

N6822U

1982 Cessna 414A

Airframe Logbook

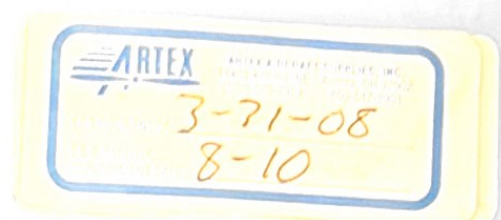
#3 of 4

2003 - 2012

MSN: 414A-0808



Prepared by the worldwide aviation specialists at RidgeAire, Inc.



BATT PIN 00-60-62



AIRFRAME MAINTENANCE RECORDS

Registration No. N6822U
Serial No. 414A0808



AIRFRAME MAINTENANCE RECORDS

Log No. 5

Aircraft Registration No. N6822U

Model 414A

Serial No. 414A0808

TTA: 6239.9



RAM Aircraft, Limited Partnership • Waco Regional Airport

Cessna 414A0808 N6822U

Airframe Total Time: 6163.7Hour Meter: 1602.3Date: 05/29/03

Above referenced aircraft modified per STC SA09105SC and SA4546SW per installation of STC SE09104SC engines. Flight Manual Supplement AFMS1080 furnished. Aircraft previously modified per installation of RAM Winglets. Aircraft modified per installation of vortex generators per STC SA8125SW. Installed Hartzell propellers model PHC-C3YF-2UF/FC7693DFB per STC SA09971SC. Installed RAM overhauled engines L-290903.R and R-521420. See 337. Installed RAM/FAA/PMA 1719-3 synchrophase system. Installed Shadin Fuel Flow Indicating System per STC SA5796SW. Transducer installation per STC SE5726SW. Slick pressurized magnetos P/N 6320 installed per STC SE4651SW. Installed Alcor range-marked EGT gauge P/N 46160 per STC SA522SW. Replaced left and right engine EGT probe. Installed red silicone impregnated fiberglass baffle material on each engine. FAA-PMA replacement baffles. C/W AD2000-01-16 by removal of the exhaust system from the slip joints aft. Installed new RAM/FAA/PMA stainless exhaust slip joints P/N 1001-3 with new springs and hardware on left and right engines I/A/W STC SA4331SW. Slip joints due replacement May 2015 or aircraft total time of 8663.7 hours, whichever occurs first. Installed new left engine left exhaust elbow P/N 1995-1, S/N 15T07-0004, right exhaust elbow P/N 1995-2, S/N 15T09-0003. Elbows due replacement 5-2015 or aircraft total time of 8663.7 hours, whichever occurs first. Installed new left and right engine elbow to turbo wye clamps P/N 2274-60. Clamps due replacement May 2015 or aircraft total time of 8663.7 hours, whichever occurs first. Inspected and re-installed right engine; left exhaust elbow P/N 9910377-1, right exhaust elbow P/N K9910377-2, S/N 47592. Elbow due replacement 8-2010 or aircraft total time of 7642.1 hours, whichever occurs first. Installed new left and right turbo wyes P/N 1967-1; left S/N 17B47-0003, right S/N 17B47-0004. Turbo wyes due replacement May 2015 or aircraft total time of 8663.7 hours, whichever occurs first. Installed new left and right wye to wastegate elbows P/N 1967-3, left S/N 243, right S/N 294. Wastegate elbows due replacement May 2015 or aircraft total time of 8663.7 hours, whichever occurs first. Installed new left and right wastegate elbow to wye clamps P/N NH1009109-10. Clamps due replacement May 2015 or aircraft total time of 8663.7 hours, whichever occurs first. Installed new left and right wastegate tailpipes P/N 1967-7. Wastegate tailpipes due replacement May 2015 or aircraft total time of 8663.7 hours whichever occurs first. Inspected and re-installed left overboard tailpipe P/N K9910299-1, S/N 108994. Tailpipe due replacement 4-2015 or aircraft total time of 8663.2 hours whichever occurs first. Inspected and re-installed right overboard tailpipe P/N 9910299-2. Tailpipe due replacement 5-2008 or aircraft total time of 7107.2 hours, whichever occurs first. Installed new left and right tailpipe clamps P/N 2274-50. Clamps due replacement May 2015 or aircraft total time of 8663.7 hours, whichever occurs first. Installed overhauled left and right wastegate valve assy's. Installed new RAM turbochargers P/N 2059-1; left S/N GCL00018, right S/N GCL00021. Installed new left engine exhaust riser P/N 9910295-14, S/N 15N96-0003. C/W Para (b) by visual inspection and found to be serviceable. Next visual inspection per Para (b) due in 50 hours TIS or 30 calendar days, whichever occurs later. C/W Para (c) by removal and visual inspection of exhaust tailpipes and found to be serviceable at this time. Next removal and visual inspection per Para (c) due each 12 calendar months on right tailpipe. Next removal and visual inspection per Para (c) due within 5 years on left tailpipe. C/W Para (d) by inspection of the outboard engine beams and canted bulkheads. Found airworthy at this time. Re-inspection per Para (d) due each 500 hours TIS. C/W Para (e) by visual inspection and pressure test of left and right exhaust systems. System checked satisfactory at this time. Re-inspection per Para (e) due each 12 calendar months. Para (f) N/A per no multi-segment V-band clamps installed. C/W Para (g) by installing new and re-installing existing exhaust system from the slip joints aft. Repetitive compliance due at 2,500 hours TIS or 12 years, whichever occurs first or as listed above for components re-installed.

