

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER Continental

MODEL TB12-540-SIAD

SERIAL L-5428-61A

TYPE CERTIFICATE

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT

N543GS

PA32RT-300T

MINIMUM OCTANE FUEL 100

OIL GRADE SUMMER

Aeroshell
15W-50

WINTER

Aeroshell
15W-50

MAGNETO TIME

POINT SETTING

FIRING ORDER

SPARK PLUG GAP

MFG. RECOMMENDED OVERHAUL AT

1800

HOURS.



The Standard

ENGINE LOG

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.)
10-11-91	1731			Removed turbo to exhaust elbow replaced gasket part # 78084 and clamp part # 2W12093-5 torqued clamp to 85 in lbs. Reinstalled elbow with anti-seize compound - END -
2/11/92	1750			Compression Check 1/76 2/75 3/74 4/75 5/78 6/73 Changed oil and filter. Inspected filter for metal (ok). Serviced engine w/ 11 qts AS15W50 and a CH48103 filter. Inspected induction air filter. Removed all spark plugs, cleaned, gapped and tested. Rotate, installed w/ new gaskets, and torqued spark plugs. Removed muffler assembly and inspected turbo. Reinstalled muffler assy w/ new clamp part # MIT 69861-337 and torqued to 50 in lbs. cl - AD 91-21-01 as per SB 499A by installing one piece exhaust pipe

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.)
2/11/92	1750			# 40B 21375. All slip joints finished w/ anti-seize compound. Exhaust system torque to specs. Replaced cabin de-ice and air ducts. Replaced turbo inlet duct. Repaired magneto 'D' leads. Removed fuel injectors cylinders 1 & 2 cleaned and reinstalled. Adjusted alternate air door cleaned fuel injector pressure screen and oil sump finger screen. Engine degreased and ground run, leak checked good. For more details see w.o. 2934. Professional Aircraft Repair Inc. Tulsa Ok. - END -
August 5	1788			clw AD 92-12-10 by inspection. Changed oil and filter. Inspected filter (ok) Comp ck 1/74 2/74 3/76 4/76 5/75 6/76. Removed turbo and had mount repaired by Aeroarc Tulsa. Engine was removed to

#50

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.)
------	---------------------------	------------------	-----------------------------	---

11 June 93 1830
93
Cleaned all (6) fuel injectors
(end) [Signature] [Redacted]
APP [Redacted]

15 July 93
Tachi 1857
Installed new crankshaft
seal, 56-15628 (end) [Signature] [Redacted]
APP [Redacted]

5 DEC 93
1867.3
CHANGED ENGINE OIL, FILTER -
AEROSHELL 15W-50 11QTS, CHAMP
CH 48103 FILTER- ENGINE OIL ANALYSIS
CHECKED NORMAL - REPLACED INTAKE
FILTER #BA 7.

[Redacted]
Dennis W. Foster PUT [Redacted]

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.)
------	---------------------------	------------------	-----------------------------	---

16 MARCH 94
Tachi 1895
T.S.M.O.H. 368.4
Changed oil & filter. Insp
& cleaned suction screen; screen
was clean. Added 11 qts. 15W50
Aeroshell. Compressions as follows:
#1/76, #2/74, #3/76, #4/74, #5/76, #6/76. Ckr
A.D. 93-05-22, fuel injector lines by
visual inspection. Next due N/4/T
Tachi 1995 or 12 mo. Cleaned, gapped,
rotated spark plugs. Inspected
exhaust valve guides for wear. Ckr
OK. Installed new silicone valve
cover gaskets. Washed engine. Ground
run & leak check OK. -END-

I certify that this ENGINE
has been inspected in accordance
with a 100 HR. inspection and
was determined to be in AIRWORTHY
condition. [Redacted]
APP [Redacted]

I certify that this ENGINE
has been inspected in accordance
with an ANNUAL inspection and
was determined to be in AIRWORTHY
condition. [Redacted]
JAMES W. FOSTER
IA

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.)
July 1930				Changed oil & filter. Inspect & clean suction screen. Compressions as follows, #1/76, #2/72, #3/74, #4/76, #5/76, #6/76. Filled 15W50 Pennshell. Fel-Pro slip joint at transition & 5 cyl. - END - Peter G. Hashbrouck APR [REDACTED]
21 JUL 1931.6				CHANGED AIR FILTER ELEMENT - BRACKET # BA-7 - DW WHEATON PUT 1963796
DEC 30 1960.8				CHANGED ENGINE OIL & FILTER, CLEAN SUCTION SCREEN - ARMOSEAL 15W50 - 11 QTS - REPAIR STARTER FIELD WINDING - DIETLIN APC [REDACTED] APR [REDACTED]

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.)
7 April 1935				Compressions as follows: #1/72, #2/74, #3/76, #4/74, #5/74, #6/74. Cleaned, gapped, rotated spark plugs. Chk A.D. 93-05-22, fuel injector lines by visual inspection. Next due N/E/T 2067 or 12 months. Chk S.B. 518B. New vernier thermos not available at this time. Washed engine. Ground run & 1k. OK. OK. - END -
1935				7 April 1935 Tach: 1967 T.S.M.O.H. 440.4
				I certify that this <u>Engine</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in <u>Airworthy</u> condition. [REDACTED] AP [REDACTED] EA [REDACTED]
				I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100HR</u> inspection and was determined to be in <u>ATL</u> condition. [REDACTED] APR [REDACTED] EA [REDACTED]

DATE RECORDING TACH TODAYS TOTAL
1995 TIME FLIGHT TIME IN
SERVICE

8-24 1999.07 CHANGED ENGINE OIL & FILTER - 11 QTS
AEROSHELL 15W-50 - [REDACTED] MT [REDACTED]

14 MARCH 2013.16
96

TS.M.O.H. 486.56

CHANGED OIL & FILTER. Inspected
+ clean suction screen. Added 11 qts
15W-50 Aeroshell. Compressions as
follows: #1/73 #2/74 #3/78 #4/75 #5/74 #6/74.
C/W A.D. 93-05-22, fuel. Installed all new spark plugs (P/N RHB37E,
injector lines. Re-installed tailpipe & waste gate
elbow after O/H per Wall Colmanoy
W.O. 96-760A. Washed engine. Ground
run & leak OK. OK. - END -

I certify that this engine
has been inspected in accordance
with an [REDACTED] inspection and
was determined to be in [REDACTED]
condition.

I certify that this ENGINE
has been inspected in accordance
with an [REDACTED] inspection and
was determined to be in [REDACTED]
condition.

