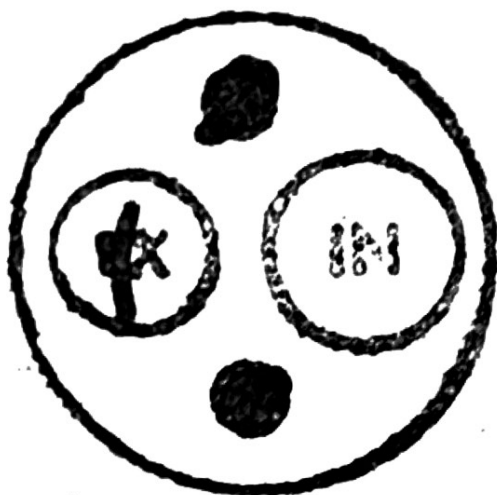
Phone: 219-362-9707 or 219-362-9925

1-800-348-0257 Fax 219-324-5395

MAINTENANCE RELEASE

The aircraft and/or component identified hereon was repaired and inspected in accordance with current Federal Aviation Regulations and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under Work Order

No. 3253



Date 11-6-90

Signed Daniel Turner

For



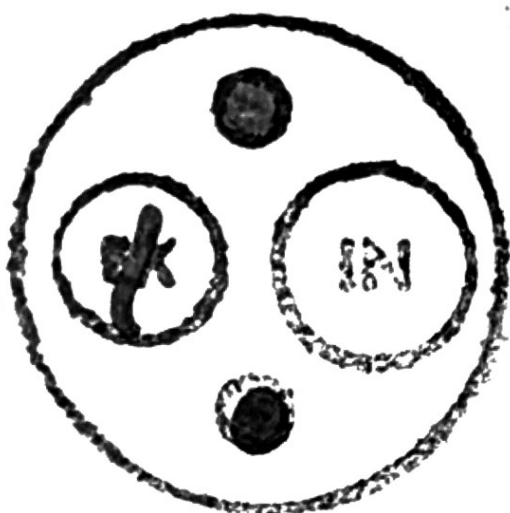
HARRISON ENGINE SERVICE, INC.
Gov't. Approved Repair Station #LR2R988K

301 DETROIT STREET
LAPORTE, INDIANA 46350
Phone: 219-362-9707 or 219-362-9925
1-800-348-0257 Fax 219-324-5395

#4

MAINTENANCE RELEASE

The aircraft and/or component identified hereon was repaired and inspected in accordance with current Federal Aviation Regulations and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under Work Order

No. 3254Date 11-6-90Signed Daniel Turner

For

**HARRISON ENGINE SERVICE, INC.**

Gov't. Approved Repair Station #LR2R988K

301 DETROIT STREET

LAPORTE, INDIANA 46350

Phone. 219-362-9707 or 219-362-9925

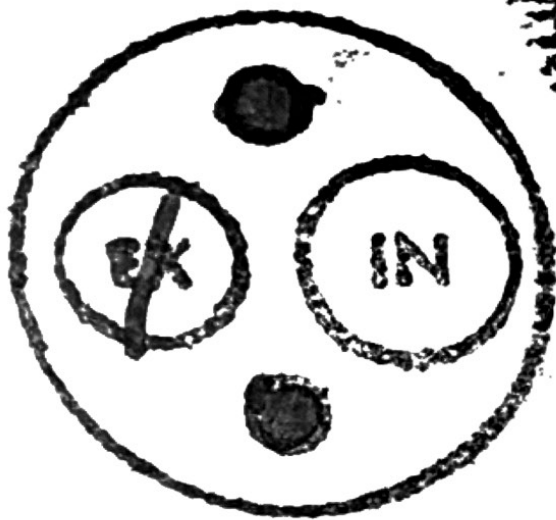
1-800-348-0257 Fax 219-324-5395

#2

MAINTENANCE RELEASE

The aircraft and/or component identified hereon was repaired and inspected in accordance with current Federal Aviation Regulations and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under Work Order

No. 3255



Date 11-6-90

Signed David Turner

For



HARRISON ENGINE SERVICE, INC.