Page 1 of 2

R F

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
------	--------------------------------	------------------------------------	---------------------------------------	---



RAM Aircraft, Limited Partnership • Waco Regional Airport Page 2 of 2

Installed re-marked tachometer, manifold pressure gauge, airspeed indicators and 3-in-1 gauges per STC requirements. Remove optional cabin annunciator transducer from static system due to leaks. Static system tested per FAR 91.411, para A 2. (Leak check of system only.) Installed new Aeroquip integral firesleeved fuel and oil hoses meeting TSO-C53A Type D and TSO-C75 Type III on each engine. Installed engine beam kit SK414-19B-1 and -5 per AD 97-26-16. Installed new prop de-ice brushes on left and right engine. Installed new propeller cable P/N 1220-25 on left engine, P/N 1220-26 on right engine. Installed overhauled right aux fuel pump P/N 2B7-290H, S/N 3M253. Installed new cabin pressurization ducts P/N CM3211-10B38.0 and P/N CM3211-10B9.5 in left and right wings. Installed new "o" ring seal on right pressurization dump valve. Removed Brackett air filters which are NOT compatible with RAM engine STC's. C/W AD 84-26-02 per replacement of air filters. RAM Aircraft recommends air filters to be replaced every 300 hours or annual with mandatory log entry required. Installed vacuum pump cooling shroud on left and right engine vacuum pumps per STC SA3721SW. Installed new RAM vortex generators on wing and vertical fin and strakes on outboard nacelles and on fuselage per Dwg. 1507,m Rev. F, dated 4/12/96 with Flight Manual Supplement AFMS 1080 furnished with change in airspeed markings; I/A/W STC SA8125SW. New empty weight and balance computed. Touch-up paint on winglets and paint nacelle scoops. Aircraft is airworthy and is approved for return to service for engine run-in procedures and modifications performed. Pertinent details are on file under project no. 760.

RAM Aircraft Limited Partnership, P.O. Box 5219, Waco, Texas 76708 CRS VA1R551K

Total Time: 6166.6
 Hour Meter: 1605.2
 Date: 05-30-03

Aircraft test flights complete under project no. 760 and aircraft is airworthy and approved for return to service.

RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco, Texas 76708 CRS VA1R551K



GREGG AIRCRAFT SERVICES, INC.
 RT. 3, EAST TEXAS REGIONAL AIRPORT
 LONGVIEW, TX 75603
 903-643-0980

N6822U **8-21-03** **HR. MTR.: 1646.4**
 Replaced P/N P612434 and P612433 couplings on heater duct
 by-pass tube due to pressurization leak.

Jordan Groody

A&P556970478

SUB-TOTALS this page

TOTALS—Carry forward to next page



GREGG AIRCRAFT SERVICES, INC.
 RT. 3, EAST TEXAS REGIONAL AIRPORT
 LONGVIEW, TX 75603
 903-643-0980

—
 MING WORK

Rec.
 6305.6

N6822U 10-22-03 HR. MTR.: 1668.0 TTA: 6229.4

Completed an annual inspection in accordance with Cessna 414A checklist. All 50-100-200 hour and annual items complied with. Functional test of ELT in accordance with FAR91.207(d) satisfactory. ELT battery replaced. Next due 12-05. Complied with AD2000-01-16 (b)(c)(e) on both exhaust systems; satisfactory. Replaced central instrument air filter P/N AM10345IA. Replaced co-pilot's windshield P/N 5111604-202 in accordance with Cessna 414A Maintenance Manual. Replaced nose tire and greased bearings. Replaced rivets and screws in RH and LH wing root fairings to fuselage. Relined right brake. Installed "Power Pac" Spoilers Kit Model SP4000 in accordance with FAA STC SA4913NM. Weight and balance change as noted in aircraft weight and balance data sheet as noted below:

Aircraft Empty Weight: 5300.67

Aircraft Empty C. G.: 153.63

Aircraft Empty Moment: 814360.39

Useful Load: 1786.33

FAA Form 337 dated 10-23-03.

I certify this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.

Byron C. Williams

Byron C. Williams

IA2021731

1/20/04

Hobbs 1718.7

C/w A.D. 2000-01-16 para(b) by visual insp. NO defects noted. *T. J. K. Smith*

14P466594753

SUB-TOTALS this page

TOTALS—Carry forward to next page



GREGG AIRCRAFT SERVICES, INC.
 RT. 3, EAST TEXAS REGIONAL AIRPORT
 LONGVIEW, TX 75603
 903-643-0980

Bw

6443.4

N6822U 6-16-04 HOBBS: 1827.0 AFTT: ~~6247.2~~
 Performed 100-hour inspection in accordance with Cessna 414A
 checklist. Complied with AD2000-01-16 Para. (b) by visual inspection
 of exhaust system. Replaced rudder ground strap. Replaced left
 landing light. Replaced vacuum regulator filters. Replaced both main
 tires. Aligned main landing gear wheels. Replaced left hydraulic
 pump. Replaced brake linings on left brake. Hobbs meter ran while
 aircraft was on jacks for 21.2 hours.

I certify this aircraft has been inspected in accordance with a 100-
 hour inspection and was found to be in an airworthy condition.

Tommy Laughlin
 A&P2766258

Tommy Laughlin

CORRECTED

FOR THIS AND

PREVIOUS ERROR

B. Wilkin

A&P 2021731



GREGG AIRCRAFT SERVICES, INC.
 EAST TEXAS REGIONAL AIRPORT
 155 DOVEL RD.
 LONGVIEW, TX 75603
 903-643-0980

N6822U 8-31-04 HOBBS: 1888.1
 Removed and replaced left vacuum pump P/N on AA442CW
 S/N N26544.
 Timothy K. Stroman
 A&P466594753

Timothy K. Stroman

TOTAL TIME AIRFRAME IS: 4616.4 + HR. MTR.