JOHN W. FOSTER

4 [REDACTED] A

DATE RECORDING TACH TODAYS TOTAL
1995 TIME FLIGHT TIME IN
SERVICE

3-27-96 2025.3 11 Tack Install Electro system
alternator P.N. 411180 S.N. 5091997. Engine
ground run [REDACTED] AI

24 APRIL 96 TACH TIME 2039.3 CHANGED OIL using 10 QTS Aeroshell
15W-50 SEMI-SYNTHETIC OIL. [REDACTED] END
512.65 SIMO 4 [REDACTED] AI

11 JUNE 96 TACH TIME 2059.4 CHANGED OIL using 11 QTS Aeroshell 15W-50
SEMI-SYNTHETIC OIL & NEW CH48103 OIL FILTER, INSTALLED NEW
CURTIS engine oil DRAIN VALVE P/N CCC-3700, cleaned & INSPECTED
fuel injector fuel screen - NO FOREIGN MATTER NOTED, C/W AD
90-02-03 By inspection, washed engine w/ mineral spirit, RAN-UP
for OPS check - OPS checks OK. [REDACTED] END [REDACTED] AI

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.)
------	---------------------------	------------------	-----------------------------	---

15 APR 97, TACH TIME-2175.40, ENG. TSMOH-0648.80, CHANGED OIL USING 12 QTS. AEROSHELL 15W-50 SEMI-SYNTHETIC OIL AND NEW CH48103 OIL FILTER, INSTALLED NEW AIR FILTER ELEMENT, CLEANED AND RE-GAPPED SPARK PLUGS, CHECKED MAGNETO TIMING-BOTH AT 20 DEGREES BTC, INSPECTED EXHAUST SYSTEM AND HEAT MUFF, INSPECTED ENGINE CONTROLS FOR RIG AND PROPER MOVEMENT, INSTALLED NEW DUST CAP ON MAGNETO-TOP, INSTALLED CHAFE TUBE ON FLUID LINE NEAR INDUCTION AIR BOX RIGHT AFT TOP SIDE, INSTALLED NEW ADEL CLAMP AT ON FUEL LINE-LEFT SIDE OF ENGINE, INSTALLED NEW EGT PROBE UNIVERSAL CORP. MN MM-111 ON #1 CYLINDER, INSPECTED PROPELLER AND ITS ASSOCIATED COMPONENTS-DRESSED MINOR NICKS OUT OF BLADES. COMPRESSION TEST (1) 74/80 (2) 77/80 (3) 79/80 (4) 74/80 (5) 75/80 (6) 76/80. I CERTIFY THAT THIS POWERPLANT HAS BEEN INSPECTED UAW A 100 HOUR INSPECTION AND AT THIS TIME IS DETERMINED TO BE IN AN AIRWORTHY CONDITION. —END—

ALFRED PRIEDNIEKS

19 JUL 97 - TACH TIME 2282.5 CHANGED OIL USING 11 QTS Aeroshell 15W-50 OIL AND NEW CH48103 OIL FILTER, WASHED ENGINE WITH MINERAL SPIRITS, SMALL OIL LEAK NOTED PRIOR TO OIL CHANGE, TIGHTENED 1/4-20 ENGINE CRANKCASE BOLTS @ BOTTOM AFT OIL SUMP ATTACH BOLTS AND @ LEFT CENTER ACCESSORY CASE TO CRANKCASE ATTACH (NEXT TO LEFT MAGNETO) —END—

AI

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.)
------	---------------------------	------------------	-----------------------------	---

28 OCT 97, TACH TIME 2310.58, CHANGED OIL USING 12 QTS Aeroshell 15W-50 AID
New CH48103 OIL FILTER, INSPECTED PROPELLER BLADES, HUB, SPINNER,
SPINNER BUCK HEAD. —END—
AI

03 FEB 98, TACH TIME 2343.61, CHANGED OIL USING 12 QTS Aeroshell 15W-50
AND NEW CH48103 OIL FILTER. —END—
AI

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.)
19 98				
March 24	2360.40	✓	2360.40	C/W AD 91-21-01 R1 VISUAL Insp OF EXH
				C/W AD 95-24-13 VISUAL Insp - OIL HOSES
				C/W AD 93-05-22 VISUAL Insp - INTAKE LINES
NO	OIL CHANGE			TURBO MOUNT REPAIRED BY KOSLOV & ASSOC.
				REINSTALLED REPAIRED MOUNT.
				COMPRESSION - 1) $75/80$ 2) $73/80$ 3) $76/80$ 4) $69/80$ 5) $75/80$ 6) $74/80$
				I HAVE INSPECTED THIS ENGINE I A/W
				AN ANNUAL INSPECTION AND FOUND IT TO BE
				IN AN AIRWORTHY CONDITION.
				W.H. PARKER

DATE 19 <u>98</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.)
4-24-98				Replaced #2, #4 EGT PROBES - RAN ENGINE - ALL Checks normal.
TACH	236727			
TT FNG	236727			
TTSMOH	840.67			
DLK Aviation, Inc. 2601 Cassena Lane Kennesaw, GA 30144 (770) 427-4984				MAINTENANCE RELEASE This aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under 518 172 4-24-98

DLK Aviation, Inc.
2601 Cesena Lane
Kennecaw, GA 30144
(770) 427-4954

MAINTENANCE RELEASE

This aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

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

#53

DATE 1998	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.)
5-28-98				Removed fuel servo - Had Berch. checked By
Tach	2377.35			T.W. SMITH with R3136 DATED 5-27-98
TT ENG	2377.35			Reinstalled servo, RAN ENGINE - ALL checks
TSMOH	850.75			NORMAL.
MAINTENANCE RELEASE				
This aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service.				
Pertinent details of the repair are on file at this repair station under				
WO # 98-215 Date 5-28-98 Total Time 2377.35 Tach 2377.35 Hrs 850.75				
Signed [Redacted] For D.L.K. AVIATION INC. FAARS [Redacted] 2601 Cessna Lane Kennesaw, GA 30144				
DLK Aviation, Inc. 2601 Cessna Lane Kennesaw, GA 30144 (770) 427-4954				

DATE 1998	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.)
8-4-98				Changed Oil, Checked & Replaced Oil Filter
Tach	2389.32			Cleaned & Gapped SPARK PLUGS. SERVICED WITH 15W50
TT ENG	2389.32			AERO Shell OIL. WASHED ENGINE. RAN ENGINE, All
TSMOH	862.72			Checks NORMAL. NO OIL LEAKS NOTED.
MAINTENANCE RELEASE				
This aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service.				
Pertinent details of the repair are on file at this repair station under				
WO # 98-341 Date 8-4-98 Total Time 2389.32 Tach 2389.32 Hrs 862.72				
Signed [Redacted] For D.L.K. AVIATION INC. FAARS [Redacted] 2601 Cessna Lane Kennesaw, GA 30144 770-427-4954				
DLK Aviation, Inc. 2601 Cessna Lane Kennesaw, GA 30144 (770) 427-4954				

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.)
8-8-98				Removal of 1 cyl. & Replaced Exhaust Valve, Ground Valves
Tach.	2389.36			5500s Honda Cylinder, Cleaned Piston, Replaced
TTENG	2389.36			Rings. Reinstalled cylinder in accordance with
TTSMOH	862.76			Hyd. overhaul manual, new Gaskets & Seals Replaced
				#1 cyl. CRT Probe Replaced Right Transition Pipe
				With new unit & Gasket P/N LW-15806.
MAINTENANCE RELEASE				
This aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service.				
Pertinent details of the repair are on file at this repair station under				
WO # <u>98-348</u> Date <u>8-8-98</u> Total Time <u>9389.36</u> Tach <u>2389.36</u> Hrs <u>862.76</u>				
Signed <u>[Signature]</u>				
For DLK AVIATION INC. FAARS # <u>[Signature]</u>				
2601 Cessna Lane Kennesaw, GA 30144				
770-427-4954				

