



MISC
AUTO
&
ELECTRIC
TRAINING

MISC MISC INFO

MISC FLIGHT
MANUAL

6444 NOT A

ERECT & MAINT

HARTZELL

AIRCRAFT LOG I

Repair Storage
AIRCRAFT LOG VII

AIRCRAFT LOG II

AIRCRAFT LOG VIII

LYCOMING
ENGINE LOG
L

AIRCRAFT LOG III

AIRCRAFT LOG IX

AVCO LYCOMING
ENGINE LOG
AVCO LYCOMING DIVISION
WILLIAMSPORT, PENNSYLVANIA
SSP 1872

AIRCRAFT LOG IV

AIRCRAFT LOG X

AVCO LYCOMING
ENGINE LOG
AVCO LYCOMING DIVISION
WILLIAMSPORT, PENNSYLVANIA
SSP 1872

AIRCRAFT LOG V

AIRCRAFT LOG XI
REPLACE #11 BATTERY BY:
11/12
11/12 XI

AIRCRAFT LOG

REPLACE ELT BATTERY BY:
MAY 2019

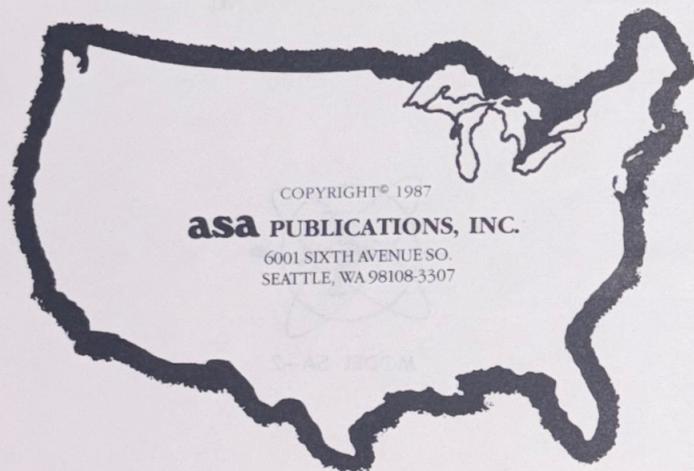
NISW
BOOK XII

The Standard



AIRCRAFT LOG

ASA-SA-2



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6001 SIXTH AVENUE SO.
SEATTLE, WA 98108-3307

AIRCRAFT RECORD - GENERAL INFORMATION BOOK XII

MANUFACTURER GRUMMAN MODEL G 44A SERIAL 1452
REGISTRATION NUMBER N 1 SW DATE MFG. 6-10-1946

ENGINE(S) CURRENTLY INSTALLED.
MFG LYCOMING MODEL G0-480-B1D SERIAL LEFT RL 502-28
MFG LYCOMING MODEL G0-480-B1D SERIAL RIGHT RL 488-28

PROPELLER(S) CURRENTLY INSTALLED.
MFG HARTZELL MODEL HC 83V 20-2A1

HUB MODEL _____ SERIAL LEFT D 322 SERIAL RIGHT D 321
LEFT BLADE MODEL V 8433 SERIAL 85508 SERIAL 85393 SERIAL 85714
RIGHT BLADE MODEL V 8433 SERIAL 85296 SERIAL 89525 SERIAL 85584
CLAMPS LEFT S/N L 126 S/N L 401 S/N L 413
CLAMPS RIGHT S/N L 429 S/N L 359 S/N K 9841

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 _____
 NAME _____ ADDRESS _____
 CITY _____ STATE _____ FROM _____ TO _____

NOTES

3/8/92

LOG BOOK XII
 TIME BROUGHT FORWARD FROM BOOK XI
 LAST ENTRY WAS MARCH 4 1992.
 TOTAL AIRCRAFT TIME WAS 7066.1 HOURS
 HOBBS HOUR METER WAS 164.1 HOURS -
 BOTH ENGINES WERE OVERHAULED BY
 ACI AVIATION WHEELING W.V. 26003
 CRS # BBJR371C THE LEFT S/N
 RL 502-28 ON WO# 5251 AND THE
 RIGHT S/N ~~RL~~ 488-28 ON WO# 5247
 ENGINES REINSTALLED AT ACI AVIATION
 PREVIOUS ENGINE TIMES 1523.1 HOURS
 A summary of March AEP 1185634 1A
 12/19/91 TRANSPONDER AT004 S/N 23693, ENCODER NARCO AC 55
 S/N 50027, ALTIMETER GARMIN S/N 670 & STATIC SYSTEM
 CHECKED BY .CRS AVIONICS CRS C06-41 (NAR 5R914M)
 ON WO # 2838

