N1649M - [illegible]

(#3) Class

#3

1998-2022

AIRCRAFT LOG

ASA-SA-2

Aircraft Record General Information

Manufacturer CESSA **Model** 182P 1976

Serial 18264402 **Registration Number** N1649M

Date of Manufacture

Engine(s) currently installed:

Manufacturer CONTINENTAL **Model** O-470S **Serial** 463897

Manufacturer **Model** **Serial**

Propeller(s) currently installed:

Manufacturer McCAULEY **Model** ~~2A34C203~~ D3A36C435-C

HUB Model ~~90C4-B~~ **Serial** ~~755633~~ **Serial** 150044

Blade Model K49119 **Serial** **Serial** **Serial**

Blade Model K49124 **Serial** **Serial** **Serial**

ROSS AVIATION Inc.,
5223 Bucktown Rd., Cambridge, MD 21613
Tel: 410 - 228 2061 Fax: 410 - 228 1490

Date: Oct-12-98 Aircraft: N1649M Cessna 182P S/N 182-64402
Current Tach Time: 868.9 hours. Airframe Total Time in Service: 3848.6 hours
Engine Time Since Major Overhaul: 292.1 hours. Engine: O-470-S, S/N 463897

Inspected and lubed aircraft iaw Cessna checklists. Serviced aircraft battery. Complied with following AD's :-

AD 87-20-03R2 of 09/24/90 (seat tracks) complied with by inspection, no defects found. *This AD next due in 100 hours @ 968.9 tach time.*

AD 86-24-07 of 01/07/87 (engine controls installation) complied with by verifying drilled bolt/castle nut/cotter pin installed iaw Cessna SE79-6.

AD 83-13-01 of 08/01/83 (fuel cap sealing) complied with by inspection, *this AD next due in 12 calender months.*

AD 79-25-07 of 12/13/79 (alternator ground) complied with by verifying installation of ground strap and alternator security.

AD 76-07-12 of 04/14/76 (Bendix switch) complied with by testing ignition switch iaw paragraph 1. *This AD next due in 100 hours @ 968.9 tach time.*

See complete "Avantext" AD listings with aircraft records.

continued

MD 21613
228 1490

P S/N 182-64402
Service: 3848.6 hours
e: O-470-S, S/N 463897

aircraft battery. Complied with

spection, no defects found. *This AD*

ed with by verifying drilled

inspection, *this AD next due in 12*

y verifying installation of ground

sting ignition switch iaw
ne.

/continued—

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
cont'd.				Inspected and ops-checked ELT iaw FAR 91.207(d), ELT battery due for replacement Jan 2001.
				Checked control cable tensions in accordance with Cessna Service Manual P/N D2068-1-13 as follows :-
				Elevator cables: 27 lbs tension. (All at 78 degrees F) Elevator trim cables: 14 lbs tension. Rudder cables: 28 lbs tension. Aileron cables: 42 lbs tension.
				Aircraft returned to service.
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A N ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE: 06-12-98 TACH TIME: 3868.9 SIGNED: Alan M Carter, 2515184-A&P/IA.

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
				N1649M 3/10/99
				SUPPLEMENTAL LOG BOOK ENTRY
				Strip and repaint by: Aircraft Refiishers,Ic. Cambridge Airport Cambridge, Md. 21613
				FAA Repair Station #FQCR115K
				By: James O. Naumann, Sr. #2446702
				570-535 White 63203U Blue 29198U Red

s, Tests, Repairs and Alterations
ame, Rating and Certificate Number of
ee back pages for other specific entries.)

hers,Ic.
rt
21613

Sr.

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
				N1649M 3/10/99
				SUPPLEMENTAL LOG BOOK ENTRY
				Remove control surfaces for strip and repaint. Check static balance as to Cessna Maintenance Manual # ACSB435 and re-installed.
				By: Aircraft Refinishers,Inc. Cambridge Airport Cambridge, Md. 21613
				FAA Repair Station #FQCR115K
				By: James O. Naumann, Sr. #2446702

Ross Aviation, Inc.
5223 Bucktown Rd., Cambridge, MD 21613
Tel: 410 – 228 2061 Fax: 410 – 228 1490 E-mail: rossav@shorenet.net

Date: Mar-29-99 Aircraft: N1649M Cessna C182P S/N: 182-64402
Current Tach Time: 898.5 hours. Airframe Total Time Service: 3878.2 hours.
Ref: 1649M_wo553

Installed Skybolt cowl kit (firewall only) under STC# SA3287SO. Weight and balance change negligible. Copy STC filed with aircraft records.

Removed existing (Cessna) sunvisors and installed 2 Rosen Sunvisors under STC# SA3693NM, weight & balance change negligible. Copy STC filed with aircraft records.

Filed 337 form with FAA FSDO #07 for the above installations.

Removed headliner ,treated minor corrosion inside cabin roof, and installed new cabin loudspeaker (1 each P/N C596504-0101). Installed new (stainless) ADF antenna from roof post to vertical fin. Re-installed headliner after cleaning and color-dyeing.

Continued

21613

ossav@shorenet.net

S/N: 182-64402

Service: 3878.2 hours.

Weight and balance change

ors under STC# SA3693NM,

ecords.

installed new cabin loudspeaker

a from roof post to vertical fin.

Continued

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 Technician or Repair Facility. (See back pages for other specific entries.)

Removed and replaced side and rear windows with new (1 each left rear window P/N LP-371 SG, 1 each right rear window P/N LP-372 SG, 1 each rear windshield P/N LP-397 SG, and 2 each door windows P/N LP-391 SG).

Removed all interior plastic trim, repaired or replaced as required and re-installed after color-dyeing.

Removed upholstery from interior sidepanels and recovered sidepanels with Airtex Products upholstery. (Colors: Newport 3038 and Buff 351A). Re-installed sidepanels.

Removed upholstery and foam from all seats, inspected and painted seat frames and recovered with Airtex Products materials. (Colors: Newport 3038 and Sapphire 353). Replaced carpet with Airtex Products carpeting.

Above upholstery materials are FAA PMA-approved and meet the requirements of FAR 25.853 (a) Amendment 25-72. See DER-signed Flammability Test reports filed with aircraft records.

Replaced cabin and baggage door seals with new seals.

Continued

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

Replaced left & right landing gear aluminum fairings with new (1 each P/N 0741639-5 and 1 each P/N 0741639-6). Replaced landing gear strut cuffs (total 4) with new. Replaced wing lift strut cuffs (total 4) with new.

Replaced O-ring seals in left brake calliper with new and ed left brake. Serviced aircraft battery, aircraft returned to service and is airworthy with respect i work perform d.

AMC

Alan M Carter, 2515184-A&P.

6-8-99 C-182 N1649M
Remove STEC 30ALT AP computer for Repair.
Ref. WO 3841 for details.

LANCASTER AVIONICS INC.
LANCASTER AIRPORT
LITITZ, PA 17543
DATE 6-8-99
CERTIFICATE NO. LN7R261N
SIGNED James Yood

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
				6-22-91 C-182 N1649M Tach: 943.8 Reinstalled factory repaired STEC 30 ALT Autopilot Computer, Ser No. 325. Ops check on ground OK. Details on file WO 3891
				LANCASTER AVIONICS INC. LANCASTER AIRPORT LITITZ, PA 17543 DATE 6-22-99 CERTIFICATE NO. [illegible] SIGNED [illegible]

Ross Aviation, Inc.

5223 Bucktown Rd., Cambridge, MD 21613

Tel: 410 – 228 2061 Fax: 410 – 228 1490 E-mail: rossav@shorenet.net

Date: Nov-9-99 Aircraft: N1649M Cessna C182P S/N: 182-64402

Current Tach Time: 990.3 hours. Airframe Total Time in Service: 3970.0 hours.

Ref: 1649M_wo688

Annual inspection completed this date using Cessna checklists. Aircraft lubricated and battery serviced. Complied with following AD's :-

AD **87-20-03R2** of 09/24/90 (seat tracks) complied with by inspection and measurement. Replaced (due to elongated holes) left outboard seat track with new (1 each P/N MC0710658-2) and installed new rollers on pilot's seat. *This AD next due in 100 hours @ 1090.3 tach time.*

AD **83-13-01** of 08/01/83 (fuel cap sealing) c/w by inspection, *this AD next due within 12 calender months, by end Nov'2000.*

AD **76-07-12** of 04/14/76 (Bendix switch) c/w by switch test iaw para. 1. No defects at this time, *this AD next due in 100 hours @ 1090.3 tach time.*

/ continued

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Desc Entries Techn
				Inspected and ops-checked ELT iaw FAR
				Serviced nose strut with Mil-5605 hydraul
				calliper O-ring with new (1 each P/N MS
				with new (2 each P/N 066-30026), bled ri
				aircraft, brake operation satisfactory.
				Aircraft returned to service.
				CERTIFY THAT THIS AIRCRAFT
				HAS BEEN INSPECTED IN ACCORDANCE
				A INSPEC
				AND WAS DETERMINED TO BE IN AIRWO
				CONDITION.
				DATE: Nov-9-99 TACH TIME: 99
				SIGNED:
				Alan M Carter, 2515184-A&P

MD 21613

il: rossav@shorenet.net

182P S/N: 182-64402

me in Service: 3970.0 hours.

Aircraft lubricated and battery

spection and measurement. Replaced

ch P/N MC0710658-2) and installed

090.3 tach time.

this AD next due within 12 calender

aw para. 1. No defects at this time, *this*

/ continued

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
				Inspected and ops-checked ELT iaw FAR 91.207(d), ELT battery due for replacement by Jan'2001.
				Serviced nose strut with Mil-5605 hydraulic fluid and nitrogen. Replaced (minor leak) right brake calliper O-ring with new (1 each P/N MS28775-224), replaced left & right outboard brake linings with new (2 each P/N 066-30026), bled right brake. Replaced all tires and tubes with new. Taxiied aircraft, brake operation satisfactory.
				Aircraft returned to service. Alan M Carter, 2515184-A&P.
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 91 ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE: Nov-9-99 TACH TIME: 990.3 SIGNED: Alan M Carter, 2515184-A&P IA

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
	02-04-00			C-182 N1649M
				REPAIRED SPA 400 WIRING. REPAIRED MK-12/D/CESSNA S/N 22337. REPLACED PILOTS PUSH TO TALK SWITCH. REPLACED BATTERY MASTER SOLENOID. UPDATED M/ S/N 21886 DATA BASE FOR DETAILS ON FILE
				REFER TO W.O. 4608
				LANCASTER AVIONICS INC LANCASTER AIRPORT LITITZ PA 17543 DATE 02-04-00 CERTIFICATE NO. LN7R261N SIGNED James Good
				TACH: 1022.2

NARCO AVIONICS INC.
SERVICE TAG
MODEL # MK120/D
S/N 22337
DATE 2-2-00
W.O.# 37308K
DETACH AND AFFIX TO LOGBOOK

ctions, Tests, Repairs and Alterations
with Name, Rating and Certificate Number of
ity. (See back pages for other specific entries.)

N1649m
d MK-12/0/CESSNA
w RH. REPLACED
M/ 5/W 21986
OR DETAILS ON FILE
/608
TACH: 1022.2
00

DATE 19	RECORDING TACH	TODAYS FLIGHT	TOTAL TIME IN	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of

Component inventory as of May-18-2000 @ 498.3 TSMOH and 4058.3 hours TTAF follows:

Component	P/N	S/N	Status.
Aircraft battery	**	G01736835	New, Jan-13-98
Propeller	2A34C203/90DCA-8	755633	423.1 hours since overhaul, Jan-29-97
Exhaust system	Muffler	**	600.9 hours since overhaul, July-26-95
Cylinders	**	various	498.3 hours since new, July-25-96
Starter	MCL6501	8L000001	498.3 hours since overhaul, July-25-96
Alternator	DOFF10300J	A993019	173.4 hours since overhaul, April-1-99
Left magneto	6310	96101920	720.4 hours since new
Right magneto	6310	96101837	720.4 hours since new

/ave.