DLK Aviation, Inc.
2601 Cessna Lane
Kennesaw, GA 30144
(770) 427-4954

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.)
10-8-98				Completed AD 98-18-12 By INSP. & Torque Check
Tach	2401.13			OKAY, NO LEAKS, NEXT INSP Due 2401.13 Tach
TTENG	2401.13			OR MARCH 1999, which ever is FIRST.
TTSMOH	874.63			
MAINTENANCE RELEASE				
This aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service.				
Pertinent details of the repair are on file at this repair station under				
WO # <u>98-434</u> Date <u>10-8-98</u> Total Time <u>2401.13</u> Tach <u>2401.13</u> Hrs <u>874.63</u>				
Signed <u>[Signature]</u>				
For DLK AVIATION INC. FAARS <u>[Signature]</u>				
2601 Cessna Lane Kennesaw, GA 30144				
770-427-4954				

DLK Aviation, Inc.
2601 Cessna Lane
Kennesaw, GA 30144
(770) 427-4954

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.)
19__				

DLK Aviation, Inc. 2601 Cessna Lane Kennesaw, GA 30144 DK7R795J
LOG ID# 160 11-November-1999 W/O 99-472
N543GS S/N 32R-7887124 PIPER PA-32RT-300T TACH 2450.1

ENGINE LOG BOOK TTENG 2450.19 TTSMOH 923.59

RAN ENGINE TO WARM OIL. CHANGED OIL. CHECKED AND REPLACED OIL FILTER. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH AEROSHELL 15W50 OIL. WASHED ENGINE, RAN ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED. C/W AD 98-18-12 - NO MOVEMENT IN SCREWS - NEXT DUE 2500 TACH. RETORQUED ROCKER BOX SCREWS. INSTALLED ONE ROCKER BOX SCREW. PULLED COMPRESSION CHECK #1 69/80, #2 70/80, #3 74/80, #4 68/80, #5 68/80, #6 70/80.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#99-472 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Authorized Individual: [REDACTED]

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.)
19__				

DLK Aviation, Inc. 2601 Cessna Lane Kennesaw, GA 30144 DK7R795J
LOG ID# 186 29-November-1999 W/O 99-494
N543GS S/N 32R-7887124 PIPER PA-32RT-300T TACH 2452.1

ENGINE LOG BOOK

REPLACED #6 EGT PROBE. RAN ENGINE - ALL CHECKS NORMAL.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#99-494 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Authorized Individual: FOR [REDACTED]

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.)
--------------	---------------------------	------------------	-----------------------------	---

DLK Aviation, Inc. 2601 Cessna Lane Kennesaw, GA 30144 DK7R795J
LOG ID# 302 11-January-2000 W/O 00-013
N543GS S/N 32R-7887124 PIPER PA-32RT-300T TACH 2454.0

ENGINE LOG BOOK

INSPECTED EXHAUST SYSTEM - NO DEFECTS NOTED.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#00-013 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Authorized Individual: FOR [REDACTED] DLK AVIATION, INC. (770) 427-4954

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.)
--------------	---------------------------	------------------	-----------------------------	---

DLK Aviation, Inc. 2601 Cessna Lane Kennesaw, GA 30144 DK7R795J
LOG ID# 420 07-March-2000 W/O 00-085
N543GS S/N 32R-7887124 PIPER PA-32RT-300T TACH 2461.7

*** ENGINE LOG BOOK *** TTENG 2461.75 TTSMOH 920.55

C/W TELEDYNE CONTINENTAL CSB 662A BY REPLACEMENT OF CAPACITOR 10-382681. RAN ENGINE - ALL CHECKS NORMAL.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#00-085 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Authorized Individual: FOR [REDACTED] DLK AVIATION, INC. (770) 427-4954

DATE	RECORDING TACH	TOTAL TIME IN	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
	TODAYS		ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

DLK Aviation, Inc. 2601 Cessna Lane Kennesaw, GA 30144 DK7R795J
LOG ID# 634 08-June-2000 W/O 00-234
N543GS S/N 32R-7887124 PIPER PA-32RT-300T TACH 2477.9

*** ENGINE LOG BOOK *** TTENG 2477.9 TTSMOH 951.39 LYC TIO540-SIAD S/N L-5528-61A

SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. REPLACED THE FOLLOWING: CRANKSHAFT SEAL, ALTERNATOR BELT, WASTEGATE ROD END, STARTER NOSE BOWL. REPAIRED LEFT REAR BAFFLE. REPAIRED COOLING TUBE OVER VACUUM PUMP. RETORQUED MOUNTING NUTS ON PROPELLER GOVERNOR. RETORQUED OIL LINE. REMOVED STARTER - CLEANED BEDIX SHAFT, LUBRICATED AND REINSTALLED. RAN ENGINE TO WARM OIL. CHANGED OIL. CHECKED AND REPLACED OIL FILTER. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH AEROSHELL 15W50 OIL. WASHED ENGINE, RAN ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED. LUBRICATED TURBO CONTROLS. INSPECTED EXHAUST SYSTEM. TIMED MAG'S. COMPRESSION CHECK: #1 64/80, #2 64/80, #3 64/80, #4 68/80, #5 68/80, #6 64/80.

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

Authorized Individual: [REDACTED] DLK AVIATION, INC. (770) 427-4954

DATE	RECORDING TACH	TOTAL TIME IN	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
19	TIME	FLIGHT	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

DLK Aviation, Inc. 2601 Cessna Lane Kennesaw, GA 30144 DK7R795J
LOG ID# 1175 11-December-2000 W/O 00-596
N543GS S/N 32R-7887124 PIPER PA-32RT-300T TACH 2518.0

*** ENGINE LOG BOOK *** TTENG 2518.0

ADJUSTED MIXTURE CONTROL ROD END. SECURED MIXTURE CONTROL SUPPORT CLAMP.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#00-596 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Authorized Individual: [REDACTED] DLK AVIATION, INC. (770) 427-4954

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.)
--------------	---------------------------	------------------	-----------------------------	---

DLK Aviation, Inc. 2601 Cessna Lane Kennesaw, GA 30144 DK7R795J
LOG ID# 1225 05-January-2001 W/O 00-655
N543GS S/N 32R-7887124 PIPER PA-32RT-300T

TACH 0000.01

*** ENGINE LOG BOOK *** TTENG 2521.1 TTSMOH 994.59

REMOVED TACH CABLE - CLEANED AND LUBRICATED FOR FLUX. INSTALLED NEW TACH, P/N
01-112-5023, S/N 16525. RAN ENGINE - ALL CHECKS NORMAL. OLD TACH READING 2521.09
- NEW READING 0000.01. TTACFT 2521.10

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS
REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL
AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER
WO#00-665 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE
AT THIS REPAIR STATION.