B. Wilkin A&P 2021731




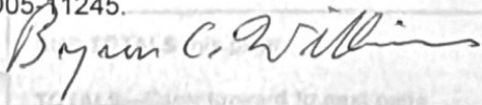
Next page







SUB-TOTALS this page

TOTALS—Carry forward to next page






TTA = 4616.4 + HR. MTR.

Page No. _____

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				  <p style="text-align: center;">GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p> <p>N6822U 12-3-04 HR. MTR.: 1905.0 TTA: 6521.4 Completed an annual inspection using Cessna 414A checklist. Functional test of ELT in accordance with FAR91.207(d); satisfactory. Battery due 12-05. All 50-100-200 hour and annual items complied with. AD2004-21-05 complied with by pressure test of heater combustion tube; satisfactory. Complied with AD95-09-13 by satisfactory functional test of fuel inlet float valves. Complied with AD2000-01-16 Para. (b)(c)(d)(e) on both exhaust systems; satisfactory. Replaced heater fuel regulator P/N C23D04-1.0. Leak check good. Replaced all relief tube drain hoses. Removed and replaced oxygen bottle for hydrostatic test. Next due 11-07. Repaired wire at right deice light socket. Replaced LH forward baggage door extender. Complied with AD84-26-02 by replacement of induction air filters P/Ns P12-8156. Replaced o'rings in left main landing gear up-loc actuator. Replaced o'rings on both hydraulic filters. Replaced all de-ice boots with exception of left inboard and vertical stabilizer. Replacements of same P/Ns and manufacturer. 1 ea. 5070-08, 2 ea. 5070-11, 1 ea. 5070-37, 1 ea. 5070-38. Replaced fuel cap o'rings. Both hydraulic pumps, (right main and A/C) overhauled by Quality Aircraft Accessories; Reff: FAA Form 8130-3 Tracking #s 24465 and 24464. The following parts replaced due to tie down rings damage. 2 ea. 5122006-41, 1 ea. 5122048-4, 2 ea. 5622028-1, 1 ea. 5122115-31, 1 ea. 5122115-32, 1 ea. 0523615-5, 1 ea. 0523616-1, 1 ea. 5122115-47, 1 ea. 5122115-49, 1 ea. 5122115-50, 1 ea. 5122041-20. All parts epoxy primed and edge sealed. I certify this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition. Timothy K. Stroman IA466594753 </p> <p style="text-align: center;">GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p> <p>N6822U 6-8-05 HR. MTR.: 2056.8 Replaced co-pilot's Turn & Bank gyro with new unit. P/N 1234T100-7TZ S/N D05-11245. Byron C. Williams A&P2021731 </p>

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
				  <p>GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p> <p>N6822U 7-15-05 HR. MTR.: 2069.0 Removed and replaced both main tires with 650 x 10 8 ply Goodyear Flight Custom III. Balanced and lubricated bearings. Byron C. Williams A&P2021731 <i>Byron C. Williams</i></p>
				  <p>GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p> <p>N6822U 8-2-05 HR. MTR.: 2102.0 Replaced right tach generator with overhauled P/N 22A667 S/N 10412. Byron C. Williams A&P2021731 <i>Byron C. Williams</i></p>
				  <p>GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p> <p>N6822U 9-26-05 HR. MTR.: 2126.3 TTA: 6742.7 Completed a 100-hour inspection in accordance with Cessna 414A checklist. Replaced both vacuum regulator filters. Lubricated airframe. I certify this aircraft has been inspected in accordance with a 100-hour inspection and was found to be in an airworthy condition. Byron C. Williams A&P2021731 <i>Byron C. Williams</i></p>
SUB-TOTALS this page				
TOTALS —Carry forward to next page				

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				<div style="display: flex; justify-content: space-between;"> <div>  <p>4151 N Main St. Fort Worth Texas 76106 817-625-2719</p> </div> <div> <p>A/C Tail N6822U A/C S/N 414A0808 Date: 4/19/2006</p> </div> </div> <p>Removed ARC Mode Selector P/N 42710-0000 S/N 473 for bench check and/or repair. Reinstalled same.</p> <div style="display: flex; justify-content: space-between; margin-top: 100px;"> <div> <p>RS # WR1R594K WO# 99211</p> </div> <div> <p><i>Tom Fowles</i> Tom Fowles General Manager</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 50px;"> <div>  <p>GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p> </div> <div>  </div> </div> <div style="margin-top: 20px;"> <p>N6822U 4-22-06 Installed new Cleveland nose wheel P/N 40-140A with new Goodyear Flight Custom III tire and Michelin tube. Timothy K. Stroman A&P466594753</p> <p><i>Timothy K. Stroman</i></p> </div> <div style="display: flex; justify-content: space-around; margin-top: 50px;"> <div>  <p>GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p> </div> <div>  </div> </div> <div style="margin-top: 20px;"> <p>N6822U 5-2-06 HR. MTR.: 2267.1 Replaced right engine cowl flap control. Timothy K. Stroman A&P466594753</p> <p><i>Timothy K. Stroman</i></p> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <p>SUB-TOTALS this page</p> <p>TOTALS—Carry forward to next page</p> </div>

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
------	--------------------------------	------------------------------------	---------------------------------------	---

#1

IAW FAR 91.411 The altimeter make ARC
 Model EAS01 and S/N B508
 Tested to 35 K ft. and found to comply with
 FAR 43 App. E see W.O. 4019
 Inspected by [Signature] Date 4-28-06
 Sparrow Avionics Inc. FAA CRS XX919L
 3211 C.R.384 Tyler Texas 75708 1-800-416-8548