DATE 1992	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-8-92	166.1	2.0	7068.1	TEST FLIGHT SATISFACTORY W/PIREST 1592108 ATP
3-14-92	170.0		7072	INSTALLED ORIGINAL MARCO FLT-10 SN 21887 UNIT TESTED FOR "G" SWITCH OPERATION - BATTERY EXPIRES SEPT 93 Lawrence J. Mank #A1185634
4-1-92	170.0		7072	ANNUAL INSPECTION - REPLACED ELEVATOR & RUDDER GROUND STRAPS - LUBE ELEVATOR TRIM ACTUATOR & RESET - REPLACE LEFT TAIL WHEEL TRUSS BRACKET BOLTS (3) - REPLACE TRUSS BRACKET BOLTING REPLACE LOCK FUNNEL & CHECK RETRICTION & LUBE CLEAN PAINT AIRFLOW PUSHRODS (BOTH) REPLACE RIGHT WHEEL BEARINGS - INSTALLED NEW DISC'S BOTH DRUMS (4) & ALL NEW LININGS (OLD ORGANIC TYPE) SERVICE HYD SYSTEM & CHANGE ACCUMULATOR TO 350# - OLD SEATS INSTALLED - LUBE GEAR & CONTROLS - ADS CHECKED AS ISSUED THIS DATE ON 92-06 - SEE LISTING - CONT -

DATE 1992	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4-1-92	170.0		7072	IN BACK OF BOOK FOR COMPLIANCE OPERATIONAL - FIVE FLITE SATISFACTORY I certify this AIRCRAFT has been inspected in accordance with an Annual Inspection and was found to be airworthy Lawrence J. Mank #A 1185634
5/1/93	244.3	666	7146.3	Repaired minor corrosion at left & right Wing to Fuselage connections in accordance with repair instructions contained in E. Kucath DER drawing dated 19 Jun 1992 See 357 dated 5/1/93 for details. This repair was inspected and found to be airworthy for return to service. Bruce K. Sulley #A 2628444

DATE 1993	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5/17/93	244.3	-	7146.3	ANNUAL INSPECTION COMPLETED THIS DATE - GREASED WHEEL BEARINGS REPLACED LEFT INTER CUP & CONE REPLACED RIGHT OUTER CUP CHECKED BRAKES & SERVICED MASTER CYLS - LUBRICATED LANDING GEAR & TAIL WHEEL CHAIN - GEAR RETRIATED CHECKED HORN & LIGHTS - REPLACED HASE FROM HYD PUMP TO FIREWALL. SERVICED TANK & ACCUMULATOR CLEANED LAND LITE LENS & REPLACED SCREWS CLEANED HEATIC DRAIN LINES CHECKED AD'S AS REC'D THRU 5/13/93 BW 93-06 OPERATIONAL PREPARE SATISFACTORY
				I Certify this AIRCRAFT has been inspected in accordance with an Annual Inspection and was found to be airworthy
				Lawrence J. Marsh IA 1185634

DATE 1993	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5/19/93	7146.3	-	7146.3	REMOVED THE LEFT FRONT & LEFT REAR CABIN SEATS - SEE 337 THIS DATE FOR DETAILS. NEW EMPTY WEIGHT 4190.95 EWCG +16.15 USEFUL LOAD 1309.05 CG LIMITS +15.24 TO +21.0 Lawrence J. Marsh AEP 1185634 IA
				VOID RE SEATS 5' 21" of 93 RE INSTALLED Man AEP 1185634
10/15/93	282.9		7184.7	REMOVED ERT - AIRCRAFT IN STORAGE FOR WINTER Lawrence J. Marsh AEP 1185634

Static system tested and certified per FAR 91.411

and FAR Part 43 Appendix E and F.

