The Standard Aircraft Log
SA-1

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ASA SA-1

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Book 3

Aircraft Record General Information

Manufacturer Cessna **Model** 414A

Serial 0244 **Registration Number** N3669L

Date of Manufacture

Engine(s) currently installed:

Manufacturer **Model** **Serial**

Manufacturer **Model** **Serial**

Propeller(s) currently installed:

Manufacturer **Model**

HUB Model **Serial** **Serial**

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

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

Registered Owner Record

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

GRA

GRA

THORIZED RELEASE CERTIFI

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

outhwest Instruments FAACRS KD3R627L

Road St., Corona, CA 92880

#	Part Number	8 Eligibility	10 Quantity
	G-1050A	N/A	1

Ph 86A003

No: 177062

N 36882
12/16/93
Hdbk 4365

n block 12/13 except as otherwise specified was carried out in accordance

component is considered ready for release to service under JAA Accep

YEAR

DATE

Timmerman Field
Milwaukee, WI

GRAN-AIRE, INC.

Phone (414) 461-9000
Fax (414) 461-8007

N3540Q

4-30-99 Gulfstream G159-3 TTAF 4395.3 LIFE TIME 88-462.3 B/O SIN 90 142.3

Completed annual inspection this date. Inspected wings, tail, and fuselage. Fabricated and installed doublers on skin at B/O MLG wheel well. Removed rear fuel box inspection panel and re-sealed as needed. Inspected cables and cockpit. Removed and replaced two bulb domelights with new. Inspected windows and doors. Checked lights and horn. Repaired new light wires as needed, ops check good. Re-secured LH de-ice light assembly as needed, ops check good. Inspected aft baggage area. Inspected O2 and hydraulic systems. Inspected cabin heater and checked combustion blower breaker. Installed new placard on new baggage door. Inspected instrument panel and wiring. Inspected and cleaned outflow valves. Inspected air conditioning components. Inspected control surfaces, cables, and pulleys. Removed and replaced two pulleys for rudder autopilot system with new. Lubed aircraft grease. ~~Performed emergency extension and bleed gear~~. Inspected landing gear, wheels, tires, and brakes. Removed and replaced NLG door sub carry with new. Removed and replaced both MLG steering control pulleys with new. Removed and replaced Variable regulator filters. Inspected and cleaned fuel strainer. Removed and replaced O2 F battery with new, next due 10/6. Inspected ELT (AW FAB91-207), ops check good. Inspected and serviced battery. Removed and replaced diode on external power relay. Checked cabin equipment for status and condition. Performed post inspection test-up.

I certify that this aircraft or engine has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. Pertinent details of the work performed are on file at this agency under work order no. N/A

Signed: [illegible] CRS No. A2OR331C

854972 Model 9430

1. Approving National Aviation Authority/Country: FAA/United States

2. AUTHORIZED RELEASE CE

FAA Form 8130-3, AIRWORTHINESS A

4. Organization Name and Address: Instrument Tech Corp. 15060 Bellwood Parkway Addison, Texas 75001

5. Item	7. Description	8. Part Number	9. Ser
1	Novatelar Timer	701296-0	

12. Remarks: Work order 041177 describing the work is at [illegible] 6803.

repair are on file at this agency under work order no. [illegible]

Signed: [illegible] AMT No. [illegible]

[illegible]	3. Form Tracking W4571
[illegible] Avenue 5207	4. Work Order 4571
11. Serial No. 77920	12. Work ☐ Perf. Part ☒ Repair ☐ Overhaul

YEAR

DATE

Timmerman Field
Milwaukee, WI

GRAN-AIRE, INC.

Phone
Fax

N3400Q

3-20-08 Hobbs xxxx

Removed and replaced R/H MLG tire with new. Removed and replaced R/H MLG wheel assembly with new P/N 40-1310A. Checked bearings.

With respect to the work performed on this aircraft and/or engine identified above, it has been inspected and/or repaired in accordance with current Federal Aviation Regulations and found to be airworthy for return to service. Pertinent details of the repair are on file at this agency under work order no. 17140

Signed _____ A&P No. 2561571AM

Timmerman Field
Milwaukee, WI

GRAN-AIRE, INC.

Phone
Fax

N3400Q

3/20/08 Hobbs 4444 hrs

Completed with SCWA 28-07 dated 11/14/96 for inspection and pressure test of cabin heater. Tested combustion air switch. Current heater hobbs = 423 hrs. Next inspection due 723 HRS or 5/08.