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
/ combination				
Carburetor		10-4893-1	CL-0-2064	498.3 hours since overhaul, July-12-96
Governor		C290D3A/T1	752245	2,687.5 hours since overhaul, Feb-4-80
Vacuum pump		212CW	10AL 3274	498.3 hours since new, Aug-12-96

CRS OY1R391K

CAPITAL AVIATION
INSTRUMENTS & AVIONICS
10503 OBSERVATION ROAD
MANASSAS, VIRGINIA 20110-2004
703-369-0500

M/N: C-182P
A/C: N1649M
Tach: 1084.8
W/O: 3118
Date: 5-30-00

The Altimeter, Transponder, Static, and Altitude Reporting Systems have been tested as required by FAR's 91.411 and 91.413 and meet the requirements of FAR part 43 Appendix E and F.

Altimeter(s): tested to 20,000 **Ft**
Altimeter #1: P/N 5434PM-1 **S/N** 8E075
Altimeter #2: P/N — **S/N** —
Transponder #1: P/N AT150 **S/N** 35539
Transponder #2: P/N — **S/N** —
Data Correspondence was tested to 20,000 **Ft**

SIGNED _____ FOR CRS#OY1R391K

NARCO AVIONICS INC.
SERVICE TAG
MODEL # NCS 812
S/N 50354
DATE 01-04-01
W.O.# 3146M
DETACH AND AFFIX TO LOGBOOK

R

5223 Bucktow

Tel: 410 – 228 2061 Fax: 4

Date: Jan-6-2001 Aircraft: N

Current Tach Time: 1174.5 hours.

Ref: 1649M_wo847

Annual Inspection completed this date us
serviced (water only). *Pitot-static/transp*
batteries (6 each P/N MN1300), *these ba*
and ops-checked ELT iaw FAR 91.207(c
annual inspection.

AD **87-20-03R2** of 09/24/90 (seat tracks
observed. *This AD next due in 100 hours*
AD **83-13-01** of 08/01/83 (fuel cap sealin
within 12 calender months, by end Jan'2
AD **76-07-12** of 04/14/76 (Bendix switch
AD next due in 100 hours @ 4254.2 TTA

Tests, Repairs and Alterations
ne, Rating and Certificate Number of
back pages for other specific entries.)

ours since overhaul, July-12-96

hours since overhaul, Feb-4-80

ours since new, Aug-12-96

/N: C-182P
/C: N1649M
ach: 1084.8
/O: 3118
ate: 5-30-00

Systems have
eet the

Ft
075
539
Ft

FOR CRS#OY1R391K

NARCO AVIONICS INC.
SERVICE TAG
MODEL # NCS 812
S/N 50354
DATE 01-04-01
W.O.# 31146M
DETACH AND AFFIX
TO LOGBOOK

Ross Aviation, Inc.

5223 Bucktown Rd., Cambridge, MD 21613

Tel: 410 – 228 2061 Fax: 410 – 228 1490 E-mail: rossav@shorenet.net

Date: Jan-6-2001 Aircraft: N1649M Cessna C182P S/N: 182-64402
Current Tach Time: 1174.5 hours. Airframe Total Time in Service: 4154.2 hours.
Ref: 1649M_wo847

Annual Inspection completed this date using Cessna checklists. Aircraft lubricated and battery serviced (water only). *Pitot-static/transponder 24-month checks next due May'2002.* Replaced ELT batteries (6 each P/N MN1300), *these batteries next due for replacement January 2003.* Inspected and ops-checked ELT iaw FAR 91.207(d). Instrument air-filters Ok at this time, replace at next annual inspection.

AD **87-20-03R2** of 09/24/90 (seat tracks) complied with by inspection and measurement, no defects observed. *This AD next due in 100 hours @ 4254.2 TTAF.*

AD **83-13-01** of 08/01/83 (fuel cap sealing) c/w by inspection, no defects found. *This AD next due within 12 calender months, by end Jan'2002.*

AD **76-07-12** of 04/14/76 (Bendix switch) c/w by switch test iaw para. 1. No defects at this time, *this AD next due in 100 hours @ 4254.2 TTAF.*

/continued

Removed and re-installed #1 Navcomm after repair by Narco avionics, see attached release tag.

Replaced co-pilot's side window latch with new assembly (1 each kit P/N 0709114-2). Repaired cabin dome light switch.

Re-balanced all wheel assemblies. Serviced nose strut with Mil-5605 hydraulic fluid and nitrogen. Replaced brake linings with new (4 each P/N 066-10900). Taxiied aircraft, brake operation satisfactory.

Treated wings with "Corrosion-X" fluid. Cleaned battery-box drain line. Propeller governor overhauled and re-installed; carburetor repaired and re-installed; see engine logbook for details and release tags on these components. Aircraft returned to service and check-flown, performance satisfactory.

Alan M Carter, 2515184-A&P.

CERTIFY THAT THIS AIRCRAFT
HAS BEEN INSPECTED IN ACCORDANCE WITH
A 100 ANNUAL INSPECTION
AND WAS DETERMINED TO BE IN AIRWORTHY
CONDITION.
DATE: JAN-6-01 TACH TIME: 1174.5

SIGNED:
Alan M Carter, 2515184-A&P IA.

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

Ross Aviation, Inc.
5223 Bucktown Rd., Cambridge, MD 21613
Tel: 410 – 228 2061 Fax: 410 – 228 1490 E-mail: rossav@shorenet.net

Date: Mar-14-2001 Aircraft: N1649M Cessna C182P S/N: 182-64402
Current Tach Time: 1187.7 hours. Airframe Total Time in Service: 4167.4 hours.
Ref: 1649M_wo873

Replaced both magnetos (due to high time) with new, see engine logbook for release tags. Replaced vacuum pump with new pump P/N 1U128-006, S/N T36974H. Repaired primer line. Ground-run satisfactory, aircraft returned to service.

Alan M Carter, 2515184-A&P.

Date: June-14-2001 Aircraft: N1649M Cessna C182P S/N: 182-64402
Current Tach Time: 1234.8 hours. Airframe Total Time in Service: 4214.5 hours
Engine TSMOH: 658.0 hours. Engine S/N: 463897
Ref: 1649M_wo920

Replaced brake linings with new (4 each P/N 66-109). Replaced right landing light.

Alan M Carter, 2515184-A&P/IA.

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
				8-21-01 C-182 N1649M TACH: 1262.2
				Reinstall Repaired STEC 30ALT pitch computer
				P/N 01261-2-14 S/N 325A. Ran test and found to
				meet MFG PRE-FLIGHT SPECIFICATIONS.
				LANCASTER AVIONICS INC
				LANCASTER AIRPORT
				LITITZ, PA 17543
				DATE 8-21-01
				CERTIFICATE NO. LN7R261N
				SIGNED James Good
				Details on file w/o 6188

1649M

MAINTENANCE RELEASE

CONPONENT 30ALT SERIAL NO. 325A

PART/MODEL NO. 01261-2-14

☐ Overhaul ☐ Repair ☐ Inspected ☐ New

The aircraft appliance identified above was overhauled, repaired, functional tested or is new as per block above in accordance with current Federal Aviation. Administration Regulations and is approved for return to service. Details of this component are on file at this agency under

Work Order # 23593 Date 7-2-01

Authorized Signature K Pgnon

P/N 884C

Date: Feb-26-2002 Aircraft: N1

Current Tach Time: 1306.4 hours.

Engine TSMOH (6/25/96): 729.6 hours

Engine Time since teardown/repair (3/5/97)

Propeller TSPOH (1/29/97): 654.4 hours

Ref: 1649M_wo1028

Annual Inspection completed this date using

Pitot-static/transponder 24-month checks n

FAR 91.207(d), *ELT batteries due for repl*

AD **2000-06-01** of 5/5/2000 (fuel system) C

affected time frame, no further action requi

AD **87-20-03R2** of 09/24/90 (seat tracks) c

various loose roll-pins in pilot's seat mecha

this AD next due in 100 hours @ 4386.1 TT

AD **83-13-01** of 08/01/83 (fuel cap sealing)

cap gaskets (2 each P/N B100142-1. Replac

No other defects found, *this AD next due w*

Tests, Repairs and Alterations
me, Rating and Certificate Number of
e back pages for other specific entries.)

.2
mputer
Fand to
.
e w/o 6188

Date: Feb-26-2002 Aircraft: N1649M Cessna C182P S/N: 182-64402

Current Tach Time: 1306.4 hours. Airframe Total Time in Service: 4286.1 hours.

Engine TSMOH (6/25/96): 729.6 hours Engine S/N: 463897

Engine Time since teardown/repair (3/5/97): 654.4 hours

Propeller TSPOH (1/29/97): 654.4 hours Propeller S/N: 755633

Ref: 1649M_wo1028

Annual Inspection completed this date using Cessna checklist & Service Manual. Aircraft lubricated. *Pitot-static/transponder 24-month checks next due May 2002.* Inspected and ops-checked ELT iaw FAR 91.207(d), *ELT batteries due for replacement January 2003.*

AD **2000-06-01** of 5/5/2000 (fuel system) C/W by verifying no new standpipe installed during affected time frame, no further action required.

AD **87-20-03R2** of 09/24/90 (seat tracks) complied with by inspection and measurement. Secured various loose roll-pins in pilot's seat mechanism and cleaned seat rollers. No other defects found, *this AD next due in 100 hours @ 4386.1 TTAF.*

AD **83-13-01** of 08/01/83 (fuel cap sealing) c/w by inspection iaw para b). Replaced (cracked) fuel cap gaskets (2 each P/N B100142-1. Replaced (faded) fuel tank placards (2 each P/N 0705023-9). No other defects found, *this AD next due within 12 calendar months, by end Feb' 2003.*

AD **76-07-12** of 04/14/76 (Bendix switch) c/w by switch test iaw para. 1. No defects at this time, *this AD next due in 100 hours @ 4386.1 TTAF.*

See "Avantext" listings dated 2/25/2002 with aircraft records for status of remaining AD's.

Removed (erratic) tachometer and re-installed after overhaul by Century Instruments under WO#4596 of Feb/11/02, see form with aircraft records. *Tachometer hour-time unchanged.*

Serviced aircraft battery. Replaced instrument air-filter P/N B3-5-1. Serviced nose strut with 5606A fluid and nitrogen. Replaced (minor leaks) shimmy dampner seals and serviced shimmy dampner with 5606A fluid. Cleaned gascolator fuel screen and carburetor fuel screen. Replaced primer o-rings (2 each P/N M83248-012). Made minor repairs to (cracked) top engine cowl, front left fibreglass. Replaced (various worn) flap anti-chafe buttons P/N S1093-1. Repaired (no shut-off, broken weld) cabin heat valve by re-welding valve shaft to hinge. Replaced valve arm spring P/N 1253041-1. Replaced (cracked) co-pilot's kick-plate P/N 0713715-2. Replaced (worn) brake disks (2 each P/N 169-30440). Replaced (worn) right brake pressure plate (1 each P/N 063-30025) and all brake linings (4 each P/N 066-30026). Re-balanced main wheel assemblies. Fabricated replacement for (chafed) right brake line from 5052-3/16" tubing, bled right brake. Taxiied aircraft, brake operation satisfactory. Aircraft returned to service.

Alan M Carter, 2515184-A&P/IA.

. 1. No defects at this time, *this*

s of remaining AD's.

ry Instruments under

our-time unchanged.

Serviced nose strut with 5606A

l serviced shimmy dampner

screen. Replaced primer

op engine cowl, front left

3-1. Repaired (no shut-off,

placed valve arm spring P/N

Replaced (worn) brake disks

l each P/N 063-30025) and all

nblies. Fabricated

right brake. Taxiied aircraft,

arter, 2515184-A&P/IA.

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
				CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE: 05-26-2002 TACH TIME: 1306.4 SIGNED: Alan M Carter, 2515184-A&P IA.