Authorized Individual:

DLK AVIATION, INC. (770) 427-4954

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.)
--------------	---------------------------	------------------	-----------------------------	---

DLK Aviation, Inc. 2601 Cessna Lane Kennesaw, GA 30144 DK7R795J
LOG ID# 1285 25-January-2001 W/O 01-033
N543GS S/N 32R-7887124 PIPER PA-32RT-300T TACH 4.9

*** ENGINE LOG BOOK ***

RAN ENGINE TO WARM OIL. CHANGED OIL. CHECKED AND REPLACED OIL FILTER. CLEANED
AND GAPPED SPARK PLUGS. SERVICED WITH AEROSHELL 15W50 OIL. WASHED ENGINE, RAN
ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED. COMPRESSION CHECKED: #1 63/80,
#2 76/80, #3 74/80, #4 76/80, #5 72/80, #6 74/80.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS
REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL
AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER
WO#01-033 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE
AT THIS REPAIR STATION.

Authorized Individual: FOR

DLK AVIATION, INC. (770) 427-4954

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.)
19__				

DLK Aviation, Inc. 2601 Cessna Lane Kennesaw, GA 30144 DK7R795J
LOG ID# 1798 09-July-2001 W/O 01-293
N543GS S/N 32R-7887124 PIPER PA-32RT-300T TACH 30.0

*** ENGINE LOG BOOK *** TTENG 2551.1 TTSMOH 1024.59

SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. REPLACED ALTERNATOR
MOUSE FILTER. ALTERNATOR ADJUSTMENT BELT ARM P/N 63531-000, CORRODED HARDWARE ON
WASTEGATE, CYLINDER OIL-RETURN LINES ON #5, AND #3 CYLINDER. ADJUSTED WASTEGATE
STOP. REPLACED #1 CYLINDER WITH OVERHAULED UNIT BY AERO AVIATION, WO #116005, P/N
CL408TC. S/N 51976-4. RAN ENGINE TO WARM OIL. CHANGED OIL. CHECKED AND REPLACED
OIL FILTER. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH AEROSHELL 15W50 OIL.
WASHED ENGINE, RAN ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED. LUBRICATED
TURBO CONTROLS. INSPECTED EXHAUST SYSTEM. CLEANED FUEL INJECTORS. TIMED MAG'S.
COMPRESSION CHECKED: #1 71/80, #2 72/80, #3 76/80, #4 72/80, #5 70/80, #6 74/80.

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

Authorized Individual: [REDACTED] DLK AVIATION, INC. (770) 427-4954

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.)
19__				

DLK 2601 Cessna Lane Kennesaw, GA 30144 770/427-4954
LOG ID# 3101 15-August-2002 REF# 02-419
N543GS S/N 32R-7887124 PIPER PA32RT-300T
TACH 62.5
AVIATION, INC. TTENG 2583.6 TTSMOH 1057.0

Pg 1 / 1

*** ENGINE LOG BOOK ***

SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. REPLACED ENGINE INLET FILTER.
REPLACED CLAMP ON EXHAUST SHIELD RIGHT AFT SIDE. CHANGED OIL. CHECKED AND REPLACED OIL
FILTER. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH AEROSHELL 15W50 OIL. WASHED
ENGINE, RAN ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED. LUBRICATED TURBO CONTROLS.
INSPECTED EXHAUST SYSTEM. CLEANED FUEL INJECTORS. TIMED MAG'S. PERFORMED COMPRESSION
CHECK: #1 75/80, #2 69/80, #3 61/80, #4 64/80, #5 70/80, #6 72/80.

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

Signed [REDACTED] FOR DLK AVIATION, INC.

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.)
19__				

DLK

2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
LOG ID# 4226 09-September-2003 REF# 3417
N543GS S/N 32R-7887124 PIPER PA32RT-300T
TACH 85.9
TTENG 2607.0 TTSMOH 1080.4

Pg 1 / 2

*** ENGINE LOG BOOK ***

SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. REPLACED THE FOLLOWING:
ENGINE INLET FILTER; INTAKE ORING AT #1 CYLINDER P/N 72711 AND GASKET P/N 71973; #1
CYLINDER EGT PROBE; ALTERNATOR P/N 4111810 S/N A-87686 - OVERHAULED BY AEROTECH OF
LOUISVILLE (WO #65334 DATED 05-23-2003). REPAIRED #4 CYLINDER TOP IGNITION LEAD.
RETORQUED OIL RETURN LINE CLAMPS AT #2, #4 AND #6 CYLINDERS. ADJUSTED OIL COOLER LINE TO
PREVENT CHAFFING ON PROP. CABLE AND SECURED. RAN ENGINE TO WARM OIL. DRAINED OIL. CHECKED
AND REPLACED OIL FILTER. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH AEROSHELL 15W50
OIL. WASHED ENGINE, RAN ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED. LUBRICATED
TURBO CONTROLS. INSPECTED EXHAUST SYSTEM. CLEANED FUEL INJECTORS. TIMED MAG'S.
PERFORMED COMPRESSION CHECK: #1 74/80, #2 70/80, #3 74/80, #4 70/80; #5 70/80, #6 70/80.

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

Signed _____ FOR DLK AVIATION, INC.

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.)
19__				

DLK

2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
LOG ID# 4763 28-January-2004 WO# 4047 REF# 4047
N543GS S/N 32R-7887124 PIPER PA32RT-300T
TACH 111.8
TTENG 2632.9 TTSMOH 1106.3

Pg 1 / 1

*** ENGINE LOG BOOK ***

REPLACED PROPELLER GOVERNOR BASE GASKET P/N MS9144-01. WASHED ENGINE, RAN ENGINE - NO OIL
LEAKS NOTED.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND
INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS
AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#4047 AT REPAIR STATION
DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed _____ FOR DLK AVIATION, INC.

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.)				
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	
19__				

Pg 1 / 1

DLK 2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
 LOG ID# 6978 11-November-2005 WO# 5639
 N543GS S/N 32R-7887124 PIPER PA32RT-300T
 TACH 155.3
AVIATION, INC. TTENG 2676.4 TTSMOH 1149.8

*** ENGINE LOG BOOK ***
 SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. REPLACED ENGINE INLET FILTER. NO METAL LUBRICATED TURBO CONTROLS WITH MOUSEMILK. DRAINED OIL. CHECKED AND REPLACED OIL FILTER. WASHED NOTED. OIL SAMPLE TAKEN. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH AEROSHELL 15W50 OIL. INSPECTED ENGINE, RAN ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED. LUBRICATED TURBO CONTROLS. INSPECTED EXHAUST SYSTEM. CLEANED FUEL INJECTORS. TIMED MAG'S. PERFORMED COMPRESSION CHECK: #1 72/80, #2 69/80, #3 78/80, #4 73/80, #5 74/80, #6 73/80. I CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

MAINTENANCE RELEASE.
 THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#5639 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

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.)				
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	
19__				

Pg 1 / 1

DLK 2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
 LOG ID# 7513 13-March-2006 WO# 6136
 N543GS S/N 32R-7887124 PIPER PA32RT-300T
 TACH 162.7
AVIATION, INC.

*** ENGINE LOG BOOK ***

#4 EGT INOP. RAN ENGINE - #4 CYLINDER SHOWED HIGHER THAN OTHER CYLINDERS. SWAPPED #2 AND #4 EGT PROBES - SAME INDICATIONS. INSPECTED WIRE CONNECTIONS - OKAY. INSPECTED CYLINDER FOR INDUCTION LEAKS - NONE FOUND. REMOVED #4 INJECTOR - CLEANED AND REINSTALLED. RAN ENGINE - CYLINDER COOLER. UNABLE TO DUPLICATE FLUXUATIONS.