With respect to the work performed on this aircraft and/or engine identified above, it has been inspected and/or repaired in accordance with current Federal Aviation Regulations and found to be airworthy for return to service. Pertinent details of the repair are on file at this agency under work order no. 17139

Signed _____ A&P No. 2707787AM

Timmerman Field
Milwaukee, WI

N3400Q

7/13/04 (hobbs 4481) 7/14/07 4481

Completed 100 hour inspection line item. Ch
system. Repaired defective wire for LH wi
tail and nose. 1/16 MEDIUM HILL dated 1/1
instructions and figures. See W/O's attached
windows and cabin door. Fit and installed nel
aircraft. Inspected and lubed landing gear. N
blow down tire due 1/11. Replaced bulb left
operational check of cabin heater. Serviced
hydraulic filter with new. Have replacements
hose, P/N 1310-0-1147, see W/O attached.
released, forward fuel panel under LH wing.
Touched up paint as needed. Replaced tourin
door placards with new placards. Checked
due 7/05. Inspected portable fire extinguisher
I certify that the aircraft or engine has been
in airworthy condition. Pertinent details of the

Signed _____

RETURNED RELEASE CERTIFICATE

672990

TRANSFER TO:
Cessna Aircraft Company
Cessna Parts Distribution Dept. 750
5800 E Pawnee, Wichita, KS 67218

Qty | Number | Description | Condition | Serial Number | Date
1 HOSE 87 | 350-0-0140 | 750 ARTIC LI N/H | 1 | 172563

REMARKS
NO MISSING MISSING

750 ARTICLE N/H

Supply hose to be dry

FOR ORDER

Authorized Signature | Certificate Number | Authorized Signature
ROBERTA L. WYGOSKI SR. | EXPIRY 01/01/2008

U.S.A.

FAA FORM 8130-3

ALL-2503

ALL-4492

Aero Electric, Inc.
3414 W. 29th Street South
Wichita, Ks 67217

1	LANDING LIGHT ASSY	45-0148-10	*	1	82353 ALL-2503	OBC

*To be verified by installer, See B/S

NOW AT LINDBERG

SEP 1 1

Part Approved

Approved as
Details of the

Form Approved
Fax

attach all other
necessary

Approved as
Details of the

Transportation Co.
Milwaukee, WI

WHEREAS
Light assembly
Work suspect
accordance w
repair are on file
Signed

Transportation Co.
Milwaukee, WI

WHEREAS
By considered
Work suspect to the
accordance with
repair are on file
Signed

SUBMITTED

FAA FORM 8130-3

Airworthiness Approval Tag

U.S. Department of Transportation Federal Aviation Administration

W4978

SLE

4951 South Howell Avenue
Milwaukee, WI 53207

4978

		1	NSN	

Instructions/Disposition

Waukesha Flying Services, Inc.
2525 Aviation Dr. • Waukesha, WI 53188

Phone (262) 549-0348
Fax (262) 549-1030

YEAR

DATE

[illegible]

I hereby certify that this [illegible] has been inspected in accordance with a [illegible] inspection and was determined to be in an Airworthy condition.

Mark J. Fabian
MARK J. KOSHMAN A-[illegible]

GRAN-AIRE, INC.

Timmerman Field
Wheatfield, WI

Phone [illegible]
Fax [illegible]

YEAR

DATE

NOTES:

[illegible]

Complied with AD94-23-16 dated 1/1/00 by visual inspection of inverted heater fuel pressure shut-off valve. No leaks noted. Next inspection due 4/701 hrs/hours or 1/00.

With respect to the work performed on this aircraft and/or engine identified above, it has been inspected and/or repaired in accordance with current Federal Aviation Regulations and found to be airworthy for return to service. Permanent details of the repair are on file at this agency under work order no. [illegible]

Signed [illegible] A&P No. [illegible]

Date

Hours

Parts

Labor

Total

1-800-443-4480 SKYCOM AVIONICS, INC. W # 56829

YEAR

DATE

ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

TEST ALT (x 1000 FT)	-1	0	0	1	1.5	2	3	4	5	6	8	10	12	14	16	18
TOL. (± FT)	20	20	20	20	20	20	20	20		40	40	40	60	100		110
INITIAL	20	0	16	30	30	0	0	20		0	30	30	0	10	35	0
FINAL																