CAPITAL AVIATION INST & AVIONICS 10503 Observation Rd Manassas, VA 20110 OY1R391K
LOG ID# 837 30-May-2002 WO# 8492 REF# 8492 CA 11 AC TT 1318.2
N1649M S/N 64402 CESSNA C182P TACH 1318.2

Pg 1 / 1

**** DESCRIPTION OF SERVICE WORK PERFORMED ****
THE ALTIMETER, TRANSPONDER, STATIC, AND ALTITUDE REPORTING SYSTEMS HAVE BEEN TESTED AS REQUIRED BY FAR S 91 411 AND 91.413 AND MEET THE REQUIREMENTS OF FAR PART 43 APPENDIX E AND F.
ALTIMETER(S): TESTED TO 20,000 FT
ALTIMETER #1: P/N 5934P-1A.83 S/N 8E075
TRANSPONDER #1: P/N AT150 S/N 35539
DATA CORRESPONDENCE WAS TESTED TO 20,000 FT

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE 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 THE ABOVE WORK ORDER.

CRS# OY1R391K

Ross Aviation, Inc.
5223 Bucktown Rd., Cambridge, MD 21613
Tel: 410 – 228 2061 Fax: 410 – 228 1490

Date: Jan-23-2003 Aircraft: N1649M Cessna C182P S/N: 182-64402
Current Tach Time: 1357.5 hours. Airframe Total Time in Service: 4337.2 hours.
Engine TSMOH (6/25/96): 780.7 hours Engine S/N: 463897
Engine Time since teardown/repair (3/5/97): 705.5 hours
Propeller TSPOH (1/29/97): 705.5 hours Propeller S/N: 755633
Ref: 1649M_wo1228,1229

Annual Inspection completed this date using Cessna checklist & Service Manual through current revisions. Aircraft lubricated. *Pitot-static/transponder 24-month checks current.* Replaced ELT batteries, inspected and ops-checked ELT iaw FAR 91.207(d), *ELT batteries next due for replacement January 2005.*

AD **87-20-03R2** of 09/24/90 (seat tracks) complied with by inspection and measurement, no defects found, *this AD next due in 100 hours @ 4437.2 TTAF.*

AD **83-13-01** of 08/01/83 (fuel cap sealing) c/w by inspection iaw para b). No defects found, *this AD next due within 12 calendar months, by end Jan' 2004.*

AD **76-07-12** of 04/14/76 (Bendix switch) c/w by switch test iaw para. 1. No defects at this time, *this AD next due in 100 hours @ 4437.2 TTAF.*

See "Tdata" listings with aircraft records for status of remaining AD's.

Replaced (minor wrinkles) forward belly skin w
right tunnel supports with new supports. Replac
fittings with new fittings. Replaced nose strut a
penetrant inspection). Disassembled and NDT-
precaution) nose wheel assembly, nose tire and
with FAA FSDO #07 for pertinent part number

Replaced (due to age) aircraft battery with new
instrument air-filter P/N B3-5-1. Inspected gas
clean. Replaced brake hoses at pilot's brake cy

Aircraft check-flown, performance and rigging

CERTIFY THAT THIS AIRCRAFT
HAS BEEN INSPECTED IN ACCORDANCE WI
A ANNUAL INSPECTIO
AND WAS DETERMINED TO BE IN AIRWORTH
CONDITION.
DATE: JAN-23-2003 TACH TIME: 1357.
SIGNED:
Alan M Carter, 2515184 A&P

) 21613
. 1490

2P S/N: 182-64402
in Service: 4337.2 hours.

3

Service Manual through current
checks current. Replaced ELT
LT batteries next due for

ction and measurement, no defects

w para b). No defects found, *this*

v para. 1. No defects at this time, *this*

g AD's.

Replaced (minor wrinkles) forward belly skin with new skin. Replaced (minor wrinkles) left and right tunnel supports with new supports. Replaced (as a precaution) all firewall-to-tunnel attach fittings with new fittings. Replaced nose strut attach fittings (lower fitting found cracked under dye-penetrant inspection). Disassembled and NDT-inspected nose strut, no defects found. Replaced (as a precaution) nose wheel assembly, nose tire and tube. See 337-Form, dated Jan/21/2003 and filed with FAA FSDO #07 for pertinent part numbers and reference data.

Replaced (due to age) aircraft battery with new battery P/N G35, S/N G02034377. Replaced instrument air-filter P/N B3-5-1. Inspected gascolator fuel screen and carburetor fuel screens, found clean. Replaced brake hoses at pilot's brake cylinders, bled brakes.

Aircraft check-flown, performance and rigging satisfactory, returned to service.

Alan M Carter, 2515184-A&P/IA.

CERTIFY THAT THIS AIRCRAFT
HAS BEEN INSPECTED IN ACCORDANCE WITH
A ANNUAL INSPECTION
AND WAS DETERMINED TO BE IN AIRWORTHY
CONDITION.
DATE: JAN-23-2003 TACH TIME: 1357.3

SIGNED:
Alan M Carter, 2515184-A&P IA

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
				CAPITAL AVIATION INST & AVIONICS 10501 Observation Rd Manassas, VA 20110 OY1R391K LOG ID# 1600 20-June-2003 WO# 11831 REF# 11831 CA 11 AC TT 1376.6 N1649M S/N 18264402 CESSNA 182P TACH 1376.6 Pg 1 of 1
				Removed XM Stormscope system. Display p/n 78-3041-7319-3, and antenna p/n 78-3041-7905-5. Installed XM Stormscope System: Display p/n 805-10930-001 and antenna p/n 805-10930-001. System tested and found to function as intended. Weight & Balance revised to reflect this change. Troubleshoot back course problem to intermittent back course relays. Customer defered repair until after date.
				THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE 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 THE ABOVE WORK ORDER.
				[illegible] LICENSE NUMBER
				CAPITAL AVIATION INST & AVIONICS 10501 Observation Rd Manassas, VA 20110 OY1R391K LOG ID# [illegible] 30-June-2003 WO# 11831 REF# 11831 CA 11 N1649M S/N [illegible] CESSNA 182P TACH 1385.8 Pg 1 of 1
				[illegible] Installed Garmin [illegible] [illegible] System tested and found to function as intended. [illegible]
				THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE 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 THE ABOVE WORK ORDER.
				[illegible]

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspec** Entries must be endorsed Technician or Repair Facil

Ross Aviation, Inc

5223 Bucktown Rd., Cambridge

Tel: 410 – 228 2061 Fax: 41

Date: July-31-2003 Aircraft: N1649M Cessna

Current Tach Time: 1402.2 hours. Airframe Total T

Propeller Time Since Overhaul:(7/29/2003): 0.0 hours

Ref: 1649M_wo1323

Removed (due to calendar time) propeller for routine overhau 7/29/2003, see release tag at front of prop logbook.

Propeller re-installed iaw Cessna Service Manual thru current data & placards. Ground-run and leak-check satisfactory, che

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

Ross Aviation, Inc.
5223 Bucktown Rd., Cambridge, MD 21613
Tel: 410 – 228 2061 Fax: 410 – 228 1490

Date: July-31-2003 Aircraft: N1649M Cessna C182P S/N: 182-64402
Current Tach Time: 1402.2 hours. Airframe Total Time in Service: 4381.9 hours.
Propeller Time Since Overhaul:(7/29/2003): 0.0 hours Propeller S/N: 755633
Ref: 1649M_wo1323

Removed (due to calendar time) propeller for routine overhaul by E.C.P.S under WO# ER-4032 of 7/29/2003, see release tag at front of prop logbook.

Propeller re-installed iaw Cessna Service Manual thru current revisions, and pertinent McCauley data & placards. Ground-run and leak-check satisfactory, check-flight and max RPM satisfactory.
Alan M Carter, 2515184-A&P/IA.

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
2-5-04.	AIRCRAFT IS NOT RELOCATE DUE TO WEATHER. APPROVED FOR 'FERRY FLIGHT' TO GGE, DAYTIME VFR NON-STOP ONLY. A/C IS SAFE TO MAKE THIS FLIGHT.			5 DAYS OUT OF ANNUAL [COULD]
				2515784A&P
2-5-04	TAA THO	PERMIT FOR DATE.		ABOVE FLIGHT RECORD BY IAX

Ross Aviation, Inc.
5223 Bucktown Rd., Cambridge, MD 21613
Tel: 410 – 228 2061 Fax: 410 – 228 1490

Date: Mar-5-2004 Aircraft: N1649M Cessna C182P S/N: 182-64402
Current Tach Time: 1436.0 hours. Airframe Total Time in Service: 4415.7 hours.
Ref: 1649M_wo1428

Annual Inspection completed this date. Aircraft lubricated. Inspected and ops-checked ELT iaw FAR 91.207(d), *ELT batteries (type Duracells) next due for replacement January 2005.*

AD **87-20-03R2** of 09/24/90 (seat tracks) complied with by inspection and measurement. Replaced several (loose) roll pins in front seat assemblies. *This AD next due in 100 hours @ 4515.7 TTAF, or in 12 months, whichever soonest.*

AD **83-13-01** of 08/01/83 (fuel cap sealing) c/w by inspection iaw para b). No defects found, *this AD next due within 12 calendar months, by end March 2005.*

AD **76-07-12** of 04/14/76 (Bendix switch) c/w by switch test iaw para. 1. No defects at this time, *this AD next due in 100 hours @ 4515.7 TTAF.*

See "Tdata" listings with aircraft records for status of remaining AD's.

Cleaned battery terminals. Replaced alternator output circuit breaker, bus bar modified to accommodate new breaker iaw **SK150-46D.** Replaced (cracked insulation) ground power relay P/N S1660A1. 8130-3 forms on file with aircraft records.

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

Replaced instrument air-filter P/N B3-5-1. Inspected gascolator fuel screen and carburetor fuel screens, found clean. Replaced (flat-spotted) left main tire and tube, re-balanced left wheel assembly. Serviced nose strut with 5606A fluid and nitrogen.

Replaced (flame cones blown out) exhaust muffler with new (Wall Colmonoy) muffler P/N CEM2002, S/N I8821-0005. Replaced (due to age, muffler end flanges eroded) left and right exhaust stacks with new (Knisley) stacks (2 each P/N K0750161-67A, S/N's 129937/P38746 and 129938/P38745). Exhaust system re-installed using all new clamps, gaskets and attach hardware.

Aircraft returned to service and check-flown, performance satisfactory.

Alan M Carter, 2515184-A&P/IA.

CERTIFY THAT THIS AIRCRAFT
HAS BEEN INSPECTED IN ACCORDANCE WITH
A N ANNUAL INSPECTION
AND WAS DETERMINED TO BE IN AIRWORTHY
CONDITION.
DATE: MAR-5-2004 TACH TIME: 1436.0

SIGNED:
Alan M Carter, 2515184-A&P IA.

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Insp** Entries must be endorsed Technician or Repair Fac

CAPITAL AVIATION INST & AVIONICS [illegible] MANASSAS [illegible]
LOG ID# [illegible] 23 May-2004 A/C# [illegible]
N1649M S/N 64402 CESSNA C182P TACH [illegible]

[illegible]
DISCREPANC [illegible]
ACTION [illegible]
NEW [illegible]
THE ALTIMETER [illegible]
[illegible]
[illegible] AND [illegible]
ALTIMETER [illegible]
ALTIMETER [illegible]
TRANSPONDER [illegible]
DATA [illegible]

THE AIRCRAFT [illegible]
[illegible]
[illegible]
[illegible]

Tests, Repairs and Alterations
me, Rating and Certificate Number of
e back pages for other specific entries.)

creen and carburetor fuel
e-balanced left wheel

olmonoy) muffler
langes eroded) left and right
A, S/N's 129937/P38746 and
gaskets and attach hardware.

ry.
Carter, 2515184-A&P/IA.

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

CAPITAL AVIATION INST. & AVIONICS 10660 AVIATION LANE MANASSAS VA 20110 OY1R391K
LOG ID# 2268 28-May-2004 WO# 152431 REF# 15213 CA 11
N1649M S/N 64402 CESSNA C182P TACH 11621

Pg 1 / 1

ITEM # 15243-1 91.411-413 FLT IN 2 UNIT
DISCREPANCY: PERFORM 91.411-413 CERTIFICATION
ACTION: NOTED OPEN STATIC SYSTEM. TRACED TROUBLE TO FAILED STATIC DUMP P/N 01253-1. REPLACE WITH NEW UNIT. STATIC SYSTEM TESTED OK.
THE ALTIMETER, TRANSPONDER, STATIC AND ALTITUDE REPORTING SYSTEMS HAVE BEEN TESTED AS REQUIRED BY FAR 91
91.411 AND 91.413 AND MEET THE REQUIREMENTS OF FAR PART 43 APPENDIX E AND F.
ALTIMETER-STATIC TESTED TO 20,000 FT
ALTIMETER #1 P/N 5934P-LA 31 S/N 4607
TRANSPONDER #1 P/N AT 150 S/N 15539
DATA CORRESPONDENCE WAS TESTED TO 20,000 FT

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE HAS 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 THE ABOVE WORK ORDER.

