

Left

The Standard

 **ENGINE LOG**

ASA-SE-2

This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts limits

Engine disassembled, cleaned, inspected and reassembled in accordance with manufacturer's overhaul instructions. All steel parts magnafluxed. Engine test run in F.A.A. approved test cell. All applicable Airworthiness Directives and Manufacturer's Service Bulletins are in compliance. A description of these repairs is on file at this agency under:

JOB NO. 37401
MFG. TCM Continental
Serial No. 183609-R

DATED Nov. 11, 1988
MODEL TSIO-520-E
Time in svc. 1390.9 hr.



G & N AIRCRAFT, INC.

1701 East Main St., Griffith, IN 46319
Telephone: (219) 924-7110

Eugene R. Comer
Authorized Signature

C.R.S. #3125

CAUTION:

Use only straight mineral oil
during break-in period or for
the first fifty (50) hours,
whichever occurs first.

The Accessories Listed Below Were Overhauled and Supplied With This Engine

ENGINE Cont. TSIO-520-E SN 183609-R DATE Nov. 11, 1988

P/N

S/N

P/N

S/N

MAG. None

PROPELLER None

MAG. None

PROP.GOV. None

ALT./GEN. None

TACH.GEN. None

Throttle 632916-8 H267101
INJ./CARB. Divisor 634326-10 C287704C

TURBO CHARGER None

FUEL PUMP 632818-2 B178203

WASTE GATE None

STARTER None

CONTROLLER None

VAC.PUMP None

CONTROLLER None

HYD.PUMP None

REL.VALVE None



G & N AIRCRAFT, INC.

1701 East Main St., Griffith, IN 46319

Telephone: (219) 924-7110

W.O. # 37401

Eugene P. Lomer
Authorized Signature

C.R.S. #3125

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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4-17-89 HOBBS 638.9 AIRFRAME TOTAL 7589.9 ENGINE TOTAL 1390.9
 INSTALLED THIS ENGINE ON AC N8422F SN 402-0270.

I CERTIFY THAT THIS ENGINE HAS
 BEEN INSPECTED IN ACCORDANCE WITH
 AN ANNUAL INSPECTION AND WAS
 DETERMINED TO BE IN AIRWORTHY
 CONDITION.

Richard A Br 316525369 IA

TRANS AIR OF HUNTINGTON

1365 WARREN RD.

HUNTINGTON, IN 46750 219-356-8515

11-13-89 Ho Motor 77.5 Hrs
 Charged Oil & Filters 12qt 100W 5 Shell
Richard A Br
 for CES 3213

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-5-90	HOURLY METER	745.8	SMOH 106.9	ANNUAL INSP.
	COMPRESSION	1 73/80	2 73/80	3 77/80 4 73/80 5 74/80 6 68/80
	DRAINED OIL, REPLACED OIL FILTER, & SERVICED WITH 120TS			15W50 AEROSHELL. CHECKED MAG TIMING. SERVICED AIR
	FILTER. CHECKED AD'S C/W AD 77-13-22 BY INSP OF CRANKCASE			
	WAS FOR CRACKS - NONE NOTED. AD 89-24-01 IS DUE AT 1195.8			
	ON HOURLY METER (SLAVENGE OIL PUMP GEAR INSP.)			
	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN			
	ACCORDANCE WITH AN ANNUAL INSP & THIS WAS DETERMINED			
	TO BE IN AIRWORTHY CONDITION.			
				Daniel G. Wilchinski
				AEP 312705722IA

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5-7-91	933.8	SIXOH	294.9	1. COMPRESSION #1 64/30 #2 64/30 #3 66/30 #4 60/30 #5 60/30 #6 70/30 2. DRAINED OIL AND CHANGED FILTER. SERVICED WITH 11QTS ARROSHELL 15W50 OIL. 3. REMOVED LET VACUUM PUMP & REPLACED. 4. AD# 72-24-03 DATED 11/15/72 NOT APPLICABLE DO TO NEW P/N OIL FILTER ADAPTER. 5. AD 80-01-04 DATED 1/25/80 NOT APPLICABLE TO CYLINDERS INSTALLED. 6. AD 81-24-06 DATED 1/23/81 NOT APPLICABLE TO FUEL PUMP S/N. 7. AD 87-23-08 DATED 1/30/87 DUE AT NEXT CRANKSHAFT REMOVAL. 8. AD 88-03-06 DATED 4/15/88 NOT APPLICABLE TO OIL FILTER P/N INSTALLED. 9. AD 89-24-01 RI DATED 8/10/90 DUE AT 1195.8 BY INSPECTING SCAVENGE OIL PUMP GEARS. 10. ENGINE GROUND RUNS CHECK NORMAL. I certify this aircraft has been inspected in accordance with 100 hr. annual inspection and was determined to be airworthy. SIXOH Total Time 294.9 Date 5-7-91 Signature <u>TC MC</u> IA312746998

DATE

19

MAINTENANCE RELEASE

Type of Unit

Make

Model

S/N

Cyl TS10S20
6392 CL7 McCh.