TEST ALT (x 1000 FT)	18	20	22	25	30	35	40	45	50	BARO. SCALE ERROR (TOL. ± 20 FT.)							
TOL. (± FT)	100	100	100	100	100	100	100	100	200	20	20	20	20	20	20	20	20
INITIAL	75	30	70	0	0	30				20	20	20	20	20	20	20	20
FINAL										20	20	20	20	0	20	20	20

HYSTERESIS (TOL. ± 75 FT.) MAX. 50% 45 40% MAX. 75 AFTER EFFECT (TOL. 30 FT.) ok CASE LEAK ok

ALTIMETER MAKE	Tested	BARO ENCODER MAKE	Tested	TRANSPONDER MAKE	Gulton
MODEL	2P	MODEL	2P	MODEL	270-529
S/N	1-11-04	S/N	1-11-04	S/N	1551-2884

CERTIFIED ALTIMETER PER FAR 43, APP. E (a) TO 56,000 FT. TO COMPLY WITH FAR 91.411
CERTIFIED STATIC SYSTEM PER FAR 43, APP. E (a) TO COMPLY WITH FAR 91.411
CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM PER FAR 43, APP. E (a) TO COMPLY WITH FAR 91.411
CERTIFIED TRANSPONDER PER FAR 43, APP. F TO COMPLY WITH FAR 91.413

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Performed details are on file at this station under the following work number.

Date 1-18-15 Tach/Hobbs 9523 W.O. 56777 Signed

WAUKESHA COUNTY AIRPORT / UNITED FIELD

1-800-443-4480 SKYCOM AVIONICS, INC. W # 56829

YEAR

DATE

ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

TEST ALT (x 1000 FT)	-1	0	0	1	1.5	2	3	4	5	6	8	10	12	14	16	18
TOL. (± FT)	20	20	20	20	20	20	20	20		40	40	40	60	100		110
INITIAL	20	0	0	0	0	0	0	20		0	30	30	0	10	35	0
FINAL																

TEST ALT (x 1000 FT)	18	20	22	25	30	35	40	45	50	BARO. SCALE ERROR (TOL. ± 20 FT.)							
TOL. (± FT)	100	100	100	100	100	100	100	100	200	20	20	20	20	20	20	20	20
INITIAL	75	30	70	0	0	30				20	20	20	20	20	20	20	20
FINAL										20	20	20	20	0	20	20	20

HYSTERESIS (TOL. ± 75 FT.) MAX. 50% 50 40% MAX. 75 AFTER EFFECT (TOL. 30 FT.) ok CASE LEAK ok

ALTIMETER MAKE	Tested	BARO ENCODER MAKE		TRANSPONDER MAKE	
MODEL	2P	MODEL		MODEL	
S/N	1-11-04	S/N		S/N	

CERTIFIED ALTIMETER PER FAR 43, APP. E (a) TO 56,000 FT. TO COMPLY WITH FAR 91.411
CERTIFIED STATIC SYSTEM PER FAR 43, APP. E (a) TO COMPLY WITH FAR 91.411
CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM PER FAR 43, APP. E (a) TO COMPLY WITH FAR 91.411
CERTIFIED TRANSPONDER PER FAR 43, APP. F TO COMPLY WITH FAR 91.413

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Performed details are on file at this station under the following work number.

Date 1-18-15 Tach/Hobbs 9523 W.O. 56777 Signed

WAUKESHA COUNTY AIRPORT / UNITED FIELD

YEAR	RECORDING HOUR 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 Person Performing Work)

MERCURY AIR CENTER FAA APPROVED REPAIR STATION RU8R320C

LOG BOOK REVIEW / MAINTENANCE ADVISORY REPORT W/O 13449 DATE 03-03-05

AIRCRAFT	MODEL	SER.NO.	TT	ACFT.TT	ORIGIN
CESSNA	414A	414A0214	4440.5		

Completed the following maintenance:

Wing boots will not deflate, troubleshoot system and found hosed line at RT wing control valve. Replaced line and patched holes in boots, operational checked good at this time. Owner request compression check and visual on R1/2A engines. Visual checked good and compression was LE R1-07/80, R2-08/80, R3-03/80, R4-08/80, R5-12/80, R6-04/80, R6 R1-03/80, R2-08/80, R3-04/80, R4-08/80, R5-41/80, R6-12/80. The A/C, engine or component identified above was repaired and inspected IAW current FAA regulations and in accordance with request to work performed. Returned aircraft to service. SMD.