CRS OY1R391K

Date: April-27-2005 Aircraft: N1649M Cessna C182P S/N: 182-64402
Current Tach Time: 1548.5 hours. Airframe Total Time in Service: 4528.2 hours.

Annual Inspection completed this date. Replaced ELT batteries, inspected and ops-checked ELT iaw FAR 91.207(d), *ELT batteries (type Duracells) next due for replacement April 2007.* Serviced aircraft battery.

AD **87-20-03R2** of 09/24/90 (seat tracks) complied with by inspection and measurement, no defects found. *This AD next due in 100 hours @ 4628.2 TTAF, or in 12 months, whichever soonest.*

AD **83-13-01** of 08/01/83 (fuel cap sealing) c/w by inspection iaw para b). No defects found, *this AD next due within 12 calendar months, by end April 2006.*

AD **76-07-12** of 04/14/76 (Bendix switch) c/w by switch test iaw para. 1. No defects at this time, *this AD next due in 100 hours @ 4628.2 TTAF.*

See "Tdata" listings with aircraft records for status of remaining AD's.

Cleaned battery terminals. Replaced (flat-spotted) right main tire and tube, re-balanced left wheel assembly. Serviced nose strut with 5606A fluid and nitrogen. Aircraft returned to service.

Alan M Carter, 2515184-A&P/IA.

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Des Entr Tech
				C HA A ANI CO DAT
				SIG Alan

AIRCRAFT TESTED AS REQUIRED BY FAR 91.4
43, APPENDIX "E".
1. STATIC SYSTEM: PER PARAGRAPH (a)
2. LH ALTIMETER: PARA. (b) TO 20
3. RH ALTIMETER: PARA. (b) TO —
4. INTEGRATED MODE "C" SYSTEM PER PARAGR
PERFORMED ITEM(S) 1 2 4 NO 1
SIGNED DATE
AERO AVIONICS, INC. RALEIGH, NC CR

I CERTIFY TH
REQUIRED BY
AND FOUND TO
#1 MAKE
#2 MAKE
DATE 3-2-0
SIGNED
AERO AVIONICS

2P S/N: 182-64402
e in Service: 4528.2 hours.

nspected and ops-checked ELT iaw
acement April 2007. Serviced

ection and measurement, no defects
months, whichever soonest.

w para b). No defects found, *this AD*

w para. 1. No defects at this time, *this*

AD's.

e and tube, re-balanced left wheel
ircraft returned to service.
n M Carter, 2515184-A&P/IA.

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
				CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE: 4-27-05 TACH TIME: 1548.5 SIGNED: Alan M Carter, 2515184-A&P IA

AIRCRAFT TESTED AS REQUIRED BY FAR 91.411, I.A.W. FAR 43, APPENDIX "E".
1. STATIC SYSTEM: PER PARAGRAPH (a)
2. LH ALTIMETER: PARA. (b) TO 20K FT S/N 8E075
3. RH ALTIMETER: PARA. (b) TO — FT S/N —
4. INTEGRATED MODE "C" SYSTEM PER PARAGRAPH (c)
PERFORMED ITEM(S) # 1, 2, 4 WO # 12620
SIGNED M O'Donnell DATE 3-2-06
AERO AVIONICS, INC. RALEIGH, NC CRS# A8XR424J

I CERTIFY THAT THE ATC TRANSPONDER TEST REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH FAR 43, APPENDIX F.
#1 MAKE ARCO MODEL AT- S/N 21139
#2 MAKE — MODEL — S/N —
DATE 3-2-06 W.O.# 12620
SIGNED M O'Donnell for
AERO AVIONICS, INC. CRS# A8XR424J

Date: April-17-2006 Aircraft: N1649M Cessna C182P S/N: 182-64402
Current Tach Time: 1698.0 hours. Airframe Total Time in Service: 4677.7 hours.

Annual Inspection completed this date. Aircraft lubricated. *Inspected* and ops-checked ELT iaw FAR 91.207(d), *ELT batteries next due for replacement April 2007.* 24-month IFR-certification pcw 3-2-06 ref previous log entry, *next compliance due by end March 2008.*

AD **87-20-03R2** of 09/24/90 (seat tracks) complied with by inspection and measurement, no defects found. *This AD next due in 100 hours @ 4777.7 TTAF, or in 12 months, whichever soonest.*

AD **83-13-01** of 08/01/83 (fuel cap sealing) c/w by inspection iaw para b). No defects found, *this AD next due within 12 calendar months, by end April 2007.*

AD **76-07-12** of 04/14/76 (Bendix switch) c/w by switch test iaw para. 1. No defects at this time, *this AD next due in 100 hours @ 4777.7 TTAF.*

See "TData" listings with aircraft records for status of remaining AD's.

Cleaned battery terminals, serviced aircraft battery. Replaced left brake linings (2 each P/N 066-30026). Relamped both landing lights (2 each GE4509). Replaced several flap button plugs P/N S1093-1. Aircraft returned to service.

Alan M Carter, 2515184-A&P/IA.

S/N: 182-64402
Service: 4677.7 hours.

d and ops-checked ELT iaw
24-month IFR-certification pcw
98.

on and measurement, no defects
ths, whichever soonest.

ara b). No defects found, *this AD*

ara. 1. No defects at this time, *this*

AD's.

brake linings (2 each P/N 066-
several flap button plugs P/N

M Carter, 2515184-A&P/IA.

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
				I CERTIFY THAT THIS AIRCRAFT
				HAS BEEN INSPECTED IN ACCORDANCE WITH AN
				ANNUAL INSPECTION AND WAS
				DETERMINED TO BE IN AIRWORTHY CONDITION.
				DATE: 4-17-06 HOBBS TIME: 1696.0
				SIGNED: AMC
				Alan M Carter 2515184 A&P/IA

CAPITAL AVIATION INST & AVIONICS 10660 AVIATION LANE MANASSAS VA 20110 OY1R391K
LOG ID# 1911 21-August-2006 WO# 23/15/1 CA 11
N1649M S/N 64402 CESSNA C18/P TACH 1745.5

Pg 1 / 1

[illegible] REPLACE CABLE BETWEEN 430&396
DISCREPANCY [illegible] REPLACE CABLE BETWEEN 430&396.
[illegible] NO EARLIER
ACTION [illegible] DESCRIPTION OF SERVICE WORK PERFORMED
REMOVED [illegible] WIRING AND INSTALLED NEW HARNESS. OPS CHECKED OK.

[illegible] REPLACE PILOT SIDE PTT
DISCREPANCY [illegible] REPLACE PILOT SIDE PTT
ACTION [illegible] DESCRIPTION OF SERVICE WORK PERFORMED
REMOVED [illegible] SWITCH. OPS CHECKED OK.

THE AIRCRAFT, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND IS RETURNED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS AIRWORTHY. [illegible] SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE WORK ORDER.

SIGNATURE [illegible]

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
Aug 30, 2007	tach 1866.9			Installed over Land Stall
Warning Switch from Preferred Airparts Ser no. 91260				
James L Holly A&P 1706509				

CAPITAL AVIATION INST & AVIONICS 10660 AVIATION LANE MANASSAS, VA 20110 OY1R.191K

LOG [illegible] November 2007 WO# 75171 CA 11

N[illegible] [illegible] CESSNA C152P TACH 1396.8

Pg 1 1

[illegible]

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE HAS BEEN REPAIRED AND TESTED 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 THE ABOVE WORK ORDER

[illegible]

[illegible] Manager

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	De En Te

CAPITAL AVIATION INST & AVIONICS [illegible]

[illegible]

N[illegible] [illegible] CESSNA C152P [illegible]

[illegible]

ests, Repairs and Alterations
Rating and Certificate Number of
ck pages for other specific entries.)

Laurie Stall
Ir Ser no. 91260
A&P 1704509

Y1R391K

Pg 1 1

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

CAPITAL AVIATION INST. & AVIONICS 10660 AVIATION LANE MANASSAS VA 20110 OY1R391K
LOG D4 [illegible] 10-March-2008 WO# 29490 CA 11
N1149M S/N 51402 CESSNA C182P TACH 19119

Pg 1 1

[illegible] in accordance with [illegible]
[illegible] most recent [illegible]

[illegible] removing alternate static valve. Removed valve assemb'y and replaced worn O [illegible]

[illegible] static leak test [illegible]

THE [illegible] TRANSPONDER, STATIC, AND ALTITUDE REPORTING SYSTEMS HAVE BEEN TESTED AS REQUIRED [illegible] AND MEET THE REQUIREMENTS OF FAR PART 43 APPENDIX E AND F.
[illegible] TESTED TO [illegible] FT
[illegible] S/N D24P-1A 33 S/N [illegible]
[illegible] S/N [illegible] S/N [illegible]
[illegible] S/N [illegible] S/N [illegible]
[illegible] TRANSPONDER WAS TESTED TO [illegible] FT

THE [illegible] AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED [illegible] IN ACCORDANCE WITH [illegible] APPROVED REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS [illegible] PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR [illegible]

DATE	RECORDING	TODAYS	TOTAL	

Date: May-1-2008 Aircraft: N1649M Cessna C182P S/N: 182-64402
Current Tach Time: 1930.8 hours. Airframe Total Time in Service: 4910.5 hours.

Annual Inspection completed this date. Aircraft lubricated.

Inspected and ops-checked ELT iaw FAR 91.207(d).

AD **87-20-03R2** of 09/24/90 (seat tracks) complied with by inspection and measurement, no defects found. *This AD next due in 100 hours @ 5010.5 TTAF, or within 12 months, whichever soonest.*

AD **83-13-01** of 08/01/83 (fuel cap sealing) c/w by inspection iaw para b). No defects found, *this AD next due within 12 calendar months, by end May 2009.*

AD **76-07-12** of 04/14/76 (Bendix switch) c/w by switch test iaw para. 1. No defects at this time, *this AD next due in 100 hours @ 5010.5 TTAF.*

See "TData" listings with aircraft records for status of remaining AD's.

Replaced right main tire and tube. Serviced nose strut and both brake cylinders with 5606A fluid.

Aircraft returned to service.

Alan M Carter, 2515184-A&P/IA.

S/N: 182-64402
e: 4910.5 hours.

measurement, no defects
s, *whichever soonest.*

No defects found, *this AD*

No defects at this time, *this*

inders with 5606A fluid.

er, 2515184-A&P/IA.

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
				I CERTIFY THAT THIS AIRCRAFT
				HAS BEEN INSPECTED IN ACCORDANCE WITH AN
				ANNUAL INSPECTION AND WAS
				DETERMINED TO BE IN AIRWORTHY CONDITION.
				DATE: 5-1-2008 ~~HOBBS~~ TACH TIME: 1930.8
				SIGNED:
				Alan M. Carter, 2515184-A&P/IA
12-6-2008.		REPLACED AIRCRAFT BATTERY WITH NEW. P/N CB-35A,		
TACH	2003.3	S/N 40278429. 2515184 A&P.		
	2138.4			

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

CAPITAL AVIATION INST. & AVIONICS 10660 AVIATION LANE MANASSAS, VA 20110 OY1R391K
LOG ID# 6498 11-January-2010 WO# 35688 CA 11
N1649M S/N 64402 CESSNA C182P TACH 2101.5 Pg 1 / 1

Confirmed pitch computer inputs good but unit fails to engage. Removed pitch computer Part#: 01261-2-14 Serial#: 325A for factory service.
Reinstalled pitch computer after repair, self test passed and unit engages the pitch servo

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE 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 THE ABOVE WORK ORDER.