Gov't. Approved Repair Station #LR2R988K

301 DETROIT STREET
LAPORTE, INDIANA 46350

Phone: 219-362-9707 or 219-362-9925
1 800-343-0257 Fax 219-324-5395

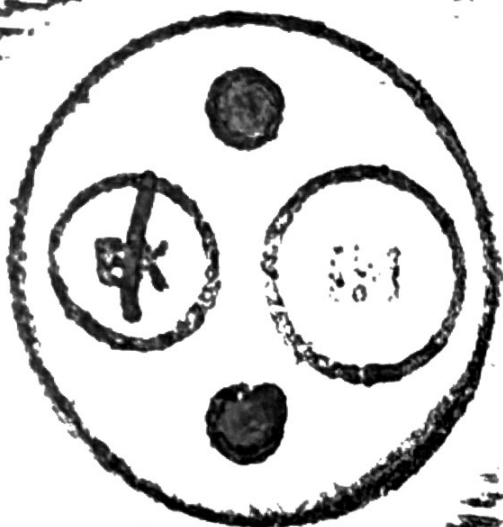
#6

MAINTENANCE RELEASE

The aircraft and/or component identified hereon was repaired and inspected in accordance with current Federal Aviation Regulations and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under Work Order

No. _____

3256



Date _____

11-6-90

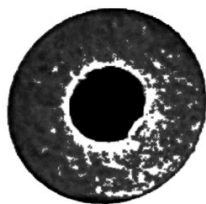
Signed _____

David Turner

For**HARRISON ENGINE SERVICE, INC.**

Gov't. Approved Repair Station #LR2R988K

301 DETROIT STREET
LAPORTE, INDIANA 46350Phone: 219-362-9707 or 219-362-9925
1-800-348-0257 Fax 219-324-5395



SERVICEABLE

MFGR. NAME

Lycoming

COMPONENT

Camshaft

MODEL

76148

SERIAL NO.

545424-4

ENGINE

THE AIRCRAFT/COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE.

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER

WORK ORDER NO.

45424

DATE

9-19-90

SIGNED

[Signature]

**AIRCRAFT
SPECIALTIES
SERVICES**

FAA CERTIFIED REPAIR
STATION NO. DD2R764K

PRECISION AIR, INC.

WORK ORDER

No. 5796

Customer Boorum A/c P/O Letter Date Rec'd 9-19-90

Address _____ Date Wanted _____

Attention _____ Phone _____ Promised _____

Item Servo Mfr. _____Model RSA 5 ADI P/L 2524359-10 S/N 30621

Cond. as Rec'd _____

Attachments: Fittings (2) Levers (2) Brackets (-) Hose (-)

Other (2) F/D 2524223-2 S/N 728T (3) 6 Nozzles 2523753

Missing Parts _____

Work to be Done: OVERHAUL OK IRAN BENCH TEST

Special Instructions _____

Disassy. Notes _____

		Parts Replaced		"R"	"C"	Price
✓	Qty	Part Number	Name			
	1	100% PARTS KIT				762
	2	367925	BEARING 612			222
	1	25264-13	STOP			18
	1	253.7608	STRAPPER			111
	1	252 0852	SCREW			16.30
	1	252 1636	WASHER			7
	1	252 6388	DIAPH			7491
	1	2538998	GASKET			234
	1	2522021	PIH			950
	1	2522022	PIH			891
	1	T-LEVER BUSHING 2446				800
	1	951291				0

"R" - Reason for Replacing

A - Standard Replacement

B - Bullet in

C - Conversion

D - Damaged

F - Failure

M - Modification

P - Precautionary

R - Rust or Corrosion

S - Specification

U - Update

W - Worn

Mis - Missing

"C" - Cond. of Repl. Parts

Code: N - NEW

US - USED

BILLING INSTRUCTIONS

SALE () EXCHANGE ()

OVERHAUL () IRAN ()