Date: 03-03-05

Signed [signature] For
(Signature of Authorized Individual)
MERCURY AIR CENTER 4001 AIR STREET
FORT WAYNE, INDIANA 46809
F.A.A. REPAIR STATION RU8R320C

YEAR	RECORDING HOUR 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 Person Performing Work)

MERCURY AIR CENTER

LOG BOOK REVIEW / MAINTENANCE A

AIRCRAFT	MODEL	SER
CESSNA	414A	414A

Completed the following maintenance
left landing light assembly/lens
and replaced spare p/n 6A581,
reversible right gauge p/n 011
to 1800psi. The A/C, engine or
inspected IAW current FAA regula
performed. Returned aircraft to s

Signed [signature]
(Signature
MERCURY AIR
FORT W
F.A.A. RE

AUTHORIZED RELEASE CERTIFICATE

1.053151

Cessna Aircraft Company
Attn Distribution Dept. 722
Hangar, Wichita, KS 67215

1 Number	2 Status	3 Quantity	4 Unit
011502-11	NEW	1	EA

APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.

13 8-4-05 FOR 8998

5 Description	6 Serial Number	7 Contract Number	8 Work Order Number
KI 58, [illegible]	[illegible]		

Additional Information

N 36452 v.2 v.5 F.8 10-22-05

1. Approving Civil Aviation Authority / Country: United States

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

2. Form Tracking Number: AA 46355

3. Organization Name and Address: Aero Accessories, Inc. - 1240 Springwood Avenue • Gainesville, FL 32601 USA
FAA PMA (FOREIGN)

4. Work Order/Contract/Invoice Number: 46355

Item	8. Description	9. Part Number	10. Status	11. Quantity	12. Serial/Batch Number	13. Remarks
1	Dry Air Pump	44200-W	N/A	1	33602	Newly Overhauled

14. Remarks: Overhauled & Tested in accordance with FAA approved data.

15. Certification: Airworthiness approval tag is in conformity to:
☐ Approved design data and are in a condition for safe operation.
☐ Other approved design data specified in Block 14. 7

16. Authorized Signature: [signature]

17. Approval/Authorization No.: FA0R0B3M

18. Name/Title of Signer: KIM CLAAR

19. Date (M D Y): OCT 21 2004

Certificate Requirements

WO# 11054

PMA APPROVED REPAIR STATION NUMBERS

WO5

old pump
to 1646 5

TER

MERCURY AIR CENTER FAA APPROVED REPAIR STATION NUMBER[illegible]

LOG BOOK ENTRY / MAINTENANCE ACTIONS WO#[illegible] W/O [illegible] DATE 11-19-04

AIRCRAFT	MODEL	SER NO	SMS	ACFT TT	CYCLES
-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Completed the following maintenance:

Completed Annual Insp this date DAW Cessna 414 service manual inspection guide. C/W 12mo ELT check per FAA 91.207(d) replaced batt p/n 00-40-42 due date Aug. 07. Replaced left main tire with b/r p/n 113 8000-10 8ply. Repaired broken wire on L/H eng prop sync and L/MS prop heat slip ring. Changed RH eng prop heat brushes p/n 8[illegible]011. Replaced green switch p/n 9[illegible]011. Installed new auto bars. D-240 a/n 0[illegible]. Replaced L/MS eng induction filters p/n 2[illegible]. Replaced cockpit air filter p/n 8[illegible] 8000hr time ch. Replaced RH alt O/H bearing and gsk p/n 3[illegible]-10A. C/W 4000hr hyd filter change for eng driven pumps p/n 8[illegible]-2A. C/W 4000hr air cond hyd filter change p/n 8[illegible]. C/W AD 76-07-07 alt bearing. RH eng only. C/W 95-09-18 4000hr fuel inlet fixed valve check. C/W AD 84-21-05 heater comb air press switch. C/W AD 84-23-16 heater fuel seq shutoff switch. C/W AD 00-01-16 21/91 exhaust loop 50hr ins. 800hr ins. 12mo ins. C/W AD 2005-20-09 loop C/W switch. Issued SRM remaining on 1000hr time change. AD 2005-12-13 wing spar cap int. due till 10000hr MCMT gen pack. [illegible] weekly current. Ground comp operational and leak checked good. Details of insp on file at this location. The A/C, engine or component identified above was repaired and inspected IAW current FAA regulations and is airworthy with respect to work performed. Returned airworth to service. DAW

Mechanic [illegible]

01-09-06
[signature]
FAA Repair Station - [illegible]
[illegible] - F-[illegible]