CRS OY1R391K JAMES R. GILDEA

Dec 24, 2010 Tach 2204.6 Oil Change Removed 1 Qt
Exxon Shell w 80, Replaced, oil filter CH 48109
Mike Hodge A+P 2126666656

June-17-2011 **N1649M, Cessna 182P** **Aircraft S/N: 64402**

Tach Time: 2249.9 hours

Airframe TT: 5229.6 hours

Annual Inspection completed this date iaw current Cessna data. Inspected and ops-checked ELT iaw FAR 91.207(d), ELT batteries (Duracells) expire 9/2012. Replaced aircraft battery. Replaced right outboard brake lining, nose tire and nose tire tube.

AD 2011-10-09 of 06/17/2011 (Standard Practices Structures) c/w by inspection and measurement. *This AD next due in 100 hours or 12 months whichever occurs first.* (This AD supersedes previous **87-20-03R2** "seat tracks").

AD 2008-26-10 of 1/5/2009 (alternate static air) is n/a per date of selector valve installation (original).

AD 2008-02-18 of 2/28/2008 (pickup collar support) is n/a, this equipment is not installed.

AD 83-13-01 of 08/01/83 (fuel cap sealing) c/w by inspection iaw para (b), no defects found, *this AD next due in 12 calendar months by end June 2012.*

AD 76-07-12 of 04/14/1976 (Bendix switch) c/w by switch test iaw para 1, do defects observed, *this AD next due in 100 hours @ 5329.6 TTAF.*

See airframe logs and master AD compliance report for status of older airframe and accessory AD's. Owner advises 24 month IFR recert was recently c/w.

A.M Carter 2515184-A&P/IA

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
				I CERTIFY THAT THIS AIRCRAFT
				HAS BEEN INSPECTED IN ACCORDANCE WITH AN
				ANNUAL INSPECTION AND WAS
				DETERMINED TO BE IN AIRWORTHY CONDITION.
				DATE: 6-17-2011 ~~HOBBS~~ TACH TIME: 1249.9
				SIGNED:
				Alan M. Carter, 2515184-A&P/IA

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Descri Entries Technici
				CAPITAL AVIATION INST & AVIONICS 10660 AVIATION LAN
				LOG D# 7140 29-October-2010 WO# 39063
				N1649M S/N 54402 CESSNA C182P TACH 2188
				[illegible]
				THE ALTIMETER, TRANSPONDER [illegible]
				ALTIMETER [illegible]
				ALTIMETER [illegible]
				TRANSPONDER [illegible]
				DATA CORRESPONDENCE [illegible]
				[illegible]
				Replaced fuse and function tested OK
				THE [illegible]
				[illegible]
				[illegible]

Repairs and Alterations
g and Certificate Number of
ges for other specific entries.)

FI

DANCE WITH A
TION AND WAS
CONDITION.
E: 2249.9

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

CAPITAL AVIATION INST. & AVIONICS 10660 AVIATION LANE MANASSAS, VA 20110 OY1R391K
LOG ID# 7140 29-October-2010 WO# 39083 CA 11
N1649M S/N 64402 CESSNA C182P TACH 2188.8

Pg 1 / 1

Troubleshot static leak to loose fitting between VSI and altimeter. Found VSI sticks and reads low. Replaced VSI P/N 7000 S/N B3458 with P/N 7000-C32 S/N 38113. Secured loose fitting and retested, static leak test passed and VSI functions as intended.

THE ALTIMETER, TRANSPONDER, STATIC, AND ALTITUDE REPORTING SYSTEMS HAVE BEEN TESTED AS REQUIRED BY FAR'S 91.411 AND 91.413 AND MEET THE REQUIREMENTS OF FAR PART 43 APPENDIX E AND F.
ALTIMETER(S): TESTED TO 20,000 FT
ALTIMETER #1: P/N 5934P S/N 8E075
ALT. ENC. #1: P/N A-30 S/N 22067
TRANSPONDER #1: P/N AT 150 S/N 35539
DATA CORRESPONDENCE WAS TESTED TO 20,000 FT

Confirmed clock inoperative, no power to clock. Troubleshot to blown clock fuse at aircraft battery.
Replaced fuse and functon tested clock.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE 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 THE ABOVE WORK ORDER.

CRS OY1R391K LESLIE TOUART

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
29 DEC 11				REMOVED AND REPLACED ALTERNATOR BELT - SHIMMY DAMPNER
				REMOVED DISASSY & CLEANED - REPLACED SEALS, SUC'D & RE-INSTALLED -
				LUBED CABIN HEAT VALVE CABLE & RIGGED - HEAT EXCHANGER
				CLAMP FOR CARB HEAT REPAIRED & RE-INST. - REMOVED AND
				REPLACED MUFFLER - INSTALLED MICROCRAFT MUFFLER # CEM0002
				S/N 1P263-0001 WITH NEW EXH GASKETS AND HWD. AS NEEDED -
				SUC'D TIRES
				TACH 2285.08
				Ad P 114-42-7782

PENN AVIONICS, INC. 1200 Ward Ave West Chester, PA 19380 VFAR714K
LOG ID# 5254 21-February-2012 WO# 16260/1 AC TT 2283.4
N1649M S/N 18264482 CESSBA 182P
Pg 1/1

**** ITEM # 16260-1 A/P pitch inop ****
DISCREPANCY: A/P pitch inop
Model: Sys 30 Alt Part#: 01261-2-14 Serial#: 325A
ACTION: Using STEC breakout test set, verify wiring in aircraft. Remove computer for bench check. Unit checks inop on bench tester. Placard panel "pitch inop" Sent out unit for repair. Upon receipt of repaired unit, reinstalled in customers aircraft, removed inop placard, ramp checked ok.

APIA 245377342

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Des- Entre Techi

Clinton
1050
Clin
(3

4 September 2012 N
Teledyne Continental Engine O-470S, S/N 463897
470S2B, S/N 1006677 – Installed new TCM Rebuil
following work done in conjunction with engine char
shock mount bolts installed – New carburetor to gas
– Installed new Cessna engine baffling as needed t
minor repairs to engine baffling as needed and insta
alternator belt, crankcase breather hoses and carb
rebuilt engine – New McCauley prop governor mode
I751708 Vacuum pump assy – Overhauled alternato
Aerotech under W.O. #105705 dated 5/22/12, see F
Propeller – Reinstall previously installed Airwolf oil f
restrictor fitting and reducer at engine – Installed Ne

Tach: 2308.53

Aircraft Total Time: 5288.23

Engine Total Time: 0.0

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

Clinton Aero Maintenance
10501 Piscataway Rd
Clinton, MD 20735
(310)-297-7808

4 September 2012 ***N1649M*** **S/N: 18264402**

Teledyne Continental Engine O-470S, S/N 463897 removed on 27 June 2012 for factory rebuilt engine O-470S2B, S/N 1006677 – Installed new TCM Rebuilt engine model O-470S2B, S/N 1006677 this date – The following work done in conjunction with engine change – New engine shock mounts, bonding straps and engine shock mount bolts installed – New carburetor to gascolator hose and oil pressure hose firewall to engine installed – Installed new Cessna engine baffling as needed to accommodate new larger non-congealing oil cooler – made minor repairs to engine baffling as needed and installed new engine baffling material as required – Installed new alternator belt, crankcase breather hoses and carb heat aeroduct – The following accessories also installed with rebuilt engine – New McCauley prop governor model C290D3J/T1, S/N 752245 – New Tempest AA3216CW, S/N I751708 Vacuum pump assy – Overhauled alternator (Ford) model DOFF10300JR-OA-E, S/N 215075 by Aerotech under W.O. #105705 dated 5/22/12, see FAA form 8130-3 – New McCauley 2A34C203-C, S/N 110282 Propeller – Reinstall previously installed Airwolf oil filter assy kit with new seals – Installed new oil pressure restrictor fitting and reducer at engine – Installed New SVS V Shuttle valve assy.

Tach : 2308.53

Aircraft Total Time: 5288.23

Engine Total Time: 0.0

Daniel P. Fragassi

A&P 114-42-7782

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

Clinton Aero Maintenance
10501 Piscataway Rd
Clinton, MD 20735
(310)-297-7808

4 September 2012 ***N1649M*** **S/N: 18264402**

Aircraft lubricated – New air filter element installed – Replaced vac. Regulator filter and central vac. Filter – Removed and charged acft battery – Repaired battery box lid and cleaned and painted battery box as needed – Reinstalled battery – Replaced baggage door placard – R.H. inbd seat belt for rear seat re-webbed, see FAA 8130-3, dated June 19, 2012 – Seat belt re-webbed by C&M Marine Aviation Services, Inc. under W.O. N36487 and reinstalled – Rear seat and copilots seat loose upholstery re-glued as needed – Pilots RT rudder pedal torque tube bearing block assy replaced – Re-glued loose carpet pilots and copilots rudder bar metal covers – Repaired cracks center console plastic cover – All wheel bearings cleaned, inspected and repacked, serviced tires – Repaired cracks all wheel pants and painted – Nose wheel pant top metal cover at strut replaced – Replaced brake fairings both MLG – Fabricated S/M doubler and repaired LT gear leg strut cover – Replaced rivnut RT upper gear leg fairing at fuselage – Replaced both upper MLG strut fairings at fuselage – RT gear strut metal bracket lower repaired and reinstalled – all gear fairings primed and painted – Gascolator serviced and seals in gascolator replaced and fuel selector drained – Inspect and op's checked ELT installation IAW FAR 91.207d ck'd satisfactory, battery due change (30 September 2012) – Fresh air duct L/H wing root replaced – Painted and installed 2 ea. Aileron bellcrank plug buttons – Replaced all flap chafe buttons – Removed and replaced both wing tips and painted – Replaced all wing strut cuff fairings and painted – Tail stinger repaired, painted and reinstalled – metal fairing aft of nose gear strut repaired crack with sheet metal doubler and reinstalled – Stripped paint both engine cowls – Fiberglass repaired lower cowl nose bowl section and replaced metal stiffener lower cowl nose bowl and repaired metal stiffener top cowl nose bowl area – Replaced loose rivets lower cowl inlet area – Install Sheet metal doubler lower cowl inlet duct lower at airbox flange – Installed new seals and expander boot carburetor inlet flange assy – LT cowl flap hinge assy replaced – Removed corrosion lower cowl inside.

(Continued Next Page)

, Tests, Repairs and Alterations
me, Rating and Certificate Number of
e back pages for other specific entries.)

S/N: 18264402

lator filter and central vac. Filter –
d and painted battery box as needed –
lt for rear seat re-webbed, see FAA
tion Services, Inc. under W.O. N36487
s needed – Pilots RT rudder pedal torque
ots rudder bar metal covers – Repaired
ed and repacked, serviced tires –
l cover at strut replaced – Replaced
eg strut cover – Replaced rivnut RT
gs at fuselage – RT gear strut metal
ed – Gascolator serviced and seals in
ELT installation IAW FAR 91.207d ck'd
H wing root replaced – Painted and
ttons – Removed and replaced both wing
stinger repaired, painted and reinstalled
ler and reinstalled – Stripped paint both
laced metal stiffener lower cowl nose
se rivets lower cowl inlet area – Install
d new seals and expander boot
ed corrosion lower cowl inside.

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

(Continued From Previous Page)

4 September 2012 ***N1649M*** **S/N: 18264402**

Primed and painted both engine cowls – Replaced cowl fasteners as needed and replaced (1) lower RH cowl fastener receptacle - C/W AD 2011-10-09 Seat and seat rails per para 1-10 ck'd satisfactory (recurring each Annual or 100 hours) – C/W AD 76-07-12 Bendix ignition switch by op's ck'd satisfactory (recurring each 100 hours) – C/W AD 79-25-07 Alternator ground strap (reinstall with new engine) – C/W AD 83-13-01 Leaking fuel caps, fabricated and installed placard and inspect per para a 1&3, satisfactory (recurring, due each Annual) – C/W AD 08-10-02 Alternate static air source by inspection, checked satisfactory (port not covered by placard) C/W SVS V standby vac. sys. ICA Shuttle valve 3.3.2.1 per para A&B, satisfactory (recurring, due every other year) – C/W SVS V 3.3.1.1 ICA per para A,B,C, checked satisfactory (recurring, due each Annual) – aircraft weighed, Weight & Balance and Equipment list updated – Made up form 337's for Brackett ~~aero~~ air filter assy installation and Insight GEM 602-6 installation.