Encoder ☒ Pitot Heat ☒ Static ☒

IAW FAR 91.413 The transponder make Garmin
 Model GT4330 and S/N 84107336
 Was tested and inspected and found to comply with
 FAR 43 App. F see W.O. 4019
 Inspected by [Signature] Date 4-28-06
 Sparrow Avionics Inc. FAA CRS XX919L
 3211 C.R.384 Tyler Texas 75708 1-800-416-8548

#2

IAW FAR 91.411 The altimeter make United
 Model 5934 and S/N 2A246
 Tested to 35 K ft. and found to comply with
 FAR 43 App. E see W.O. 4019
 Inspected by [Signature] Date 4-28-06
 Sparrow Avionics Inc. FAA CRS XX919L
 3211 C.R.384 Tyler Texas 75708 1-800-416-8548

Encoder ☒ Pitot Heat ☒ Static ☒

IAW FAR 91.413 The transponder make ARC
 Model RT459 and S/N _____
 Was tested and inspected and found to comply with
 FAR 43 App. F see W.O. 4019
 Inspected by [Signature] Date 4-29-06
 Sparrow Avionics Inc. FAA CRS XX919L
 3211 C.R.384 Tyler Texas 75708 1-800-416-8548

Van Bortel Aircraft, Inc.

LOG ID# 810 23-May-2006 W/O AV5419 HOBBS 2286.2
 N6822U S/N 414A0808 CESSNA 414A

Removed Autopilot computer P/N 42680-0008 S/N 8663 Repaired and aligned and re-installed, autopilot ground tested good. Adjusted Altitude pre-select in aircraft. The aircraft and/or component described above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service, with respect to the work performed.

[Signature]

Authorized Individual: VNFR171L Sam G Wall III



GREGG AIRCRAFT SERVICES, INC.
 EAST TEXAS REGIONAL AIRPORT
 155 DOVEL ROAD
 LONGVIEW, TX 75603
 903-643-0980






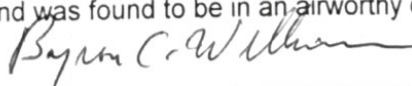


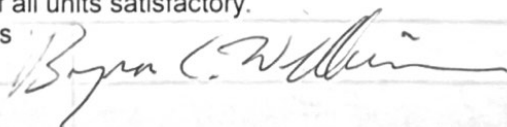




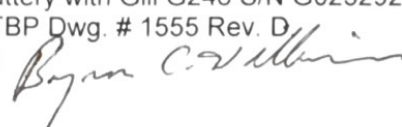





N6822U 7-14-06 HR. MTR.: 2319.7
 Replaced o'ring in each pressurization control valve. Rigged for full open and close per maintenance manual.
 Timothy K. Stroman
 A&P466594753

[Signature]

SUB-TOTALS this page

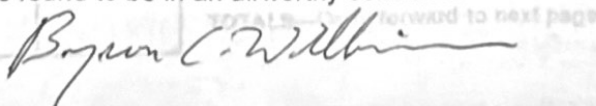
TOTALS—Carry forward to next page



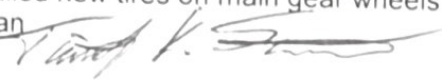
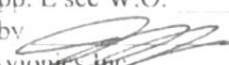
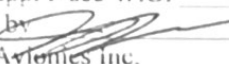
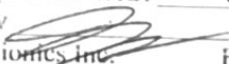
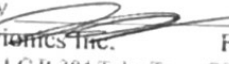
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				  <p style="text-align: center;">GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p> <p>N6822U 8-9-06 HR. MTR.: 2331.2 Rotated left main tire. Installed overhauled VSE P/N RC60V10A S/N W203394. Static system leak check good. Sam Dyess A&P2817187 </p>
				  <p style="text-align: center;">GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p> <p>N6822U 10-13-06 HR. MTR.: 2366.7 TTA: 6983.1 Completed an annual inspection in accordance with C-414A checklist. All annual, 50,100,200 hour, wing B items complied with. Functional test of ELT in accordance with FAR91.207(d); satisfactory. Battery due 1-08. Replaced RH brake line from fuselage fitting to under pilot's seat pedestal. Serviced and leak check good. Removed corrosion under transponder antenna – painted and sealed. Replaced prop heat indicator with new exchange unit P/N C662503-0102 S/N 2Q06. Replaced RH forward belly drain. Both fire bottles hydro- statically tested and new squibs installed. Next hydro due 10-2011. Next squib change due 10-2010. Re-rigged RH flaps to fair properly. Replaced both main tires and balanced. Cleaned and lubricated all wheel bearings. Lubricated airframe and gear. I certify this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition. Byron C. Williams  IA2021731</p>
				  <p style="text-align: center;">GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p> <p>N6822U 2-20-07 HR. MTR.: 2431.0 Replaced RH tach generator and vacuum pump with overhauled units. Installed C & D thermostat unit P/N CD21253 and CD21255. Functional test of all units satisfactory. Byron C. Williams  A&P2021731</p>
				<p>SUB-TOTALS this page</p> <p>TOTALS—Carry forward to next page</p>