YEAR	[illegible]
DATE	

MERCURY AIR CENTER-FWA [illegible]

ALTIMETER STATIC & TRANSPONDER CERTIFICATE

PILOT [illegible]

CO-PILOT ___

[illegible]

TRANSPONDER

[illegible]

ALTIMETER

[illegible]

[illegible]

MERCURY AIR CENTER [illegible]

[illegible] FORT WAYNE, IN [illegible]

[illegible]

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT
DATE		
	CO PILOT	

MERCURY AIR CENTER-FWA [illegible]

ALTIMETER STATIC & TRANSPONDER CERTIFICATE

CO-PILOT ___

[illegible]

TRANSPONDER

[illegible]

ALTIMETER

[illegible]

[illegible]

MERCURY AIR CENTER [illegible]

[illegible] FORT WAYNE, IN [illegible]

[illegible]

YEAR / DATE	HOURS/MINS 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.)

MERCURY AIR CENTER FAA APPROVED REPAIR STATION NLMA501C

LOG BOOK ENTRY / MAINTENANCE ADVISORY WORKORD W/O 18878 DATE 02-01-08

AIRCRAFT	MODEL	SER.NO.	SMS	ACFT.TT	CYCLES
CESSNA	414A	414A0144	4811.0	4811.0	

Completed the following maintenance:

Removed and replaced squat switch on left gear p/n 1193-6, rigged switch IAW Cessna 414A R/M operational checked good. The A/C, engine or component identified above was repaired and inspected IAW current FAA regulations and is airworthy with respect to work performed. Returned aircraft to service. RMC.

Date: 02-01-08

Signed [signature] For
(Signature of authorized individual)
MERCURY AIR CENTER 4121 AIR STREET
FORT WAYNE, INDIANA 46809
F.A.A. REPAIR STATION NLMA501C

AIR SERVICES FAA APPROVED REPAIR STATION NLMA501C

LOG BOOK ENTRY / MAINTENANCE ADVISORY WORKORD W/O 18878 DATE 02-18-07

AIRCRAFT	MODEL	SER.NO.	SMS	ACFT.TT	LANDINGS
CESSNA	414A	414A0144	4809.2	4809.2	

Completed the following maintenance:

C/W WO#0008-28-29 Replace C/B Switch, WO#0010-2 removed C/B switch p/n 1583-50 date code 2107, installed p/n CM2583-52 date code 0802, next change due in 1000hr, ACFT TSN:2. The A/C, engine or component identified above was repaired and inspected IAW current FAA regulations and is airworthy with respect to work performed. Aircraft returned to service. RMC.

Date: 02-18-07

Signed [signature] For
(Signature of authorized individual)
AIR SERVICES 12207 West Dalmatian Rd.
FORT WAYNE, INDIANA 46818
F.A.A. REPAIR STATION NLMA501C

Signature of Pilot

AIR SERVICES FAA APPROVED REPAIR STATION NUMBER[illegible]

LOG BOOK ENTRY / MAINTENANCE ACTIONS FORM[illegible] W/O [illegible] DATE 03-23-07

AIRCRAFT	MODEL	SER.NO.	SH	ACFT.TT	LANDINGS
CESSNA	414A	414A0164	6519.8	6519.8	

Completed the following maintenance:

Completed Annual Insp. IAW Cessna 414 service manual inspection guide. C/W 12mo EIT check per FAR 91.207(d) Batt Date Aug 07. Gear blowdown bottle hydro constraint C/W by Beech Global Product Support, p/n 5611154-1, s/n Assy 1788 Cyl 4710EW, next due 3-2012. Replaced O2 bottle with hydro constraint C/W by Shoreline Marine, Inc. dba Safetech, p/n 8084-25, s/n 4910484, next due 3-2012, mfg date 12-01. Both eng fire bottle hydro check C/W by Shoreline Marine, Inc. next due 3-2012, new cartridges installed next change 3-2011. A/P actuator repaired by Autopilots Central, Inc. p/n 47850-4915, s/n 3268. C/W heater delay test, SN 615.5. C/W 3yr/1000hr insp items. C/W 400hr dong brake insp. C/W AD 1978-02-07 R11 bearing insp (RT Eng only) C/W AD 2000-01-16 eng exhaust insp part 5 & 6. C/W AD 2004-25-14R2 insp heater fuel regulator. Ground runup operational and leak checked good. Details of insp on file at this location. The A/C, engine or component identified above was repaired and inspected IAW current FAA regulations and is airworthy with respect to work performed. Aircraft returned to service. EMS.