MAINTENANCE RELEASE.
 THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#6136 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

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.)
19__				

DLK 2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
LOG ID# 8614 06-February-2007 WO# 7026
N543GS S/N 32R-7887124 PIPER PA32RT-300T
TACH 168.1
AVIATION, INC. TTENG 2689.2 TTSMOH 1162.6

Pg 1 / 1

*** ENGINE LOG BOOK ***
SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. DRAINED OIL. CHECKED AND REPLACED OIL
FILTER - NO METAL NOTED. OIL SAMPLE TAKEN. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH AEROSHELL
15W50 OIL. WASHED ENGINE, RAN ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED. LUBRICATED TURBO
CONTROLS. INSPECTED EXHAUST SYSTEM. CLEANED FUEL INJECTORS. TIMED MAG'S. PERFORMED COMPRESSION
CHECK: #1 62/80 #2 61/80 #3 66/80 #4 64/80 #5 62/80 #6 66/80. REPLACED OIL COOLER HOSES - MADE,
TESTED, FIRESLEEVED AND INSTALLED. REPLACED THE ENGINE INLET FILTER. REPLACED THE CRANKSHAFT SEAL
P/N LW11997. REPLACED THE PROP GOVERNOR GASKET P/N MS9144-01. REPLACED THE PROPELLER ORING P/N
MS28775-228. REPLACED THE ALTERNATOR FWD MOUNT BOLT AND NUT. REPLACED AN ADEL CLAMP ON WASTEGATE
CABLE. REPLACED THE #4 CYLINDER FUEL INJECTION LINE CLAMPS. REPAIRED THE #5 TOP IGNITION LEAD.
RETORQUED TACH CABLE ADAPTER AND SAFTIED. I CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN
INSPECTED IN ACCORDANCE WITH A/AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

MAINTENANCE RELEASE.
THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED
IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR
RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#7026 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF
THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

ON, INC.

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.)
19__				

DLK

2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
LOG ID# 10137 03-March-2008 WO# 8095
N543GS S/N 32R-7887124 PIPER PA32RT-300T
TACH 178.0
AVIATION, INC. TTENG 2699.1 TTSMOH 1172.5

Pg 1 / 1

*** ENGINE LOG ENTRY ***

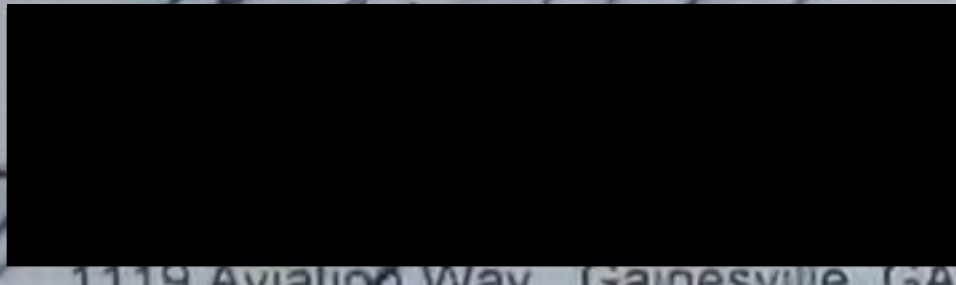
SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. DRAINED OIL. CHECKED AND REPLACED OIL
FILTER - NO METAL NOTED. OIL SAMPLE TAKEN. CLEANED AND GAPPED SPARK PLUGS. REPLACED ONE SPARK PLUG
P/N RHB-37E. SERVICED WITH AEROSHELL 15W50 FILTER OIL. WASHED ENGINE, RAN ENGINE - ALL CHECKS
NORMAL. NO OIL LEAKS NOTED. REPLACED ENGINE INLET FILTER. REINSTALLED #5 TOP IGNITION LEAD SPRING.
REPAIRED RIGHT EXHAUST HEAT SHIELD AND SECOND TWO CLAMPS. RETORQUED OIL PAN HARDWARE. REPOSITIONED
TIT PROBE WIRE TO PREVENT CHAFING. RETORQUED ROCKER BOX SCREWS. REATTACHED COWLING SEAL. INSTALLED
MISSING NUT ON VACUUM PAD. LUBRICATED TURBO CONTROLS. INSPECTED EXHAUST SYSTEM. CLEANED FUEL
INJECTORS. TIMED MAG'S. PERFORMED COMPRESSION CHECK: #1 72/80 #2 72/80 #3 68/80 #4 74/80 #5 69/80 #6
72/80. I CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL
INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

MAINTENANCE RELEASE.
THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED
IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR
RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#8095 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF
THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

NC.

DLK  2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
LOG ID# 10218 13-March-2008 WO# 8134
N543GS S/N 32R-7887124 PIPER PA32RT-300T
TACH 179.8
AVIATION, INC.

INC.

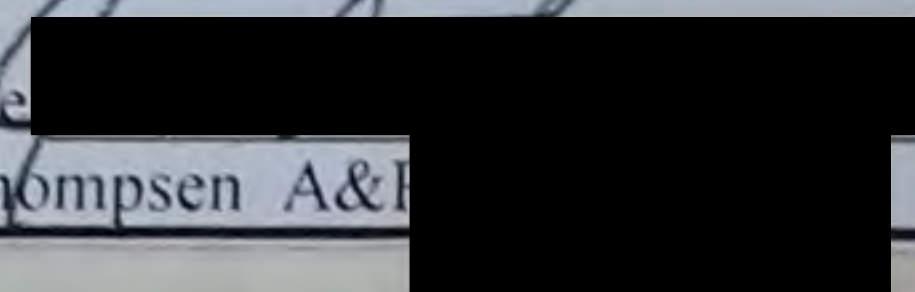
ENGINE	Registration #	Work Order #	Hobbs	Tach	AFTT	TTE	TSOH												
	N543GS	90148	815.30	183.90	2705.00		1178.50												
1. Performed an Annual Inspection in accordance with FAR 43 Appendix D. 2. Cleaned, inspected, gapped, rotated, reinstalled spark plugs. Cleaned leads with acetone. 3. Performed compression check: <table border="1"> <thead> <tr> <th>#1</th> <th>#2</th> <th>#3</th> <th>#4</th> <th>#5</th> <th>#6</th> </tr> </thead> <tbody> <tr> <td>70/80</td> <td>66/80</td> <td>72/80</td> <td>72/80</td> <td>72/80</td> <td>72/80</td> </tr> </tbody> </table> 4. Drained oil. Removed oil filter. Cut open filter and inspected for contaminants. Found aluminum shavings in oil filter. Inspected oil filter and oil screen per Lycoming Service Instruction 1492D (1) 1 - 7. 8. c. Changed oil filter and cleaned suction screen. Refilled oil. Recheck oil filter, screen, and change oil at 194.0 per service instructions. Oil Filter Installed: AA48103 Quantity Oil: 12 quarts Oil: Aeroshell 15/50 Oil 5. Lubricated turbo to throttle cable control with mousemilk. 6. Installed new lead ignition spring tips on #2 and #3 cylinders. 7. Removed dual magneto. Installed new capacitors PN AB-382681 SN 0838A and SN 0821A. Installed overhauled magneto P/N 10-682560-13 S/N G08BA020R using new gasket and lock washers. Timed to 20 degrees BTDC. Researched new and recurring Airworthiness Directives using Avantext. Complied with ADs listed below. Avantext Rev # 2009-11 1. AD 91-21-01 R1 Engine Exhaust System. Performed visual inspection. No faults noted. Next due 283.9. 2. AD 2008-14-07 Fuel Injection Line Inspection. Performed visual inspection. No defects noted. Next due at 283.9 *****END***** I certify that this engine has been inspected in accordance with an Annual Inspection per FAA regulations and applicable maintenance manuals. Details of work performed are on file under work order referenced above. This engine is approved for return to service with respect to work performed.  abAviation LLC  1119 Aviation Way Gainesville, GA 30501  17-Jul-2009 Date								#1	#2	#3	#4	#5	#6	70/80	66/80	72/80	72/80	72/80	72/80
#1	#2	#3	#4	#5	#6														
70/80	66/80	72/80	72/80	72/80	72/80														