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				  <p>GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p>
				<p>N6822U 4-2707 HR. MTR.: 2480.7 Replaced main battery with Gill G246 S/N G02329243. Battery serviced per Gill TBP Dwg. # 1555 Rev. D. Byron C. Williams  A&P2021731</p>
				  <p>GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p>
				<p>N6822U 5-24-07 HR. MTR.: 2501.7 Replaced seals in left main landing gear with Kit P/N 5141101-200. Lubricated flight controls. Timothy K. Stroman  A&P466594753</p>
				  <p>GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p>
				<p>N6822U 10-11-07 HR. MTR.: 2566.1 TTA: 7182.5 HTR. MTR.: 1525.0 Completed an annual inspection in accordance with C-414A checklist. All 50-100-200-Hr. and annual items complied with. Functional test of ELT in accordance with FAR91.207(d) satisfactory. Battery is due 1-08. Complied with AD95-09-13 by functional test of fuel inlet float valves; satisfactory. Complied with AD2000-01-16(b), (c) on RH only; (d), (e) on both engine exhaust systems; satisfactory. Complied with AD2004-21-05 by pressure decay test and combustion blower switch calibration test of aircraft heater; satisfactory. Complied with AD2004-25-16R1 by satisfactory inspection of heater fuel regulator and shut-off valve for leakage. Complied with AD84-26-02 by replacement of both engine induction filters. Replaced forward bolt in elevator torque tube and saftied both ends. Replaced both hydraulic filters. Replaced one missing vortex generator on inboard left wing.</p>
				<p>Completed hydrostatic test of oxygen bottle. Next due 11-12. Replaced right wing pressurization duct from firewall to dump valve. Functional test of landing gear satisfactory. Lubricated all wheel bearings and airframe.</p>



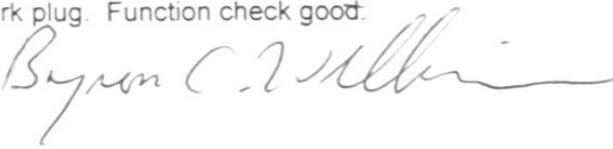





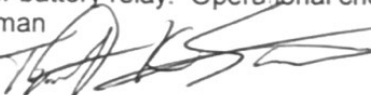


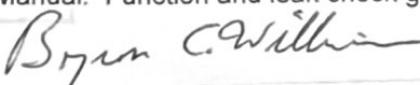
I certify this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.



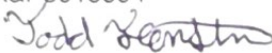





Byron C. Williams
IA2021731

 forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				  <p>GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p>
				<p>N6822U 1-11-08 HR. MTR.: 2612.1 Installed new PMA heater ignition assembly P/N CD21381. Ops check good. Installed new tires on main gear wheels. Timothy K. Stroman A&P466594753 </p>
				<p><i>N6822U</i></p>
				<p><i>#1</i></p>
				<p>IAW FAR 91.411 The altimeter make <i>ARC</i> Model <i>EA801</i> and S/N <i>2508</i> Tested to <i>35</i> K ft. and found to comply with FAR 43 App. E see W.O. <i>4486</i> Inspected by  Date <i>1-21-08</i> Sparrow Avionics Inc. FAA CRS XXYP919L 3211 C.R. 384 Tyler Texas 75708 1-800-416-8548</p>
				<p>Encoder <input checked="" type="checkbox"/> Pitot Heat <input checked="" type="checkbox"/> Static <input checked="" type="checkbox"/></p>
				<p>IAW FAR 91.413 The transponder make <i>Garni</i> Model <i>GTX 330</i> and S/N <i>84107336</i> Was tested and inspected and found to comply with FAR 43 App. F see W.O. <i>4486</i> Inspected by  Date <i>1-21-08</i> Sparrow Avionics Inc. FAA CRS XXYP919L 3211 C.R. 384 Tyler Texas 75708 1-800-416-8548</p>
				<p><i>6822U</i></p>
				<p>IAW FAR 91.411 The altimeter make <i>United</i> Model <i>5934</i> and S/N <i>L569</i> Tested to <i>35</i> K ft. and found to comply with FAR 43 App. E see W.O. <i>4486</i> Inspected by  Date <i>1-21-08</i> Sparrow Avionics Inc. FAA CRS XXYP919L 3211 C.R. 384 Tyler Texas 75708 1-800-416-8548</p>
				<p>Encoder <input checked="" type="checkbox"/> Pitot Heat <input checked="" type="checkbox"/> Static <input checked="" type="checkbox"/></p>
				<p>IAW FAR 91.413 The transponder make <i>ARC</i> Model <i>RT-459</i> and S/N <i>_____</i> Was tested and inspected and found to comply with FAR 43 App. F see W.O. <i>4486</i> Inspected by  Date <i>1-21-08</i> Sparrow Avionics Inc. FAA CRS XXYP919L 3211 C.R. 384 Tyler Texas 75708 1-800-416-8548</p>

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				  <p>GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p>
				<p>N6822U 1-22-08 HR. MTR.: 2619.5</p> <p>Replaced heater spark plug. Function check good.</p> <p>Byron C. Williams A&P2021731</p> 
				  <p>GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p>
				<p>N6822U 3-31-08 HR. MTR.: 2674.4</p> <p>Tightened nuts on right cowl flap control. Repaired wiring at socket and replaced bulb on altitude alert indicator light. Replaced ELT battery and tested in accordance with FAR91.207(d). Battery due August 2010. Complied with AD2000-01-16 Para (b) by visual inspection of exhaust.</p> <p>Timothy K. Stroman A&P466594753</p> 
				  <p>GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p>
				<p>N6822U 6-20-08 HR. MTR.: 2734.6</p> <p>Replaced master battery relay. Operational check good.</p> <p>Timothy K. Stroman A&P466594753</p> 
				  <p>GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p>
				<p>N6822U 6-27-08 HR. MTR.: 2764.9 TTA: 7353.1</p> <p>28.2 hours were added to Hr. Mtr. due to jack time. Total Time above is corrected. Replaced nose gear hydraulic actuator with overhauled unit P/N 9910139-9 S/N 2103. Overhauled by Air Capitol Jet, LLC Ref: 8130-3 Tracking #1470. Installed in accordance with Cessna 414A Maintenance Manual. Function and leak check good.</p> <p>Byron C. Williams A&P2021731</p> 