Date: 03-23-07

Signed [illegible] For
Signature of authorized individual
AIR SERVICES 11007 West Reisinger Rd.
FORT WAYNE, INDIANA 46818
F.A.A. REPAIR STATION NUMBER[illegible]

AVIONICS SHOP INC. TACOMA NARROWS AIRPORT, 1528 24TH AVE NW STE A GIG HARBOR, WA 98335
LOG ENTRY 101 27-June-2007 WOR 12238 REF# 12238 HOBBS 4884.7
N3880Q S/N 414A0164 CESSNA 414A Pg 1 / 2

PERFORMED AVIONICS UPGRADE. REMOVED THE FOLLOWING UNITS: KX-155, WIDEBAND FUEL FLOW SYSTEM (INCONSEQUENTIAL), KN-1, KN-53 SYSTEM, KNS-80, KY-196A, A-NTI, KMA 24, ASSOCIATED WIRING. INSTALLED THE FOLLOWING SYSTEMS AND UNITS: KGR-750 ENGINE MONITOR, KMD 550 MULTI-FUNCTION DISPLAY, GARMIN GTX327A, OPTICOM/MAYDAY, GDL-69A WEATHER MODEL OPLINK, GSR56-TSA-R11 MODEL ENCODER, GARMIN GTS327A, KIRAN VIDEOMAC KVISIT MODULE, AMP & PHILIPS DB25 VIDEO CONNECTOR. ALL UNITS INSTALLED USING FACTORY SUPPLIED INSTALLATION MANUALS AND KITS, APPLICABLE ADVISORY CIRCULARS, AND COMMON AVIONICS INDUSTRY PRACTICE. INTEGRATED INTO AIRCRAFT WIRING AS NEEDED, AND PROGRAMMED AS REQUIRED. SEE LIST AS NOTED BELOW. THIS INSTALLATION CONSIDERED TO BE A MINOR ALTERATION.

1. KMD-550M MULTI-FUNCTION DISPLAY. UNIT WAS INSTALLED USING APPROVED DATA FROM STC # SA02515LA. THIS INSTALLATION IS APPROVED BY MODEL AIRCRAFT INCLUDED ON THE AIRCRAFT MASTER LIST. FOR FURTHER INFO SEE FAA FORM 337 DATED 07/2007. DAVINTSO HAS APPROVED FLIGHT MANUAL SUPPLEMENT NOTED IN DATA SEC. F.A.A. 25 FOR THE STC. A PLACARD INSTALLED ON THE INSTRUMENT PANEL. "GPS APPROVED FOR VFR NAVIGATION".

2. KIRAN SYSTEMS KVISIT MODULE. UNIT WAS INSTALLED USING APPROVED DATA FROM STC # SA00[illegible]. THIS INSTALLATION IS APPROVED BY MODEL AIRCRAFT INCLUDED ON THE AIRCRAFT MASTER LIST. FOR FURTHER INFO SEE FAA FORM 337 DATED 07/2007. DAVINTSO HAS APPROVED FLIGHT MANUAL SUPPLEMENT NOTED IN DATA SEC. F.A.A.

3. GARMIN FUEL FLOW TRANSDUCERS. UNITS WAS INSTALLED USING APPROVED DATA FROM STC # SA00[illegible], ON EACH ENGINE. FOR FURTHER INFO SEE FAA FORM 337'S DATED 07/2007.

4. KGR-750 ENGINE MONITOR. UNIT WAS INSTALLED USING APPROVED DATA FROM STC # SA00[illegible]. FOR FURTHER

AVIONICS SHOP, INC. TACOMA NARROWS AIRPORT 1535 26TH AVE NW STE A GIG HARBOR, WA 98335
LOG ID# 303 07-June-2007 WO# 12336 REF# 12336 HOBBS 4984.7
N38652 S/N 414A0344 CESSNA 414A

Pg 2 / 2

[illegible] FAA FORM 337 DATED 07JUN07. INSERTED FAA APPROVED FLIGHT MANUAL SUPPLEMENT DATED AUG 31, 2005 INTO F.A.M.