BENCH TEST & ADJUST ()

Other _____

Parts \$ 16243110 % 10243 Net \$ 921Labor: 45NStd. \$ 1705Extra 75F Total \$ 1021NET TOTAL \$ 1021

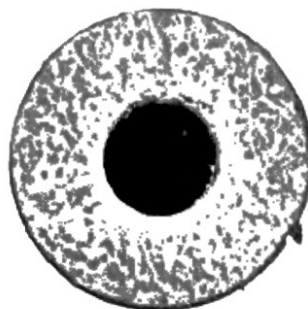
INV. No. _____ Date _____

Disassy. by 7/2/9-20-91

PAI-1A Rev. 8/5

INSPECTED + ASSEMBLED 15-54013 12/5/90 2524359-10 728T 9/25/90

INSPECTED + ASSEMBLED 16 FA 2523255 12/5/90 728T 9/25/90



ELECTROSYSTEMS, INC.

FORT DEPOSIT, AL 36032 U. S. A.

F. A. A. APPROVED REPAIR STATION NO. UT2R226L

Magneto Tag



Assembled by



Inspected by

MSP



MSP

Tested by

Packaged by

mc


P/N # 397

S/N 9080143

Insp./Cert..

AUG 02 1989

SERVICEABLE

ITEM DESCRIPTION		MFG.
Servo Fuel Injector		BX
MODEL OR TYPE	PART NO.	SERIAL NO.
RSA5AD1	2524359-10	30624
TYPE REPAIR ACCOMPLISHED		DATE
MAJOR OVERHAUL		9/25/90
INSP.	WORK ORDER NO.	PRECISION AIR INC. F.A.A. AIR AGENCY NO. 2029 BENDIX FUEL METERING CONTROLS FACET (MARVEL-SCHEBLER) CARBURETORS CENTRAL DISTRIBUTOR SALES & SERVICE 3610 N. W. 41 ST. MIAMI, FLA. 33142 (305) 635-5293
	57961	
INSP. OR TEST IS REQUIRED IF IN STORAGE AFTER:		
CUSTOMER:		
Boorom Aircraft		
CUSTOMER ORDER NO.		

SERVICEABLE

ITEM DESCRIPTION

MFG.

Flow Divider

BX

MODEL OR TYPE

PART NO.

SERIAL NO.

2524223-2

728T

TYPE REPAIR ACCOMPLISHED

DATE

MAJOR OVERHAUL

9/25/90

INSP.

WORK ORDER NO.



57962

INSP. OR TEST IS REQUIRED
IF IN STORAGE AFTER:

CUSTOMER:

Boorum Aircraft

CUSTOMER ORDER NO.

PRECISION AIR INC.

F.A.A. AIR AGENCY NO. 2029

BENDIX FUEL METERING CONTROLS
FACET (MARVEL-SCHEBLER) CARBURETORS
CENTRAL DISTRIBUTOR
SALES & SERVICE

3610 N. W. 41 ST.
MIAMI, FLA. 33142

(305) 635-5293

Also OHC 6 ea Nozzles
P/L 2523785

1657

and Remarks	Signature	Certificate No.
<p>JAN 5, 1991 C/W ANNUAL Insp Piper Maintenance MANUAL, FCC Cylinders $\frac{78}{80}$ or BETTER @ 12 HRS SMOH. Changed oil 65-30 - Now Oct. 10 gts Inspected Left Prop TT 1940.⁰ ADS All To Date, Run up & Checked Satisfactory END</p>		
<p>I certify that This Engine & Prop HAS been inspected in accordance with <u>ANNUAL</u> Inspection and was determined to be in <u>AIRWORTHY</u> Condition Date: <u>1-5-91</u> Signature <u>Philip A. B.</u> Certificate # <u>316525369 FA</u></p>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
JAN 20-91	()	15 hrs		changed oil & filter Repacked 80,400 - Cleaned, Washed & waxed AC.
Log Closed See AD-				
Total To Carry Forward				

[illegible]