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				 <p>GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p> 
				<p>N6822U 9-15-08 HR.MTR.: 2826.0</p> <p>Replaced co-pilot's artificial horizon. Todd Feenstra A&P3013894 </p>  <p>GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p> 
				<p>N6822U 9-15-08 HR.MTR.: 2826.0</p> <p>Complied with AD2000-01-16 para. "b" visual inspection. No defects. Timothy K. Stroman A&P466594753 </p>
				 <p>4151 N Main St. Fort Worth Texas 76106 817-625-2719</p> <p>A/C Tail N6822U A/C S/N 414A0808 Date: 9/30/2008</p>
				<p>Removed ARC AA801A Alerter P/N 43310-0000 S/N 2214 for repair. Reinstalled after repairs. Removed ARC CA550A/FD Autopilot Computer P/N 42680-0008 S/N 8663 for exchange. Installed exchange unit S/N 5970. Removed Garmin GNS530 GPS/Nav/Com P/N 011-00550-10 S/N 78408615 to send to Garmin for factory repairs. Installed loaner unit S/N 78404565. Repaired wiring at DG slaved/unslaved switch. System operations check good on ground.</p>
				<p>This aircraft and/or component was repaired and/or inspected in accordance with current FAA regulations and approved for return to service.</p>
				<p>RS # WR1R594K WO# 111379</p> <p> Jeremy Grabowski Inspector</p>
				<p>SUB-TOTALS this page</p>
				<p>TOTALS—Carry forward to next page</p>



GREGG AIRCRAFT SERVICES, INC.
EAST TEXAS REGIONAL AIRPORT
155 DOVEL ROAD
LONGVIEW, TX 75603
903-643-0980



3K

N6822U 11-7-08 HR. MTR.: 2864.9 TTA: 7481.3
HTR. MTR.: 1551.0

Completed an annual inspection in accordance with Cessna 414A check-list. All 50-100-200 and annual items complied with. Functional test of ELT in accordance with FAR91.207(d) satisfactory. Battery due 8-10. Complied with **AD2000-01-16 (b)(c)(d)(e)** on both sides of exhaust system. Replaced both tail pipes and all associated clamps P/Ns 9910295-31, 9910299-32, 2 ea. 2274-50 and 4 ea. 2265C400SS. Complied with **AD2004-25-16R1** by inspection for leakage of heater fuel regulator and shut-off valve. None noted. **AD84-26-02** complied with by replacement of induction air filters. Repaired wiring to taxi light. Replaced left main tire with new Goodyear Flight Custom III 650x10x8ply. Repaired wiring to right landing light at juncture of conduit behind aileron. Replaced right evaporator blower motor and replaced faulty circuit breaker P/N S2899L7.5. Serviced with 3 lb R-12. Leak check good. Replaced seals in nose strut. Replaced tail nav bulb.

Replaced vent horn under wing and treated battery box for corrosion. Replaced LH and RH instrument air regulator filters. Replaced 4 ea. GE1495 cabin light bulbs. Air conditioning hydraulic filter and fluid changed. Replaced RH and LH nacelle door extenders. Replaced seals in parking brake valve. Paralleled alternators. Serviced oxygen and nitrogen. Functional test of landing gear satisfactory. Lubricated all wheel bearings and airframe.

I certify this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.

Byron C. Williams
IA2021771



SpinksJet Inc.

N6822U
S.N. 4140808

Hobbs: 2889.6 Hrs.





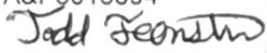


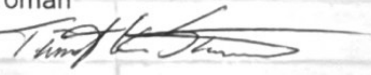
.Removed and Reinstalled Nose landing gear after replaced strut internal mechanical stop ring P/N A2748, reseal strut service and leak check I.A.W Cessna Maintenance Manual instruction 32-20-00

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

"Pertinent details of the repair are on file at this repair station under work order # 2203 date Dec/16/2008

Signed R. Acosta A/P 2502277

Spinksjet Inc, Services 450 Alsbury Court Burleson TX. 76028 Tlf. 817-295-8477 Fax 817-5295296

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<div style="display: flex; justify-content: space-between;"> <div>  <p>4151 N Main St. Fort Worth Texas 76106 817-625-2719</p> </div> <div> <p>A/C Tail N6822U A/C S/N 414A0808 Date: 2/19/2009</p> </div> </div> <p>Removed ARC CA550A/FD Autopilot Computer P/N 42680-0008 S/N 5970, PA495 Servo P/N PA-495A-2 S/N 10820, S550A Mode Selector P/N 42710-0000 S/N 473, and C830FD Autopilot Computer P/N 41780-1128 S/N 1397 for bench check. Reinstalled same after bench checks. Repaired broken wire between Mode Selector and Control Wheel disconnect. System operations check good on ground.</p> <p>This aircraft and/or component was repaired and/or inspected in accordance with current FAA regulations and approved for return to service.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div> <p>RS # WR1R594K WO# 113993</p> </div> <div>  <p>Jeremy Grabowski Inspector</p> </div> </div>
				<div style="display: flex; justify-content: space-around; align-items: center;">  <div> <p>GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p> </div>  </div> <p>N6822U 3-23-09 HR. MTR.: 2929.0</p> <p>Adjusted toe in on right main tire and replace tire with new Goodyear Flight Custom III 650x10 8 ply. Lubricated bearings and balanced assembly.</p> <p>Todd Feenstra A&P3013894 </p>
				<div style="display: flex; justify-content: space-around; align-items: center;">  <div> <p>GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p> </div>  </div> <p>N6822U 8-6-09 HR. MTR.: 2947.0</p> <p>Removed and replaced R/H evaporator blower motor with new P/N JBS27-5. Re-serviced with freon.</p> <p>Timothy K. Stroman A&P3390266 </p>
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