C-402
N8422F

Date 7-22-92
Left eng.
No 5 cyl.

Holds 969.1
left engine

C-402
N8422F

Date: 7-22-92
Holds: 969.1

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fied

8. Engine ground run checks normal.

I CERTIFY THAT THIS Engine HAS
BEEN INSPECTED IN ACCORDANCE WITH
QA Annual INSPECTION AND
WAS DETERMINED TO BE IN AIRWORTHY
CONDITION.

SMO TOTAL TIME 330.2 DATE 7-22-92

SIGNED

Steven S. Lehman FA312887578

ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

DATE	TACH TIME	TODAYS FLIGHT	TIME IN SERVICE
7-22-92	969.1	SMOH	330.2

1. Compression Check #1 $70/80$ #2 $70/80$ #3 $63/80$ #4 $65/80$ #5 $100/80$ #6 $65/80$
2. Drained oil and changed filter. Serviced with 12 lbs. of Phillips 20W50 X/C oil.
3. Tightened E.G.T. clamp.
4. Removed and replaced #5 cly. and rings. See yellow tag.
5. Removed and replaced All spark plugs.
6. Removed and replaced exhaust pipe riser of #1 cyl. See yellow tag.
7. No AD's found to be due at this time.
8. Engine ground run checks normal.

I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH an Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

SMOH TOTAL TIME 330.2 DATE 7-22-92

SIGNED Steven S. Lehman IA312887578

DATE 19 <u>93</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5-1-93	1021.5	SMOH	382.6	<p>1. Compression Check #1 ⁶⁵/₈₀ #2 ⁷⁵/₈₀ #3 ⁷⁴/₈₀ #4 ⁷¹/₈₀ #5 ⁷⁵/₈₀ #6 ⁷⁰/₈₀</p> <p>2. Drained oil and changed filter. Serviced with 12 qts. of Aeroshell 15W50 oil.</p> <p>3. Cleaned and gapped all spark plugs.</p> <p>4. Engine ground run checks normal.</p>

I CERTIFY THAT THIS Engine HAS
 BEEN INSPECTED IN ACCORDANCE WITH
a Annual INSPECTION AND
 WAS DETERMINED TO BE IN AIRWORTHY
 CONDITION

SMOH TOTAL TIME 382.6 DATE 5-1-93

SIGNED Steve S. Lehman IA31288756

Installed on
1/4 Side, N8422F
1-22-99 HM: 1206.9

1/4 Engine
3/31/99

SERVICEABLE PART TAG

ITEM DESCRIPTION

Pump

P/N

W32818-2

SN

B178203

REMARKS:

REPAIRED + TESTED.

Flight Training Inc.

INSPECTION PRIOR TO USE

CUSTOMER ORDER NUMBER

W/O

7384

TSO

DATE

3-28-99

MECH.

K.

INSP.

K.

FUEL SYSTEMS UNLIMITED

GUNDY'S AIRPORT

P.O. Box 843 Owasso, OK 74055

FAA Approved Repair Station No. HF2R870K

(918) 838-8056

AG

PC #508

Lt 1235 Hm 597 smch 1997 TT

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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DATE 9-25-00 TACH 1235/00 TT 1997 597 smch

I CERTIFY THIS powerplant HAS BEEN INSPECTED
IN ACCORDANCE WITH A 100 hr INSPECTION
AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION
OIL TYPE 100W ALTIMETER CERTIFICATION

TRANSPONDER ELT

Signed Alvin Smith 1752579 ATP

ROUTINE SERVICE PERFORMED, OK FOR

RTS. - END -

7-10-2000 TACH 0001.5 INSTALLED REPAIRED TURBOCHARGER 632729-2 S/N 02484
RUN-UP + LEAK CHECKS GOOD Wally A. Brown ATP 312846223