[illegible] WITH EXCEPTIONS. COMPLETE ALTIMETER. SEE 91.413 AND 91.417 [illegible] AND EQUIPMENT LIST DATED JUN 07, 2007. [illegible]

I certify the attached [illegible] have been found to meet the requirements of FAR 91.411 and FAR 43 Appl B on this date [illegible]

Aircraft [illegible]

Signature [illegible]

Avionics Shop Inc
FAA CRS [illegible]
Tacoma Narrows Airport, Gig Harbor, WA 98335

I certify the transponder system listed above has been tested and found to meet the requirements of FAR 91.413 and FAR 43 Appl F on this date [illegible]

Aircraft [illegible]

Signature [illegible]

AVIONICS SHOP, INC. TACOMA NARROWS AIRPORT 1535 26TH AVE NW STE A GIG HARBOR, WA 98335
LOG ID# 304 07-June-2007 WO# 12338 REF# 12338 HOBBS 4984.7
N38652 S/N 414A0344 CESSNA 414A

Pg 1 / 1

1. GENERATED FAA FORM 337 DATED 07JUN07 FOR INSTALLATION OF GA-72 WX SATELLITE DATA LINK ANTENNA AT STATION 137.0. IN ACCORDANCE WITH LISTING AND ENGINEERING DRAWING 414A01-0130-01-1 AS LISTED ON FAA FORM 8110-3 DATED 05/16/2007 BY CONTROLAIR.

2. GENERATED FAA FORM 337 DATED 07JUN07 FOR INSTALLATION OF GA-72 GPS ANTENNA AT STATION 137.0. IN ACCORDANCE WITH LISTING AND ENGINEERING DRAWING 414A01-0130-01-1 AS LISTED ON FAA FORM 8110-3 DATED 05/16/2007 BY CONTROLAIR.

DRAWINGS HELD ON FILE AT AVIONICS SHOP, INC. FOR GEAR VERIFICATION. WEIGHT AND BALANCE UPDATED.

[illegible]

HOURS	REC'D TACH TIME				
DATE	Associated Aviation Inc.	8/8/07	253-853-7167		Technician or Repair
	Tacoma Narrows Airport	N36892	LH Engine Log Entry		
	Gig Harbor WA. 98335	Cessna 414A S/N 414A0244	W/O# 3295		
	Hobbs 4974.7				

* Installed PowerPac Wing Spoiler System in accordance with Spoilers, Inc. STC No. SA4513NM. See FAA Form 337 this date. Weight Balance & Equipment List data revised as required.
* Installed new seal P/N 3622[illegible]-4 & H-Fixed at LH wing inner LE fuel panel adjacent of nacelle.
* Installed new O-ring seals P/N MS29513-006 & -213 at LH nacelle drain valve
* Installed new P/N MC[illegible]-23 AC blower [illegible].
* Tested the LH throttle control cable and mechanism(s).

I Certify that the aircraft or component described above has been repaired and inspected (IAW Industry Standard Practices) and is satisfactory for return to service with respect to the work performed only.

Ben A Olson AP 2210241 IA _____ 8/8/07

For **Associated Aviation** W/O 3295

HOURS	REC'D TACH TIME				
DATE	Associated Aviation Inc.	8/17/07	253-853-7167		Technician or Repair
	Tacoma Narrows Airport	N36892	Aircraft Log Entry		
	Gig Harbor WA. 98335	Cessna 414A S/N 414A0244	W/O# 3329		
	Hobbs 4971.7				

* Removed RH Propeller Hartzell Model PHC-C3YF-2UF/FC7663DB-2C S/N 592489 for repair due to ground strike inspection.
* Installed Overhauled Exchange Propeller Hartzell Model PHC-C3YF-2UF/FC7663DB-2C S/N 592931
* Removed RH Engine TCM Model TSIO-520-NB S/N 244849-R for Propeller strike inspection per TCM publication requirements in accordance with TCM SB98-11A.
  See RH engine log entry this date for details.
* Removed the nose landing gear assy. for inspection and overhaul. Disassembled, cleaned, stripped paint and performed visual and PM inspection of the non-ferrous components and performed MPI inspection of the piston tube. Refinished and reassembled with all new seals, hardware, bearings, bushings and misc. consumables as required. Installed used serviceable upper and lower drag brace assy due to inability to remove frozen center bolt. Reinstalled into aircraft and performed rigging and operational checks.
* Installed new nose wheel assy Parker/Cleveland P/N 40-146A with new tire Michelin P/N 571-2144 and new inner tube 007-900-0/1DB-2-6.
* Performed visual inspections of the LH engine mounting structures and support beams for hidden damage - none noted.
* Removed & Reinstalled RH Propeller Governor Woodward P/N A2137109 S/N 248[illegible]. Overhaul 3XIV Woodward CHP 33201 By Wings Week Governor, Co. FAA CRS# YWWT[illegible]A, WO# WW[illegible]

8/17/07

I Certify that the aircraft or component described above has been repaired and inspected (IAW Industry Standard Practices) and is satisfactory for return to service with respect to the work performed only.