(Continued Next Page)

Tach : 2308.53

Aircraft Total Time: 5288.23

Daniel P. Fragassi

A&P 114-42-7782

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	ns, Tests, Repairs and Alterations Name, Rating and Certificate Number of See back pages for other specific entries.)
	Date 4 SEP 2012 I certify that this aircraft engine has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition total time 5288.23 tach time 2308.53 IA 14-42 7782			
4 SEPT 2012	GARMEN GNS430W and GA35 GPS ANTENNA INSPECT'D IAW INSTRUCTI FOR CONTINUED AIRWORTHINESS DOCUMENT NUMBER 190-00356-65 REV A, CK'D SATISFACTORY - BRACKET AERO FILTER ASSY and ELEMENT INSPEC IAW I-194 DOCUMENT, CHECK'D SATISFACTORY - INSIGHT GEM602-6 INSPECT'D IA INSIGHT CORPORATION INSTRUCTIONS FOR CONTINUED AIRWORTHINESS GRAPHIC ENGINE MONITOR, DATED APRIL 13, 2011, CHECK'D SATISFACTORY TACH: 2308.53 ACFT TOTAL TIME: 5288.23			A&P 151-40-2806

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

AL AVIATION INST. & AVIONICS 10660 AVIATION LANE MANASSAS, VA 20110 OY1R391K
8706 09-October-2012 WO# 45164 CA 11
S/N 64402 CESSNA C182P TACH 2317.9

Pg 1 / 1

VOR INDICATOR 2-3 DEGREES LOW. ADJUSTED VOR SETTING ON #1 NAV/COM RADIO. NO FURTHER
FOUND

ALTIMETER, TRANSPONDER, STATIC, AND ALTITUDE REPORTING SYSTEMS HAVE BEEN TESTED AS REQUIRED
FAR § 91.411 AND 91.413 AND MEET THE REQUIREMENTS OF FAR PART 43 APPENDIX E AND F.
TESTED TO 20,000 FT
P/N 5934P S/N 8E075
P/N A-30 S/N 22067
P/N AT 165 S/N 110503
CORRESPONDENCE WAS TESTED TO 20,000 FT

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE 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 THE ABOVE WORK ORDER.

CRS OY1R391K LESLIE TOUART

4 MAY 2013 - REPLACED RT. MAIN WHEEL PANT TIRE SERVICING DOOR & PAINTED AS NEEDED - REPLACED EXTERNAL POWER RECEPTICLE ACCESS DOOR & PAINTED.

TACH 2343.3

ADP 114-42-7282

DATE 19____ 2013	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 Technician or Repair Facility. (See back pages for other specific entries.)
3 OCT 13				AIRCRAFT LUBRICATED - SVC'D GASCOLATOR - AIR FILTER ELEMENT REPLACED - SVC'D ACFT. BATTERY - REPLACED SPONGE VAC. FILTER - REPLACED ELT BATTERIES INSPT & TESTED ELT SYS IAW FAR 91.207d (CK'D SATS) BATTERIES DUE CHANGE DEC 2018 - ALL WHEEL BEARINGS CLEANED & REPACKED - SVC'D TIRES REPLACED (4) LOOSE RIVETS LOWER COWL - VERTICAL CARD COMPASS MOUNT REPLACED REMOVED SOME FILIFORM CORROSION SPOTS ON A/C BELLY & PRIMED AND PAINTED AS REQ. - FABRICATED REPAIR DOUBLERS & INST'D BALLAST COMP'T BULKHEAD LOWER CORNERS - REPLACED (1) SEAT ROLLER HOUSING PILOTS SEAT - REPLACED SCAT HOSE MUFFLER TO CABIN HEAT DUCT - C/W AD 2011-10-0 SEAT & SEAT RAILS PER PARA. 1-10 CK'D SATIS. RECURRING EACH 100 HRS OR ANNUAL - C/W AD 83-13-01 LEAKING FUEL CAPS PER PAR. (b)(1) CK'D SATIS. - RECURRING DUE EACH ANNUAL - C/W AD 76-07-12 BENDIX IGNITION SWITCH BY OP'S CK (SATIS.) RECURRING EACH 100 HRS - C/W ICA GNS-430W DOC # 190-00356-65 REV A (NO DEFECTS NOTED) C/W ICA SVS V IAW 3.3.1.1 PARA A, B, C (ANNUAL REQ. ONLY) TACH 2354.85

IA 114-42-7782

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspe** Entries must be endorsed Technician or Repair Fac
	Date 3 OCT 13 I certify that this aircraft ~~engine~~ has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition Total time 5334.55 tach time 2354.85 IA 114-42-7782			

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
	Date 3 OCT 13			
	I certify that this aircraft ~~engine~~			
	has been inspected in accordance with a			
	ANNUAL inspection and was determined			
	to be in airworthy condition			
	total time 5334.55 tach time 2354.85			
	IA 114-42-7782			

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 Technician or Repair Facility. (*See* back pages for other specific entries)
				N1649M - Cessna 182P S/N18264402 Removed nose gear due to leak. Disassembled and inspected and replaced packing as Per Cessna over haul manual. Reservice with Mil H-5606 and pressurized to 65 PSI. No leaks found. Re-installed, fuctional check ok.. A/C TT: 5384.2 Tach: 2394.3 3/5/2014 D. R. Giallourakis 262625890 A&P/ IA

sts, Repairs and Alterations
Rating and Certificate Number of
ck pages for other specific entries.)

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
				3/24/14 N1649M C-182 S/N 1826440 Tach: 2410.99..... Installed placards and ID tag as per STC2000CE and STCSE1997CE for use of unleaded auto fuel. D.R. Giallourakis IA 262625890

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

3/24/14 N1649M C-182P S/N 18264402
Tach:2410.99.....
Replace voltage regulator due to fluctuating voltage. Removed old unit, S/N unknown and installed new unit with Electrodelta , P/N VR600, S/N 5121171.
System checks ok.
D.R. Giallourakis
A&P 262625890

4/10/2014 N1649M TACH: 2422.55 18264402
Replace broken Whelen Strobe light on left wing tip.
Installed new shrader valve on nose strut due to leaking air. Service with 65 psi. air. Aircraft returned to service.
D.R. Giallourakis 262625890 A&P

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Descrip Entries Technician

Date: 8/17/2014 Aircraft # N1649M
Tach: 2481.2 Total Time: 5462

Removed factory installed mixture control. Installed MC checked ok. Returned to service.

Prepared By: Dan Giallourakis

Certification #262625890 IA

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

Date: 8/17/2014	Aircraft # N1649M	Serial # 18264402
Tach: 2481.2	Total Time: 5460.86	SMOH:

Removed factory installed mixture control. Installed MC Series 600 Vernier mixture control. Ground ran and checked ok. Returned to service.

Prepared By: Dan Giallourakis

Certification #262625890 IA

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
10-17-2014	Tach	2526.7		Replaced Lt and Rt main tires 2ea 600x6. Replaced Lt & Rt main inbd & Outbd bearings 4ea. 29749 and 4ea. bearing cups LM 29710.
				David L [illegible] A&P 3546386IA
				-END-

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 Technician or Repair Facility. (*See* back pages for other specific entries.)
				10/23/2014 Tach 2535 5514.7 TT S/N 18264402 I certify that this aircraft has been inspected for Annual Inspection IAW AC 43:13 appendix D and Cessna 182 maintenance manual and found to be in an airworthy condition. 1. Replaced aft Nav light bulb. 2. Tightened hose clamp left wing root. Fuel bladder. 3. Replaced vac filters. 4. Replaced Engine airfilter. 5. Lubed right door latch to free operation. 6. ELT checked IAW FAR 91.207d. Batt due 2018 7. CW AD 2011-10-09 Seat rails. Due 2635 or Oct/2015 8. CW 84-10-01 Fuel cell bladder quick drains. Due 2635 or Oct/2015 9. CW 83-13-01 Leaking fuel caps. Due 2635 or Oct/2015 10. 76-07-12 Ignition switch. Due 2635 or Oct/2015 11. CW SVS shutttle valve check due Oct/2015 AD's current through T data 2014-20 Ryland Roetman IA 2708504

DATE 19____	RECORD TACH TIME

D & D AVIONICS SERVICES, INC.

Date 12/12/14 A/C CE182P S/N 18264402 N 1649M

A/C TT 2562.0 WO # 36826

FAR 91 411

I certify that the altimeter and altitude reporting equipment tests and inspections required by FAR 91 411 have been performed as per FAR 43 (b) (c) The static system was tested on 12/12/14 as per FAR 43 Appendix E (a). The automatic pressure reporting system was tested on 12/12/14.

#1 ALT P/N 5534PM-1 S/N 88075 tested to 20,000 ft.

#2 ALT P/N — S/N — tested to — ft.

FAR 91 413

I certify that the ATC transponder test and inspection required by FAR 91 413 Appendix F have been performed on 12/12/14 The integrated system test and inspection was performed on 12/12/14.

#1 Transponder Model AT165 S/N: 110503

#2 Transponder Model — S/N —

I have found this aircraft airworthy with respect to the work performed and approved for return to service.

Technician

FAA Repair Station # DXDR595X

ests, Repairs and Alterations

), Rating and Certificate Number of

ack pages for other specific entries.)

Lowe Aviat

Macon

Aircraft Registration	N1649M
Model	182P
Serial Number	18264402

Replaced nose tire 505C66-5 and tube

This work has been inspected and foun

the work performed. This aircraft is retu

under Lowe Aviation Co. work order # 1

ests, Repairs and Alterations

, Rating and Certificate Number of
ack pages for other specific entries.)

/649M

ests and
s per FAR
er FAR 43
as tested

0,000 ft.

— ft.

red by FAR
A The
2/12/14.

03

k performed

Technician
DXDR595X

Lowe Aviation Company

Macon, Georgia

Aircraft Registration	N1649M	Date	12/4/2014
Model	182P	Work Order	13809
Serial Number	18264402	Tach	2558

Replaced nose tire 505C66-5 and tube 092-308-0.
This work has been inspected and found to be airworthy with respect to the work performed. This aircraft is returned to service. Details are on file under Lowe Aviation Co. work order # 13809.

Paul R. Meyers
FAA Repair Station ETER699D

Tests, Repairs and Alterations

ne, Rating and Certificate Number of
back pages for other specific entries.)

Iterations
lumber of
fic entries.)

Date: 02/14/2015	Aircraft # N1649M	Serial # 18264402
Tach: 2594	Total Time:	SMOH:

Drained oil, refilled with 11 Qts. AeroShell w100 plus one pint Camguard. Opened filter and found no abnormal particles. Lubed tach drive cable. Cleaned cowling. Ground ran, no leaks. Aircraft retruned to service. No further entries.

Prepared By:Dan Giallourakis

Certification #1974666IA

DATE

19___

and Alterations

tificate Number of

er specific entries.)

Lowe Aviation Company

Macon, Georgia

Aircraft Registration	N1649M	**Date**	3/26/2015
Model	182P	**Work Order**	13906
Serial Number	18264402	**Tach**	2596

Removed audio panel, ADF, transponder and intercom. Swapped positions of the GNS430W and Narco Nav Comm.

Installed PMA8000BT Audio Panel S/N CBT3472 and GTX330ES Transponder S/N 84148808.

This work has been inspected and found to be airworthy with respect to the work performed. This aircraft is returned to service. Details are on file under Lowe Aviation Co. work order # 13906.