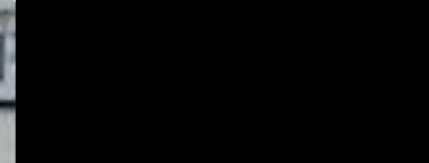
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5/2/11	105.8			I certify that this engine has been inspected with the <u>annual aircraft inspection</u> and is considered to be in airworthy condition. Compression checked: 74, 74, 74, 74, 74, 74 on cylinders #1 thru #6. Sparkplugs cleaned and gapped. Oil and filter changed. Rotary fuel pump replaced with overhauled unit. RD. note 2003-14-03 due at 235.2 hrs. New fuel installed for vacuum pump and fuel pump. Ground gear check completed. No leaks noted. at 01 [REDACTED] IA

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.)
2012				
6/14/12	200.4			I certify that this engine has been inspected with the <u>manual</u> aircraft inspection and is considered to be in airworthy condition. Compression checked: 73% 74% 74% 70% 74% 74% on cylinders #1 thru #6 Spark plugs cleaned and gapped, one replaced with new. Oil and Filter changed. 12 qts PennShell 15W50 serviced. Ground ops check completed. All systems normal. No leaks noted. [Signature] EA

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.)
3/14/2013	Tach 2081.0	SMO H 1202.1		ENGINE WAS RUNNING ROUGH WHEN LANDING. CHECKED TURBO CHARGER. REMOVED OIL FILTER & OPEN FILTER FOUND NO METAL. CHECKED MAGNETO SOUND OK. REMOVED & CLEANED FUEL INJECTORS. TEST RUN FOUND #1 CYLINDER RAN COLD AT HIGH R.P.M. REMOVED CYLINDER FOUND EX. GUIDE WORN OUT FAR BE ON LIMITS. INSTALLED NEW GUIDE. GROUND VALVES & SEATS HONED CYL. MEASURED LIMITS OF CYL. ALL WAS GOOD. CLEANED PISTON. MEASURED LIMITS. INSTALLED NEW RINGS ON PISTON. INSTALLED VALVES & PISTON IN CYLINDER AND INSTALLED IT ON ENGINE USING ALL NEW GASKETS & O-RINGS. INSTALLED NEW VACUUM PUMP ON ENGINE. TEST RUN LEAK CHECKED. AIRCRAFT THEN WAS FLOWN FOR 1.2 HRS. THEN RECHECKED NO LEAKS FOUND. [REDACTED] AT PEN

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.)
May 01	219.1	Hobs: 856.3	TSMO H: 1213.7	Completed 100 hr Annual inspection. IAW manufacturers maint. data and approved inspection guide. Completed Diff. Comp. test. #1 7/80 #2 7/80 #3 7/80 #4 7/80 #5 7/80 #6 7/80. Installed 12 new REM 37 E spark plugs. Checked magnetos to engine turning. ok. Pressure tested exhaust and turbo. Lubed controls and turbo w/ mowc milk. Drained oil. Cut and inspected oil filter. no defects noted. Serviced engine w/ new CH48103 oil filter and 12 Qts A.S. 15W50 oil. Complied w/ AD 80-17-10 by ops deck. ok. w. D. prior to every flight. C/W AD 91-21-01 R1 by dimensioned & visual insp. Next due Tach: 319.0 hrs. C/W AD 2011-26-04 by visual insp. ok. Next due May 2014 or Tach 319 hrs. See complete AD list in A/C records. Run up and leak check satisfactory.
				CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE AIRWORTHY THIS DATE. [REDACTED]
				MATTHEW J. PANTONE A&P [REDACTED]

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.)
				Reg# 543GS Make: Lycoming Model: T10-540-S1AD S/N: L-5528-61A LEADING EDGE AVIATION  South Valley Regional Airport 7365 S. 4450 W. W. Jordan, UT 84084 801-858-0042 W/O: 14-4279 Tach: 243.8 TTE: TSMOH: 1238.3 C/W 100 HR inspection LAW Piper PA32RT-300T Maintenance Manual & the Lycoming service manual and Single Engine Inspection Guide. Drain oil, change oil and filter, cut and inspected filter no defects found, serviced engine with 11 quarts A/S 15W50 oil. Performed differential compression test, as follows: 1 78/80 2 75/80 3 75/80 4 73/80 5 76/80 6 75/80. C/W AD95-26-13 Oil Cooler Hoses, by visual inspection no defects found, next inspection due @ 343.7. C/W AD 91-21-01-R1 by visual inspection LAW par 2 (I) (II), no defects note, next due @ 343.7. C/W AD 2011-26-04 by pressurization and inspection of the fuel injection lines, visual inspect lines and clamps LAW MSB 342F, no defects noted, next due @ 343.7. Repaired heat shield on top RH side of exhaust. Fabricated and installed a new manifold pressure line in engine compartment. Adjusted throttle for full travel. Installed a serviceable used oil pan on engine, PN - LW-14492. Completed new AD compliance log, all AD's current through this date, see AD list. Performed routine maintenance and servicing. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR inspection and found to be airworthy this date. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order. Date: July 15, 2014 Signature:  James Thompson A&P

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.)
19				Reg# 543GS Make: Lycoming Model: TIO-540-SIAD S/N: L-5528-61A LEADING EDGE AVIATION  South Valley Regional Airport 7365 S. 4450 W. W. Jordan, UT 84084 801-858-0042 W/O: 14-4441 Tach: 244.8
				Removed fuel injection nozzels, cleaned and reinstalled, run up and leak checked satisfactory
				The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.
				Date: August 8 2014 Signature:  Bruce Tanis A 