North Coast Aircraft Radio, Inc.

1601 North Marginal Road

Cleveland, Ohio 44114

CRS. OR5R103N

W/O # 94043

Date 3/10/94

Signed

David Chmoch

DATE	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS	CERTIFICATE NUMBER OF (IF ENTRIES.)
1994	282.9		7184.7	Checked batteries - top off Hyd fluid - charge accumulator to 450# - cleaned prime main wheels - tax bearings & check brakes - replaced both main gear tires & tubes annually March AIP 1185634	
5-4-94	285.3		7185.5	Annual inspection completed replaced tail wheel cups & cones removed & checked tail wheel truss bolts, lubed gear, checked cables & pulleys, lights & gear horn checked brake & hyd fluid, charged accumulator to 450# - replaced elt battery (may 94) replaced front & aft screws both lower wing plates - checked escape hatch - operational pressure OK CWAD 94-1-3 OK 5 annually March 1A1185634	

North Coast Aircraft Radio, Inc.
1601 North Marginal Rd
Cleveland, Ohio 44114

Customer: *Masek Aviation* W/O # *94043*
 Instrument: *Stanley & P. Davis*
 Installed by: *D. Chmoch* Certificate: *OR5R103N*

Barometer	Instrument Reading	Code	Check	Tolerance
12000	9980	OK		20
10000	20			20
14000	520			20
16000	1020			20
18000	1500			25
20000	2000			30
22000	2000			30
24000	2000			30
26000	2000			30
28000	2000			30
30000	2000			30
32000	2000			30
34000	2000			30
36000	2000			30
38000	2000			30
40000	2000			30
42000	2000			30
44000	2000			30
46000	2000			30
48000	2000			30
50000	2000			30
52000	2000			30
54000	2000			30
56000	2000			30
58000	2000			30
60000	2000			30
62000	2000			30
64000	2000			30
66000	2000			30
68000	2000			30
70000	2000			30
72000	2000			30
74000	2000			30
76000	2000			30
78000	2000			30
80000	2000			30
82000	2000			30
84000	2000			30
86000	2000			30
88000	2000			30
90000	2000			30
92000	2000			30
94000	2000			30
96000	2000			30
98000	2000			30
100000	2000			30

Pilot Leakage: *0* MIL/INCH
 Static Leakage: *2.0* FT. IN
 Test Altitude: *10000* FT.

Transponder system tested and certified per FAR 91.413

and FAR Part 43 Appendix E and F.

Integrated system tests performed.

North Coast Aircraft Radio, Inc.

1601 North Marginal Road

Cleveland, Ohio 44114

CRS. OR5R103N

W/O # 94043

Date 3/10/94

Signed

David Chmoch

MASEK AVIATION INC.
8312 TORRANCE AVE.
BROOKLYN OH 44114

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1984				
2/14/94	319.7		7221.7	CHARGED Hyd ACC - 200 th , FILLED Hyd TANK - REPLACED TAIL WHEEL TIRE & PACKED BEARINGS Lawrence J. Mansel A&P 1185634-
1/16/95	336.1		7238.1	REPLACED GOODRICH TAIL WHEEL & 10.00 SC TIRE & TUBE WITH A CLEVELAND WHEEL P/N 40-199 WITH 410x3.50x4 TIRE & TUBE WEIGHT CHANGE NEG. - 30Z SEE 337 THIS DATE FOR DETAILS Lawrence J. Mansel A&P 1185634
				MASEK AVIATION INC 8812 TORRANCE AVE. BROOKLYN, OH 44144