William T. Wilbourne

FAA Repair Station ETER699D

2665

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

Precision Avionics Specialists 207 Barry Whatley Way Griffin, GA 30224 PAOR-392K
LOG ID# 1748 23-September-2015 WO# 10355
N1649M S/N 18264402 CESSNA 182P

Pg 1 1

INSTALLED A GARMINGTN-750 GPS/COM/NAV SYSTEM IAW STC SA02019SE-D. ALTITUDE INFORMATION IS PROVIDED BY THE ACK 30 ENCODER. THIS SYSTEM IS COMPATIBLE WILL ALL OTHER AIRCRAFT SYSTEMS. THIS INSTALLATION HAS BEEN EVALUATED IAW THE CRITERIA CONTAINED IN AC-20-138B. THIS INSTALLATION IS PER THE GARMIN INSTALLATION MANUAL P/N 190-01004-07 REVJ.ALSO INSTALLED A GARMIN GDL-88 ADSB TRANSCIEVERS. THIS SYSTEM IS COMPATIBLE WILL ALL OTHER AIRCRAFT SYSTEMS. THIS INSTALLATION HAS BEEN EVALUATED IAW THE CRITERIA CONTAINED IN AC-20-138B. THIS INSTALLATION IS PER THE GARMIN INSTALLATION MANUAL P/N 190-01122-00 REV H DATED DEC. 2014. INSTALLED A STEC SYSTEM 30 AUTOPILOT.THIS STC INVOLVES THE INSTALLATION OF AN S-TEC FLIGHT CONTROL SYSTEM (SYSTEM 30) AUTOPILOT.THE INSTALLATION INCLUDES: ROLL SERVO,PITCH SERVO,TRIM SERVO,PANEL MOUNTED COMPUTER,PANEL MOUNTED SWITCHES AND BREAKERS, AND BAROMETRIC PRESSURE TRANSDUCER.SERVO INSTALLATIONS UTILIZE ALUMINUM BRACKETRY TO SECURE THE SERVOS TO THE AIRFRAME. ATTACHMENT TO THE AIRCRAFT PRIMARY FLIGHT CONTROLS AND TRIM SYSTEMS IS ACCOMPLISHED THROUGH CABLE, PUSH-ROD, AND/OR CHAIN ASSEMBLIES. INSTALLATION DATA FOR ALL COMPONENTS LISTED IN THE STC ARE INCLUDED IN THE INSTALLATION BULLETIN 841. APPROVED INTERCONNECTIONS TO NAVIGATION SYSTEMS AND HEADING SYSTEMS ARE DETAILED IN THE BULLETIN AS WELL. UPDATED WEIGHT AND BALANCE.THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Scott Collins 9-23-15

PAOR-392K Scott Collins Date

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE

11/13/2015 Tach 2711 TTSN 5690.7 N16

1. Ad 76-07-12 Bendix Ignition Switch
2. AD 83-13-01 Leaking Fuel Caps. Ne
3. AD 20-11-09 Seat rail inspection. N
4. CW SVS shuttle valve check. Next d
5. Repaired left main landing fairings.
6. Installed STC Precise Flow Cabin Ve

AD's current through FAA.Gov 11/13/2

I certify that this airframe has been insp

~~D~~ of CFR 14 Part 43 and Cessna mainten

Airworthy Condition

Ryland Roetman

IA 2708504

ns, Tests, Repairs and Alterations
Name, Rating and Certificate Number of
See back pages for other specific entries.)

R-392K

Pg 1 1

. ALTITUDE INFORMATION IS
LL OTHER AIRCRAFT SYSTEMS.
N AC-20-138B. THIS
-07 REVJ.ALSO INSTALLED A
ALL OTHER AIRCRAFT SYSTEMS.
N AC-20-138B. THIS
-00 REV H DATED DEC. 2014.
LLATION OF AN S-TEC FLIGHT
: ROLL SERVO,PITCH SERVO,TRIM
, AND BAROMETRIC PRESSURE
URE THE SERVOS TO THE AIRFRAME.
TEMS IS ACCOMPLISHED THROUGH
ALL COMPONENTS LISTED IN THE
RCONNECTIONS TO NAVIGATION
.. UPDATED WEIGHT AND
APPLIANCE IDENTIFIED ABOVE #AC
F THE FEDERAL AVIATION
T DETAILS OF THE REPAIR ARE ON

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

11/13/2015 Tach 2711 TTSN 5690.7 N1649M S/N182 64402

1. Ad 76-07-12 Bendix Ignition Switch. Next Due Tach 2811 or 11/2016
2. AD 83-13-01 Leaking Fuel Caps. Next Due Tach 2811 or 11/2016
3. AD 20-11-09 Seat rail inspection. Next Due Tach 2811 or 11/2016
4. CW SVS shuttle valve check. Next due 11/2016
5. Repaired left main landing fairings.
6. Installed STC Precise Flow Cabin Vents IAW manufactures directions. See 337

AD's current through FAA.Gov 11/13/2015.

I certify that this airframe has been inspected on 11/13/2015 IAW the scope and detail of ~~Appendix D~~ 91 of CFR 14 Part 43 and Cessna maintenance manual for Annual Inspection and found to be in an Airworthy Condition.

Ryland Roetman
IA 2708504

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

Date: 01/26/2016 **Hours**: Hobbs:01.4 Prop:0.0SFN **Tail**: N1649M

Make: Cessna **Model**: 182P **S/N**: 182-64402

Name: Dan Giallourakis **Cert**: 1974666 IA

Co: DGW Aircraft Service LLC **Signed**:

Removed McCauley Prop 2A34C203-C, S/N 110282 and installed factory new McCauley prop, Model #D3A36C435-A, S/N150044, IAW McCauley STC SA00819CH. Updated W&B. Ground ran to check limits. Aircraft returned to service.

DATE	RECORDING TACH	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

01/03/2017 Tach 110.5 TTSN 5803.2 N1649M S/N182 64402

1. Ad 76-07-12 Bendix Ignition Switch. Next Due Tach 2811 or 11/2016
2. AD 83-13-01 Leaking Fuel Caps. Next Due Tach 210.5 or 01/2018
3. AD 20-11-09 Seat rail inspection. Next Due Tach 210.5 or 01/2018
4. CW SVS shuttle valve check. Next due 01/2018
5. Replaced left maim tire and tube. Installed Goodyear Flight Custom 3 6X6 6ply and Airstop 6X6 tube. Repacked bearings.
6. Installed Rapco 106 brake pads and installed new Orings in calipers. Bled brakes.
7. Swung compass and installed new card and holder in aircraft.
8. Replaced Brackett Airfilter element BA-8103-1

AD's current through FAA.Gov 01/03/2017.

I certify that this airframe has been inspected on 11/13/2015 IAW Cessna Maintenance Manual and the scope and detail of CFR 14 Part 43 and for Annual Inspection and found to be in an Airworthy Condition.

Ryland Roetman
IA 2708504

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

AUGUSTA AVIATION, INC.
DANIEL FIELD (DNL)
1775 HIGHLAND AVE.
AUGUSTA, GA 30904

"Excellence Since 1940"

Date: 2/15/2018; Aircraft: N1649M; Type: 182P; S/N: 18264402; Tach: 237.70; Total Time: 5929.70

Performed Annual Airframe Inspection IAW 14 CFR Part 43 appendix D. Replaced Gyro Suction filter with new PN: B3-5-1. Applied new grease to all three landing gear wheel bearings. Removed and serviced battery. Lubricated all flight controls and verified cable tensions. Conducted ELT inspection and ops check IAW FAR 91.207(d). No defects noted. Battery due by Dec. 2018. Conducted AD search and review through 2018-02. Complied With AD 83-13-01, Placard - Improper Fuel Cap Sealing. Complied with AD 11-10-09, Seat track wear and seat pin engagement. Next due by Tach Time: 337.7 or Feb 2019, whichever comes first. Complied with AD 76-07-12, Ignition Switches. Next due @ Tach Time: 337.7. Complied with AD 17-16-01, Ameri-King ELT Quality standards non-compliance malfunctions. No defects noted. Next due by Feb 2019. Replaced tail beacon bulb with new PN: 02-0350433-00. Ops check succesful. Re-soldered ground wire to bulb assembly. Conducted ops check. No defects noted at this time. Removed Nose gear shock strut and installed all new O-Ring PN's: MS28775-010, MS28775 -221, MS28775-329, MS28775-228, MS28775-225. Replaced scraper ring with new PN: S11065-21. Replaced both backup rings with new PN: S1628-329. Installed newly packed nose gear shock strut and serviced IAW Cessna 182P MM Section 2-26. Replaced wing drain sump with new PN: S2106-1and re-safetied drain valve. Removed and replaced RH tire with new P/N: 072-314-0 S/N: 6331S00170 and installed new tube P/N: 097-500-0. IAW 182P MM section 5.

I certify this Airframe has been inspected in accordance with the Annual Inspection, FARs and applicable manufacturer specifications and was determined to be in airworthy condition.

Brian Fry IA 3296973

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspe** Entries must be endorsed with Name, Rating and Cert Technician or Repair Facility. (*See* back pages for other specific entries.)

AUGUSTA AVIATION, INC.

"Excellence Since 1940"

DANIEL FIELD (DNL)
1775 HIGHLAND AVE.
AUGUSTA, GA 30904

Date: 2/15/2018; Aircraft: N1649M; Type: 182P; S/N: 18264402; Tach: 237.70; Total Time: 5929.70

During static system check. Discovered leaks at multiple points. Bottom fittings on 2 each static sumps cracked/broken. Removed 2 EA sumps (S1258-1.) Replaced with 2 EA new sumps (PN S1258-1.) Performed 24 month static system, transponder and altitude reporting tests on the airframe and following listed instruments required by FARs 91.411, 91.413 and were found to be within the limits of FAR Part 43, appendices E and F to 20,000 feet. See work order A-18-2457 for full details.

Air Data Computer GDC 74 (PN 011-00882-00, SN 20621833)
Altimeter United Instruments (PN 5934PM-1, SN 8E075)
Transponder GTX 33 (PN 011-00490-00, SN 83732979)
Altitude Encoder ACK (PN 30.9, SN 136808)

TACH: 237.7
Date: 02/14/2018

I certify this Aircraft or Component has been inspected in accordance with FARs and applicable manufacturer specifications and were determined to be in airworthy condition.

FAA Repair Station BSBR596C

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

Date: 4/1/2019
Aircraft N#: 1649M
Aircraft S/N: 18264402
Hours Tach: 315.4
Total A/C Hours: 6007.4

Performed Annual Inspection IAW Cessna 182 AMM. and FAR 43 App. D. Lubricated all flight controls. Performed FAR 91.207 ELT inspection, replaced Duracell batteries. Batteries due replacement 4/2020. Installed new McFarlane Cabin heat cable P/N MCS1241-34. C/W AD 83-13-01 by visual inspection of fuel caps and placards, due next 4/2020. C/W AD 2011-10-09 by inspection of seat rails and seats. Replaced all 4 seat rails with new McFarlane rails, P/N MC710658-2. Replaced left seat rollers with all new hardware from McFarlane kit SEAT-KT-1. Inspection due next at 415.4 Tach or 4/2020. I certify that this aircraft has been inspected in accordance with an Annual inspection, and is in airworthy condition.

Dan Egecrone

Dan Egecrone A&P 2723656IA

epairs and Alterations
and Certificate Number of
s for other specific entries.)

ced
lane
of fuel
seat rails
58-2.
KT-1.
been
dition.

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

Date: 05/01/2020 **Hours**: TTAF:6033.1 Tach:341.1

Tail#: N1649M

Make: Cessna **Model**: 182P **S/N**: 18264402

Performed annual inspection IAW Cessna 182 MM and AC 43.12, Append. d. All panels were opened. All chains, pulleys, and cables were lubed IAW MM. Cable tensions were checked and the aileron cross over cable was adjusted to spec. All windows and windshield were resealed with B2. Cowl air intake attach fittings were replaced, Tire pressures adjusted, brakes and wheels inspected. Garter filter replaced. Intake filter was replaced. Cracked main gear fairing on LMG was repaired. ELT batteries were replaced. Due 05/2022. ELT was tested IAW FAR. All AD's complied with through AD ToolBox this date. I certify this aircraft was found to be airworthy and returned to service

Name: Dan Giallourakis **Cert**: 1974666 IA

Co: DGW Aircraft Service LLC **Sign**:

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

Date: 03/04/2021 **Hours**: TTAF:6056.5 Tach:364.5 Hobbs:391.5

Tail#: N1649M

Make: Cessna **Model**: 182P **S/N**: 182-64402

Trouble shoot fuel leak in right wing fuel system. Found leak to be in the vent line nipple in the bladder. Removed old bladder and verified leak source. Installed new bladder P/N 1200065-24, FFC P/N 3030-24 S/N CR5621. Refilled tank for leak check. None found. Aircraft returned to service.