DATE

TOTAL
TIME
IN
SERVICE

GREGG AIRCRAFT SERVICES, INC.
EAST TEXAS REGIONAL AIRPORT
155 DOVEL ROAD
LONGVIEW, TX 75603
903-643-0980



IK

N6822U 1-12-10 HR. MTR.: 2987.3 TTA: 7603.7
HTR. MTR.: 1576.8

Completed an annual inspection in accordance with Cessna 414A checklist. All 50-100-200 and annual items complied with. Functional test of ELT in accordance with FAR91.207(d), satisfactory. Battery replacement date 8-10. Complied with **AD2000-01-16(b)(e)** on both exhaust sides. Complied with **AD2004-21-05** by heater combustion tube decay test and pressure test of combustion air switch; satisfactory. Complied with **AD2004-25-16R1** by leak check of heater fuel regulator and shut-off valve; satisfactory. Replaced springs in upper cabin door handle. Replaced left and right access panels with used serviceable panels just aft of exhaust tailpipes. Treated, primed and painted. Removed corrosion from exhaust trail areas. Treated, primed and painted. Replaced LH forward baggage door extender. Replaced tail nav/strobe light with overhauled unit. Replaced the following parts in rudder assembly. All new: 1 ea. 5133020-18 channel, 1 ea. 5133020-9 channel, 1 ea. 5133020-8 rib, 1 ea. 5133000-122 aft spar, 1 ea. 5133020-50 top skin, 1 ea. 5133016-2 boot assm. Painted, balanced and installed. Function and rig check good. Replaced seal-pac bearing and seals in nose gear P/N 0841200-55, used serviceable. Cleaned and packed all wheel bearings. Function and rig check of landing gear satisfactory. Lubricated airframe. I certify this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.

Timothy K. Stroman

IA3390266



GREGG AIRCRAFT SERVICES, INC.
EAST TEXAS REGIONAL AIRPORT
155 DOVEL ROAD
LONGVIEW, TX 75603
903-643-0980



N6822U 3-11-10 HR. MTR.: 2999.5

Removed right prop and sent to Byam for repair. Prop desludged and reassembled. Note FAA Form 8130-3 Tracking # 10-32707. Installed prop in left position and left prop in right position for possible trouble-shooting. Function check good. Props installed in accordance with Hartzell Service Manual.

Byron C. Williams

A&P2021731



GREGG AIRCRAFT SERVICES, INC.
EAST TEXAS REGIONAL AIRPORT
155 DOVEL ROAD
LONGVIEW, TX 75603
903-643-0980



N6822U 5-12-10 HR. MTR.: 3016.5

Replaced forward and aft cabin door supports with 2 ea. P/N 49-75LG.

Byron C. Williams

A&P2021731

DATE

TOTAL
TIME
IN
SERVICE

GREGG AIRCRAFT SERVICES, INC.
EAST TEXAS REGIONAL AIRPORT
155 DOVEL ROAD
LONGVIEW, TX 75603
903-643-0980



RK

N6822U

5-26-10

HR. MTR.: 3018.2

Troubleshoot dead battery. found master switch defective. Replaced switch. Ops. check good.

Timothy K. Stroman

A&P3390266



GREGG AIRCRAFT SERVICES, INC.
EAST TEXAS REGIONAL AIRPORT
155 DOVEL ROAD
LONGVIEW, TX 75603
903-643-0980



N6822U

6-14-10

HR. MTR.: 3033.0

Readjusted lock on left forward baggage door. Function test good.
Removed tape and residue.

Greg Burnett

A&P3367653



GREGG AIRCRAFT SERVICES, INC.
EAST TEXAS REGIONAL AIRPORT
155 DOVEL ROAD
LONGVIEW, TX 75603
903-643-0980



N6822U

8-25-10

HR. MTR.: 3067.3

Serviced, charged and installed new G246 battery S/N G02513201.

Timothy K. Stroman

A&P3390266



GREGG AIRCRAFT SERVICES, INC.
EAST TEXAS REGIONAL AIRPORT
155 DOVEL ROAD
LONGVIEW, TX 75603
903-643-0980



N6822U

9-24-10

HR. MTR.: 3073.3

Replaced left main tire with new 650 x 10 8 ply Goodyear Flight Custom III tire. Balanced and lubed wheel bearings.

Greg Burnett

A&P3367653

SUB-TOTALS THIS PAGE

TOTALS—Carry forward to next page



GREGG AIRCRAFT SERVICES, INC.
EAST TEXAS REGIONAL AIRPORT
155 DOVEL ROAD
LONGVIEW, TX 75603
903-643-0980



ARMED—
PERFORMING WORK

DATE

N6822U 3-4-11 HR. MTR.: 3106.7 TTA: 7723.1
HTR. MTR.: 1579.8

Completed an annual inspection in accordance with Cessna 414A checklist. All 50-100-200 hour items complied with. Replaced ELT battery P/N BS2173. Next due 3-2013. Functional test in accordance with FAR91.207(d) satisfactory. Complied with **AD2000-01-16(b)(e)** on both exhaust sides. Parts replacement in engine logs. Complied with **AD2004-25-16R1** by leak check of heater fuel regulator and shut-off valve; satisfactory. Replaced left fuel cap lanyard P/N MS27380-3 with new. Davtron clock repaired Ref. FAA Form 8130-3, Air Dallas Instruments Tracking #66992. Re-lamped gear unlocked indicator. Freed up oxygen control cable. Replaced power supply and strobe P/Ns 01-0770006-14 and 02-035033400 with new, same P/N units. Hydrostatic test of engine fire bottles and squib replacement completed. Next due bottles and squibs 2-2016. Ref. FAA Forms 8130-3, Safetech SMER451X, Tracking nos. AD28804 and AD28805.