DATE	Reg# 5436S Make: Lycoming Model: TIO-540-S1AD S/N: L-5528-61A	LEADINGEDGE AVIATION South Valley Regional Airport 7365 S. 4450 W. W. Jordan, UT 84084 801-858-0042	W/O: 15-5004 Tach: 267.5 TTE: TSMOH: 1262.1
C/W 100 HR inspection IAW Piper PA32RT-300T Maintenance Manual & the Lycoming service manual and Single Engine Inspection Guide. Drain oil, change oil and filter, cut and inspected filter no defects found, serviced engine with 11 quarts A/S 15W50 oil. Performed differential compression test, as follows: 1 77/80 2 70/80 3 70/80 4 66/80 5 76/80 6 74/80. C/W AD95-26-13 Oil Cooler Hoses, by installing 2 new oil cooler hoses. Due again at 1267.5 tach time or at 4-2023. Para (a) due again at 367.5. C/W AD 91-21-01-R1 (Exhaust) by visual inspection IAW par 2 (I) (II), no defects note, next due @ 367.5. C/W AD 2011-26-04 by pressurization and inspection of the fuel injection lines, visual inspect lines and clamps IAW MSB 342F, no defects noted, next due @ 367.5. Repaired heat shield on top LH side of exhaust. Repaired 3 spark plug leads. Installed new LH side exhaust stacks. Completed new AD compliance log, all AD's current through this date, see AD list. Performed routine maintenance and servicing. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR inspection and found to be airworthy this date. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order. Date: April 17, 2015 Signature: [Redacted] James Thompson, AIC			

DATE	Make: Lycoming Eng Model: TIO-540-S1AD Eng S/N: L-5528-61A Reg# N 5436S	LEADINGEDGE AVIATION South Valley Regional Airport 7365 S. 4450 W. W. Jordan, UT 84084 801-858-0042	W/O: 15-5474 Tach: 302.9
Complied with 50 hr. oil and filter change, replaced oil filter with <u>CH48103-1</u>. Cut and inspected filter, no defects noted. Serviced engine with <u>11</u> qts. of <u>AS15W50</u>. Performed routines maintenance, run up, ops check leak check found satisfactory. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order. Date: October 21, 2015 Inspector: [Redacted]			

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.)
19__				
Reg# N543GS Make: Lycoming Model: TIO-540-S1AD S/N: L-5528-61A	LEADINGEDGE AVIATION South Valley Regional Airport 7365 S. 4450 W. W. Jordan, UT 84084 801-858-0042			W/O: 16-5902 Tach: 323.3 TTE: TSMOH: 1317.9
C/W 100 HR inspection IAW Piper PA32RT-300T Maintenance Manual & the Lycoming service manual and Single Engine Inspection Guide. Drain oil, change oil and filter, cut and inspected filter no defects found, serviced engine with 11 quarts A/S 15W50 oil. Performed differential compression test, as follows: 1 75/80 2 67/80 3 73/80 4 69/80 5 67/80 6 75/80. C/W AD95-26-13 Oil Cooler Hoses, by inspection as per para (a). Next due at 423.3. C/W AD 91-21-01-R1 (Exhaust) by visual inspection IAW par 2 (I) (II), no defects note, next due @ 423.3. C/W AD 2015-19-07 by pressurization and inspection of the fuel injection lines, visual inspection of all lines and clamps IAW MSB 342F, no defects noted, next due @ 423.3. Installed a new induction air filter element. PN BA-7. Completed new AD compliance log, all AD's current through this date, see AD list. Performed routine maintenance and servicing. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR inspection and found to be airworthy this date. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order. Date: May 24, 2016 Signature: [Redacted] James Thompson, AIC				
Reg# N543GS Make: Lycoming Model: TIO-540-S1AD S/N: L-5528-61A	LEADINGEDGE AVIATION South Valley Regional Airport 7365 S. 4450 W. W. Jordan, UT 84084 801-858-0042			W/O: 16-052 Tach: 364.9 TSMOH: 1359.5
Changed oil and oil filter. Serviced engine with 12 qts. AS-15W50 oil and a new CH48103-1 oil filter. Cut open old oil filter and checked for any metal. None found. Washed engine and test run engine. Checked for leaks. None found. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order. Date: August 16, 2016 Signature: [Redacted] Huy Bu, AIC				

DATE 19	REG T T	Reg# N543GS Make: Lycoming Model: TIO-540-S1AD S/N: L-5528-61A	Advantage Aviation South Valley Regional Airport 7220 S. 4450 W. W. Jordan, UT 84084 801-755-5398	W/O: 17-0332 Tach: 409.9 TSMOH: 1404.5
C/W 100 HR/Annual inspection IAW Piper PA32RT-300T Maintenance Manual & the Lycoming service manual and Single Engine Inspection Guide. Drain oil, change oil and filter, cut and inspected filter no defects found, serviced engine with 11 quarts A/S 15W50 oil and a CH48103-1 oil filter. Performed differential compression test, as follows: 1 76/80 2 65/80 3 75/80 4 68/80 5 73/80 6 72/80. CW AD95-26-13. Oil Cooler Hoses, by inspection as per para (a). Next due at 509.9. C/W AD 91-21-01-R1 (Exhaust) by visual inspection IAW par 2 (I) (II), no defects note, next due @ 509.9. C/W AD 2015-19-07 by pressurization and inspection of the fuel injection lines, visual inspection of all lines and clamps IAW MSB 342F, no defects noted, next due @ 509.9. Installed a new induction air filter element. PN- BA-7. Adjusted throttle to hit both stops. Performed 500 hour inspection on magneto. C/W AD 2005-12-06 (impulse couplings) on magneto. Due each 500 hours or again at 909.9 tach time. Removed waste gate and sent out for overhaul. Installed newly overhauled transition piece, PN - LW16858, SN - 174721 with new gaskets. Completed new AD compliance log, all AD's current through this date, see AD list. Performed routine maintenance and servicing. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR/Annual inspection and found to be airworthy this date.				
The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.				
Date: July 18, 2017			Signature: [Redacted] Huy Bu [Redacted]	

W/O # 12565	Details of this work order are on file at BAC				2301 University Dr. Bldg. 53 Bismarck, ND 58504	ENGINE ETT: 2948.7 TSMOH: 1422.2
Registration N543GS						
DATE 1/24/2018	MFG. PIPER	MODEL#: PA-32RT-300T	SERIAL#: 32R-7887124	TACH: 427.6	PTT: 2948.7	PSOH: 1160.3
1. Complied with 100 hour inspection items per FAR 43 Appendix D and the manufacturer's Maintenance Manual. 2. Checked for new or recurring Airworthiness Directives through this date. 3. Rigged wastegate control system IAW AMM. Performed adjustment of fuel system. 4. Rigged wastegate control cable and secured cable housing. 5. Performed compression check of all engine cylinders. #1-72/80, #2-72/80, #3-77/80, #4-68/80, #5-72/80, #6-76/80. 6. Changed engine oil and filter. Installed new Champion oil filter (P/N CH48103-1). Serviced engine with 11 quarts Aeroshell 15w50. Washed engine with solvent. Leak check OK. 7. Complied with Airworthiness Directive 2017-14-04 by inspecting oil cooler hose fire sleeve in accordance with paragraph (g) of AD. No defects noted. Due in 100 hours. 8. Complied with Airworthiness Directive 2017-16-11, inspection of connecting rods. N/A due to no engine work done during specified dates. 9. Complied with Airworthiness Directive 91-21-01 R1 C IAW SB 484, inspection of exhaust system. No defects noted. Due each 100 hours. 10. Complied with Airworthiness Directive 2015-19-07, inspection of fuel injector lines and clamps. No defects noted. Due each 110 hours. I certify this ENGINE/PROPELLER was inspected IAW a 100 HOUR INSPECTION and was determined to be in an AIRWORTHY condition. Howard Burns AP [Redacted] IA [Redacted]						

PIPER PA32RT-300T
TACH: 564.6
TOTAL AF: 3085.7

S/N: 32R-7887124

N543GS
DATE: 12/9/18

- 1) Replaced engine driven fuel pump. Overhauled P/N: RG9570P1/M, S/N: 92098.