Name: Dan Giallourakis **Cert**: 1974666 IA

Co: DGW Aircraft Service LLC **Sign**: D Giallourakis

epairs and Alterations
and Certificate Number of
es for other specific entries.)

2
line
d new
k check.

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME II SERVIC

Installed Micro Vortex Generators per STC #SA00834SE. Refer to Form 337 this date: 06/01/2021
DN Dalton 1974666 IA

rations
ber of
entries.)

Date: 06/13/2021 **Hours:** TTAF:6097.2 TACH:405.2

Tail#: N1649M

Make: Textron (Cessna) **Model:** 182P **S/N:** 182-64402

Annual inspection conducted IAW the Cessna 182 MM and AC43.13. All panels were opened and all chains, pulleys, cables and hinges were lubed. Cable tensions were checked. Landing gear were inspected. Micro-VG's were installed IAW the appropriate STC and 337 forwarded to FAA. Door bulkheads were inspected. No cracks noted at this time. All AD's complied with through AD ToolBox this date. I certify this aircraft has been inspected IAW annual inspection and found to be airworthy and returned to service.

Name: Dan Giallourakis **Cert:** 1974666 IA

Co: DGW Aircraft Service LLC **Sign:** DN Dalton

Date: 09/14/2021 Hours: HOBBS:482.2

Tail#: N1649M

Make: Textron (Cessna) Model: 182P S/N: 182-64402

Remove old carpet and install new fire blocked carpet from SCS interiors.

Name: Dan Giallourakis Cert: 1974666 IA

Co: DGW Aircraft Service LLC Sign:

I CERTIFY THAT THE ALTIMETER/ADC AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND COMPLY WITH FAR 43 APPENDIX E.

#1 MODEL GDC 74A #1 S/N 20621833

#2 MODEL 593APM-1 #2 S/N 8ED75

#3 MODEL #3 S/N

DATE June 29, 2021 WO# 6877

SIGNED:

Rendrag Aviation, LLC. Thomaston, GA 30286 CRS#2RGR099C

I CERTIFY THAT THE ATC TRANSPONDER TESTS REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED AND COMPLY WITH FAR 43 APPENDIX F.

#1 MODEL Garmin GTX327 #1 S/N 83132979

#2 MODEL #2 S/N

DATE June 29, 2021 WO# 6877

SIGNED:

Rendrag Aviation, LLC. Thomaston, GA 30286 CRS#2RGR099C

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TI TI SE

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

Precision Avionics Specialists 207 [illegible] 392K
LOG ID# 1879 [illegible] February-[illegible] [illegible]
N1649M [illegible] 1826440 [illegible] SSNA [illegible]

INS[illegible]
INTER[illegible]
AUTOPILOT [illegible] IAW STC [illegible]
AND THE FOL[illegible] ENCED [illegible]
INSTRUMENTS INSTALLATION MANUAL [illegible]
OF EXISTING EDM [illegible]
INSTRUMENTS CRS# PT[illegible] REFER[illegible]
[illegible] FAA ADVISORY CIRCULAR [illegible]
[illegible]ING PORT IAW THE MIL [illegible]
PANEL OVERLAY AND INSTRUMENT PANEL. INSTALLED A [illegible] INSTR[illegible] WAS [illegible]
OWNER PRODUCED PART" AS DEFINED IN A FAA MEMOR[illegible]
PRODUCED PART REFERANCED IN FAR 21.303(B)(2). THE [illegible] FABRICATED [illegible]
ALUMINUM 080 THICK(OLD PANEL WAS .050). THE ORGINAL PAN[illegible] AS A PATTE[illegible]
[illegible] THE PLASTIC OVERLAY FOR THE COPILOT INSTRUMENT PANE[illegible] APPROVED. INSTA[illegible]
OVERLAY WHICH WAS ALSO FABRICATED AS A 'OWNER PRODUCED PART'. THIS METAL PANEL [illegible]
FROM 2024T3ALUMINUM 080 THICK. COMPLEATED FAA FORM 337'S THIS DATE. UPDATED WEIGH[illegible]
BALANCE. THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENT[illegible]
REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVI[illegible]
ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPA[illegible]
FILE AT THIS REPAIR STATION.

Scott Collins

PAOP-392K Scott Collins

DATE 19_____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, T** Entries must be endorsed with Name. Technician or Repair Facility. (*See* ba

Date: 07/20/2022 **Hours**: TTAF:6208.4 TACH:516.4

Tail#: N1649M

Make: Textron (Cessna) **Model**: 182P **S/N**: 182-64402

Annual inspection IAW Cessna 182 MM and AC43.13, Append D. All panels were opened and the aircraft was inspected and lubed IAW the MM. Cable tension were checked. Main tires and tubes were replaced with new Condor 6.00x6 tires and leak guard tubes. Wheel bearings were cleaned and repacked with AeroShell 5 grease. Brakes were relined. Right courtesy light was replaced with new #94 bulb. Battery was top charged. ELT was tested IAW FAR. Batteries due 03/2029. Brake fluid level was checked. All AD's were complied with through AD ToolBox this date. I certify this aircraft has bee inspected IAW and annual inspection and found to be airworthy and returned to service.

Name: Dan Giallourakis **Cert**: 1974666 IA

Co: DGW Aircraft Service LLC **Sign**:

DATE 19____	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency

TCH

N1649M 9/21/2022 HOBBS 520.5

1.PERFORMED PREBUY INSPECTION. COMPRESSIONS #1 68/80 #2 52/80 #3 62/80 #4 54/80 #5 64/80 #6 73/80.

2. REPLACED BRAKE ROTORS DUE TO WEAR LIMITS. PN RA164-30440.

3.CLEANED, TESTED, SPARK PLUGS.

4. INSTALLED SERVICABLE RH ELEVATOR PN 1234600-2, PROVIDED BY CUSTOMER.

5. INSTALLED NEW SHIP BATTERY PN RG-35AXC.

6. INSTALLED NEW ARTEX ELT 345 PN A3-06-2880 SN 317-1427S. CUSTOMER NEEDS TO REGISTER UNIT WITH SATCOM.

7.PERFORMED ACF50 TREATMENT ON AIRFRAME.

8.GROUND RUN AND LEAK CHECKED SYSTEM. CHECKED GOOD.

THIS AIRFRAME IS FOUND AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO WORK PERFORMED AND ALL 8130'S HAVE BEEN ADDED TO THE AIRCRAFT RECORDS.

TERRY LEE HIGDON A&P 2713082 IA

ACR ELECTRONICS, Inc.
Artex Products - CAGE Code 18560
Fort Lauderdale, FL 33312
LOG BOOK ENTRY
E.L.T. BATTERY
REPLACEMENT DATE Jan 2029

DATE 19____	TOTAL TIME IN SERVICE	Ref FAA

REG #	N1649V
MODEL	Cessna 182
SERIAL #	18264402

1. Re-connected landing lig
2. Removed and replaced fi

The Aircraft and/or Component(s) i accordance with current applicabl to be airworthy for return to service f facility.

DATE 9/30/2022

wo WO_833

Gibson Aviation Service

N1649M CE
TACH: 541.0

1. Troubleshot fluctuating ammeter on JPI. C voltage erratic with engine running. Repl check satisfactory.
2. Tightened loose clamp screw for JPI moun

With respect to the work performed, this airframe

Aaron Simmons A&P/IA 3592994

DATE 19____	TOTAL TIME IN SERVICE	**Reference of Major Repairs and Major Alterations To** FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency

REG #	N1649M	Signature TECHNICAIR	DATE	9/30/2022
MODEL	Cessna 182P	529 EATON STREET	W/O	S98-22-29255
SERIAL #	18264402	ST. PAUL, MN 55107	Hobbs	580.5
		FAA REPAIR STATION # YRJR 826K	Tach	538.0
		LOGBOOK INSERT	CYCLES	

1. Re-connected landing light electrical connector. Operational check good.
2. Removed and replaced five (5) interior light lamps with new P/N 53. Operational check good.

The Aircraft and/or Component(s) identified above in the scope of this work order were repaired and/or inspected in accordance with current applicable Federal Aviation Regulations, current aircraft/engine manuals and were determined to be airworthy for return to service for the work performed at this time/date. Details of the work order are on file at this facility.

DATE 9/30/2022 SIGNED Thomas W. Thunstrom CRS YRJR826K

Thomas W. Thunstrom CRS YRJR826K

wo: WO_833 Airframe page 1 of 1

Gibson Aviation Services · 1400 Indianhead Dr. East · Menomonie, WI 54751 · 7152311836

N1649M **CESSNA, 182P, S/N: 18264402** **October 03, 2022**

TACH: 541.0

1. Troubleshot fluctuating ammeter on JPI. Checked and cleaned shunt connections. Checked alternator brushes. Found field voltage erratic with engine running. Replaced voltage regulator with used/serviceable P/N R15100, S/N 13028. Functional check satisfactory.
2. Tightened loose clamp screw for JPI mounting to instrument panel.

With respect to the work performed, this airframe is approved for return to service.

Aaron Simmons A&P/IA 3592994

DATE 19____	TOTAL TIME IN SERVICE	**Reference of Major Repairs and Major Alterations To** FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency

wo: WO_864

Airframe page 1 of 1

Gibson Aviation Services · 1400 Indianhead Dr. East · Menomonie, WI 54751 · 7152311836

N1649M **CESSNA, 182P, S/N: 18264402** **October 27, 2022**

TACH 587.2

1. Removed beacon P/N: 010770509-00 and Installed LED beacon P/N: 01-0772010-50A. Ops check Satisfactory
2. Cleaned push to talk switch with contact cleaner. ops check satisfactory.

With respect to the work performed, this airframe is approved for return to service.

Michael Kunn A&P 3761407 Michael Kunn

wo: WO_865

Airframe page 1 of 1

Gibson Aviation Services · 1400 Indianhead Dr. East · Menomonie, WI 54751 · 7152311836

N1649M **CESSNA, 182P, S/N: 18264402** **November 07, 2022**

TACH: 591.5

Removed and replaced carb heat cable with new P/N MCS1230-10 and rigged IAW AMM. Functional check satisfactory.

With respect to the work performed, this airframe is approved for return to service.

Aaron Simmons A&P/IA 3592994 A S

DATE 19____	A.D. NUMBER	TOTAL TIME IN SERVICE	**Airworthiness Directives** Chronological Listing of Compliance and Method of Compliance

wo: WO_1221

Airframe · page 1 of 1

Gibson Aviation Services · 1400 Indianhead Dr. East · Menomonie, WI 54751 · 7152311836

N1649M **CESSNA, 182P, S/N: 18264402** **May 31, 2023**

TACH: 634.8

1. Removed old carb temp prob and installed JPI carb temp prob P/N: 1190. Removed and sent out JPI for firmware update. Reinstalled JPI, ops check satisfactory. Removed old carb temp gauge, wiring , and installed a blanking panel. Installed P/N 1190 - JPI Option EDM Carb Temp Probe.
2. Removed and replaced the compass with new P/N: NV2C-28V S/N: 758671-25 . Adjusted compass per installation instructions and filled out a new compass correction card.
3. Installed main landing gear wheel pants P/N: R/H GF0541223-02 , L/H GF0541223-01 and brake covers P/N: R/H: K0741641-18, L/H: K0741641-19 .
4. Removed GNS430W and sent to Garmin for repair. Reinstalled GNS430W. Ops check satisfactory.
5. Updated GDL 88 software version 3.42. Updated GTN 750 software to Version 6.72.
6. Installed miss VG's on wing with new Micro AeroDynamics P/N: 1152.

With respect to the work performed, this airframe is approved for return to service.

Aaron Peterson A&P 3190914

Log Closed
7-24-2023