Landing gear blow-down bottle hydrostatic test completed. Next due 2-2016. Ref. FAA Form 8130-3, Safetech SMER451X Tracking no. AD28803. Replaced central vacuum instrument filter P/N AM103435IA with new. Replaced both brake discs, shims, pads and right main landing gear tire. P/Ns 164-06406, 068-03100, 066-03300, 6.50x10-8 ply FCIII. Greased all wheel bearings and lubricated airframe in accordance with lube chart. Replaced oxygen distribution tube along left cabin side. Purged oxygen system. Repaired center floorboard section by reinforcement of panel. Replaced 2 ea. dimming slides P/N CM3535-1 on instrument light controls and 7 instrument panel lights. Function and rig check of landing gear satisfactory.

I certify this aircraft has been inspected in accordance with an annual inspection and was found to be in an unairworthy condition. A list of discrepancies has been given to the owner.

Byron C. Williams
IA2021731

Byron C. Williams



GREGG AIRCRAFT SERVICES, INC.
EAST TEXAS REGIONAL AIRPORT
155 DOVEL ROAD
LONGVIEW, TX 75603
903-643-0980



N6822U 3-7-11 HR. MTR.: 3106.7
This aircraft has been inspected and has been found safe for the intended flight in accordance with Special Flight Permit dated 3-7-11.

Byron C. Williams
A&P2021731

Byron C. Williams

SUB-TOTALS this page

TOTALS—Carry forward to next page



Web: www.hamptonaviation.com


Kevin Olson

AP/IA 3116038

AUTHORIZED SIGNATURE: DOUG BLAIR

A.#451041859

DATE

TOT.
TIM
IN
SERV**Mena Aircraft Painting****120 Aviation Lane Mena Ar 71953****Ph#479-243-9995 Fax#479-243-9996**

A/C: CESSNA 414A N#6822U SR#414A0808

Date 6/27/11

THE ABOVE MENTIONED AIRCRAFT WAS HERE FOR PAINT

THE AIRCRAFT WAS STRIPPED, PRIMED, AND REPAINTED WITH SHERWIN WILLIAMS PRODUCTS.

BASE COLOR: MATTERHORN WHITE #570-535

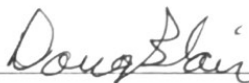
TRIM COLORS: ACRY GLO, DARK BLUE #10596, APRIL GREEN #10620

ALL REQUIRED FLIGHT CONTROLS WERE REMOVED, CHECKED FOR BALANCE AND REINSTALLED

IN ACCORDANCE WITH CESSNA FLIGHT MANUAL.

FILED UNDER FILE#740

AUTHORIZED SIGNATURE: DOUG BLAIR



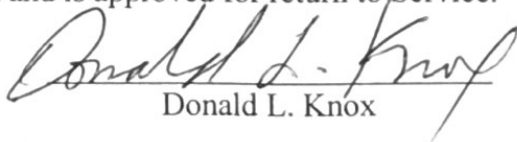
A#451041859

Northwest Arkansas Avionics Inc. - P.O. Box 378 - 104 Airport Lane

Mena Arkansas 71953 - CRS # QNBR706X - Ph. 479-394-4061

Reg: N6822U Make: Cessna Model: 414A Serial: 414A0808 Work order #: 1021 Date: 6/29/11

Updated GNS 530 s/n 78408615 and GNS 430 s/n 97115061 data bases using Customer Jeppesen login replacing 1 defective data card. Units will now crossfill. Also updated GNS 530 software complied with SB 0845 to update main software to 6.04 and on GNS 430 complied with SB 0502 updated GPS software to 3.03 and software SB 0844 updated main software to 5.04 version. The identified work accomplished above was performed and inspected in accordance with Current Regulations of the Federal Aviation Administration and is approved for return to Service.



Donald L. Knox



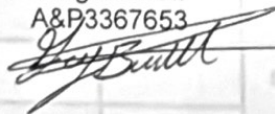
GREGG AIRCRAFT SERVICES, INC.
EAST TEXAS REGIONAL AIRPORT
 155 DOVEL ROAD
 LONGVIEW, TX 75603
 903-643-0980

**N6822U****8-12-11****HR. MTR.: 3122.4**

Repaired right engine inboard nose bowl lower cowl mount. Removed and replaced RH prop governor due to leakage. Repaired by R & D Propeller Service Ref. FAA Form 8130-3 Tracking # 13034. Replaced RH airspeed indicator with new P/N 2052-11 S/N T13366. Static system leak check good.


Greg Burnett

A&P3367653



SUB-TOTAL THIS PAGE

TOTAL - ONLY INVOICED TO ONE PAGE

Greg Burnett
A&P3367653


Date	Total Time In Service	Recording Meter Time
3-23-12	7873.9	3257.5



Cessna 414A0808 N6822U

Log book closed this date and total time. See RAM log 6 for future entries. Pertinent details on file under Project No. 6104.

Stephen Wade

RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco, Texas 76708 CRS VA1R551K

[illegible]