I CERTIFY THIS AIRCRAFT WAS REPAIRED IN ACCORDANCE WITH PIPER SERVICE MANUAL 761-641 AND AC43.13-1B. AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.

LEIGH S. RODE
APR [REDACTED]

PIPER PA32RT-300T
TACH: 571.8
TOTAL AF: 3092.9

S/N: 32R-7887124

N543GS
DATE: 12/30/18

- 1) Troubleshoot aircraft charging system. Replaced alternator assembly. Old P/N: 4111810, S/N: A-87686. New Hartzell P/N: ES-4020, S/N: H-O110009.

I CERTIFY THIS AIRCRAFT WAS REPAIRED IN ACCORDANCE WITH PIPER SERVICE MANUAL 761-641 AND AC43.13-1B. AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.

LEIGH S. RODE
APR [REDACTED]

ALTERATIONS
NUMBER OF
ENTRIES.)

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.)
19__				

LYCOMING TIO-540-S1AD
TACH: 580.4
TOTAL AF: 3101.5

S/N: L-5528-61A
TSMOH: 1574.6

N543GS
DATE: 02/08/2019

Annual inspection complied with in accordance with 14 CFR 43 Appendix D and Piper Service Manual 761-641.
The following maintenance performed:

- 1) Changed oil and filter. Filter CH48103-1, oil Aeroshell 15W50.
- 2) Cleaned and rotated plugs
- 3) Checked mag timing
- 4) Compression check 1)75, 2)65, 3)72, 4)75, 5)68, 6)72
- 5) AD 91-21-01R1 C/W, exhaust system, no defects
- 6) AD 2015-19-07 C/W, fuel injection lines, no defects
- 7) AD 2017-14-04 C/W, oil cooler lines, no defects

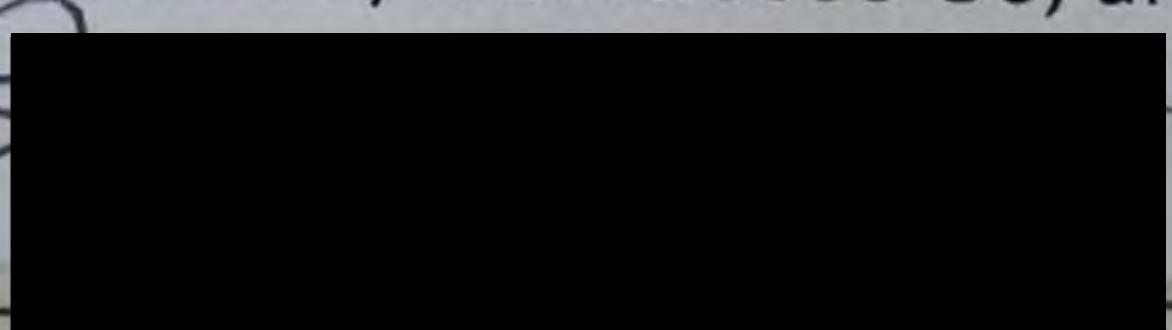
I CERTIFY THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND AIRWORTHY. AD'S THRU 2019-02 C/W. AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.

LEIGH S. RODE
APR [REDACTED]

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.)
3/24/19	TAC 622	3404	104	Changed oil AND Filter with Aeroshell 15W-50 and new filter CH48103-1, filter cut open, no metal noted - sample sent to Arlabs - results in maintenance folder. ^{Oil} Drain plug quick drain replaced, fuel tank left inboard quick drain replaced. No oil or fuel leaks found.

West Gate Aircraft Maintenance
9750 Aileron Av. Pensacola, FL.
850-453-4181

Date 12/12/2017 N543GS M/N: TIO-540-S1AD S/N: L-5528-61A ATT: _____ Tach: 635.5

1. Removed and replaced #2 cylinder P/N LW12966NI, intake pushrod P/N 15F28835-56, and pushrod tube P/N 72257. Test ran engine, no leaks noted. 

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.)
19__				

West Gate Aircraft Maintenance
9750 Aileron Av. Pensacola, FL
850-453-4181

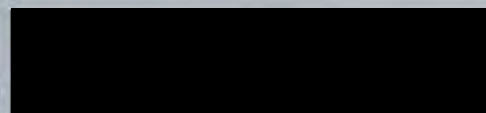
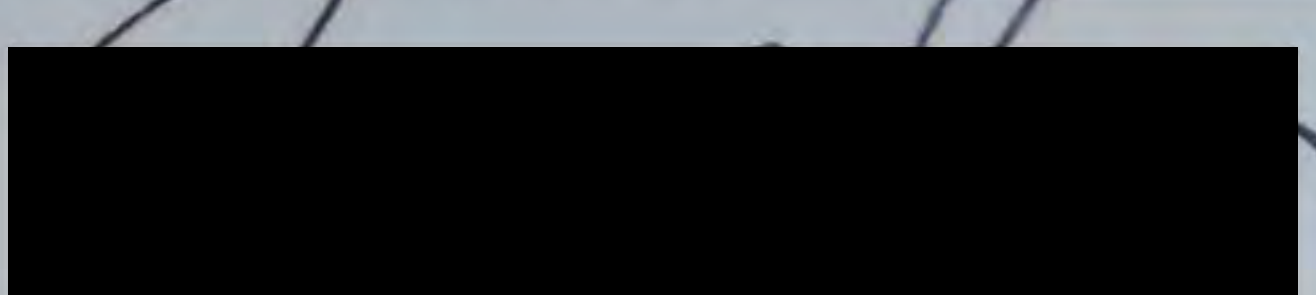
Date 09/11/2019 N543GS M/N: TIO-540-S1AD S/N: L-5528-61A HOBBS: 1338.7 Tach: 673.3
Discrepancy; Oil leak Around Prop, Loss of prop control, and engine running rough.

During troubleshooting found prop governor leaking and possible spark plugs needed cleaning and recapped.

Removed Prop governor p/n F-4-11B s/n 3284U and sent out for overhaul, installed governor after overhaul p/n F-4-11b S/N 3284/U in reference to Lycoming Maintenance manual.

Cleaned and gapped spark plugs per Lycoming Maintenance manual and re-installed same.

Completed engine run to check for proper operation of prop governor and engine roughness, found all systems operating per engine specs. Aircraft is airworthy.

James A Jones A/P IA 


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.)
19__				

12/06/2019 N543GS S/n 13024 Lycoming IO-540-AEE1A S/N L-34034-48E Hobbs 1376.0 Tach: 0709.7

Discrepancy;

Oil leak near prop, loss of prop control/engine running rough

Removed propeller to check all seals for leakage. Found sludge in crank tube covering "O" ring. Cleaned prop and replaced "O" ring and reinstalled propeller, torqued bolts and safety wired.

Removed Prop governor and replaced seal, and torqued nuts to proper torque.

Test flew air and not discrepancies noted, this time. Aircraft is ready for return to service.

James Jones A&P/IA