Ben A Olson AP 2210241 IA _____ 8/17/07

For **Associated Aviation** W/O 3329

Associated Aviation Inc. 10/12/07 253-853-7167

Tacoma Narrows Airport **N36892** ***Aircraft Log Entry***

Gig Harbor WA 98335 **Cessna 414A S/N 414A0344** **W/O# 3446**

Hobbs 4932.7

- Adjusted nose gear downlock switch one (1) flat, safetied. Swung gear through four (4) fault-free cycles.

I Certify that the aircraft or component described above has been repaired and inspected IAW Industry Standard Practices and is satisfactory for return to service with respect to the work performed only.

Ben A Dixon AP [illegible] [signature] 10/12/07

For **Associated Aviation** W/O 3446

…nd Alterations

…tate Number of Technician or Repair

AVIONICS SHOP, INC. TACOMA NARROWS AIRPORT 1026 26TH AVE NW STE A GIG HARBOR, WA 98335
LOG ID# [illegible] 19-December-2007 WO# 12486 HOBBS [illegible]
N36892 S/N 414A0344 CESSNA 414A Pg 1 / 1

[illegible] GARMIN SOFTWARE SERVICE BULLETIN [illegible] REV A. [illegible] SOFTWARE VERSIONS TO V3.00 AND V3.0 RESPECTIVELY. AMENDED OLD AIRPLANE [illegible] P/N [illegible] REV & DATED [illegible]. UPDATED F.O.M. WITH NEW AIRPLANE [illegible] P/N [illegible] REV & DATED [illegible]. END.

[signature]

Repair of [illegible] Goodrich Pneumatic de-ing Boots using Boots Inc Repair Procedure [illegible] on FAA Form 8110-3 dated [illegible] Surface Prep, Fill Pin Holes, Repair Splits and Cuts. Finish Surface with Boots "C" Wax. Complete the process on The 2 Wings, 1 Vertical, 2 Horizontals leading edge surfaces with

Others 2 inboards

BOOTS INC MAINTENANCE RELEASE

The appliance identified above was repaired and inspected in accordance with Current maintenance rules and is approved for return to service.

Work Order No. 1666 Date 09/27/2007

Aircraft Make Cessna 414A SN 0344

N 36892 Hobbs/Tach/Flight 4982.5

Signed [signature]

Signature of Authorized Representative

Repair Station Number [illegible]

Cimarron

Aircraft Corp.

El Reno Airpark • Hangar #4 • El Reno, Oklahoma

(405) 262-5444

Make CESSNA Model 414

N— [illegible] SN

The aircraft identified above was painted in accordance with current [illegible]. All flight controls were balanced in accordance with current manufacturer's recommendations and is approved for return to service.

Signed [signature]

Date [illegible]

A [illegible]

Cimarron

Aircraft Corp.

El Reno Airpark • Hangar #4 • El Reno, Oklahoma

(405) 262-5444

Make CESSNA Model 414

N [illegible] SN

The aircraft identified above has had the interior replaced by Cimarron Aircraft Corporation. [illegible] of all materials used is determined to be in accordance [illegible] [signature]

Associated Aviation Inc. 1/2008 253-853-7167
Tacoma Narrows Airport N36892 Aircraft Log Entry
Gig Harbor WA 98335 Cessna 414A S/N 41440244 W/O# 3517
Hobbs 1036.4

* Replaced rear wheel inner tube Michelin P/N00-313-0, balanced wheel and tire. Reinstalled.

Ben A Oken AP 2310241 IA 1/7/08
For Associated Aviation W/O 3517

| Alterations
Air Number of Technician or Repair |
|---|
| |

| Date | Accumulated Total 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.) |
|---|---|---|---|---|
| | | | | |

Cimarron
Aircraft Sales
El Reno Airpark • Hangar #4 • El Reno, Oklahoma
(405) 262-5444

Base Coat: 270-515 WHITE JET GLO

Trim Color: TOP W10888 C GOLD ACRY GLO
CENTER W10809 CT BURG ACRY GLO
BOTTOM W10884 BLACK ACRY GLO