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1985				
5-1-95	336.1		7238.1	REPLACED L & R GEAR DOOR HINGES REPAIR DOORS AS REQD - REPLACED ALL GEAR RETRACT CYLINDER HOSES (6) - REPLACE ALL HYD HOSES IN LEFT WACELLE (6) - REPLACED HOSES AT Hyd TANK - REPLACED Hyd ACCUMULATOR BLADDER & FITTING - REPLACED FUEL HOSE AT HEATER REPLACED RT LOWER TRUSS TO AXLE BOLT (AN10-62) REPLACED L & R TOP STRUT BOLTS (AN6-23) CHECKED FLT PER 91-207(d) - REPLACED BOTH BEACON BOLBS REPLACED ELEV TRIM & FLAP INW PULLEYS ON REAR SPA CHECK & CHARGE BATTERIES - GREASED WHEEL BRGS REPLACED STATIONARY BLOCKS RT BRAKE - GEAR RETRACTION CHECKED Lawrence J. Mansel A&P 1185634
5/1/95	Tach-336.1	TAT	7238.1	Performed Annual inspection this date using FAR 43 Subject D as a guide - Checked all cables, pulleys, wiring, hoses, controls, skins, hinges cont ->

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1995				
cut ->				Linkage for corrosion, alignment, chuffing & wear. See previous entry for repairs completed. This aircraft was inspected and found to be airworthy for return to service - AD notes check thru 3W9507 for compliance. <i>Bruce Bulloch</i> Bruce Bulloch A&P 2028444 IA
7-13-95	354.6		725.6	INSTALLED A/C CARRIERS INTERIORS INC TYPE 3 C1500-3 SHOULDER HARNESS & SEAT BELT ASSY FOR PILOT & CO PILOT - SEE 337 APPROVED 7/13/95 FOR DETAILS - WEIGHT CHANGE NEEDED <i>Bruce Bulloch</i> A&P 2028444 IA

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1996				
1-12-96		11 7280.9		Removed McKinnin Seats & Replaced with two Cessna Fwd facing & two Cessna aft facing seats in accordance with 337 dated 1-12-96. Fwdl approval. Revised Empty wt & balance as follows: - New EW. 4230.15 New EW CG. +16.47, 269.85 New Useful Load - 4296.55 <i>Bruce Bulloch</i> A&P 2028444 IA

Static system tested and certified per FAR 91.411 and FAR Part 43 Appendix E and F.

North Coast Aircraft Radio, Inc.
1601 North Marginal Road
Cleveland, Ohio 44114
CRS. OR5R103N

W/O # 96147

Date 4/3/96

Signed *David Amodeo*

N15W

Transponder system tested and certified per FAR 91.413 and FAR Part 43 Appendix E and F.

Integrated system tests performed.

North Coast Aircraft Radio, Inc.
1601 North Marginal Road
Cleveland, Ohio 44114
CRS. OR5R103N

W/O # 96147

Date 4/3/96

Signed *David Amodeo*

N15W

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)	DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1996	4-22-96	378.9	7280.9	REPLACED ROTATING BEACON BULB - CHECKED BRAKES - GREASED ALL WHEEL BEARINGS FOR HOSES THAT SERVICED HYD SYSTEM - WERE REPLACED	5-1-96	ELT	-	5-1-96	ELT BAT DUE JULY 1996 TESTED UNIT PER 91.007(d) Lawrence J March AIP 1185634
				REPLACED ELEV TRIM CABLE & CHAIN - LUBED ALL PULLEYS REPLACE PULLEYS AT RODDIER	7-29-96				RETRACTED ELT BATTERY - DUE AUG 98 TESTED PER 91.007(d) Lawrence J March AIP 1185634
7-13-95	4-22-96	378.9	TAT 7280.9	Performed 100th Annual within the scope and detail found in FAR 43 Appendix D. Checked all pulleys cables controls surfaces, electrical and hydraulic systems for integrity corrosion & wear. Checked AIP for compliance thru 96-08. This inspection completed and this aircraft found airworthy for return to service.	2-3-97				KING KX 170B S/N 19418 CONVERTED W/TA Mc Coy MAC 1700 VTX S/N 5495 BY LAURENCE AIRCRAFT ELECTRONICS CR1R070K SEE 337 THIS DATE FOR DETAILS/STC SA1343GL
				Bruce Bulloch A&P 2028444 IA	4-25-97			4-25-97	4-15-97 REPLACED BOTH BATTERIES WITH C35-WITH NEW Lawrence J March AIP 1185634

DATE 1997	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4-25	425.1	-	7327.1	REPLACED TAIL LIGHT SOCKET CLEAN CORROSION AFT RIGHT SIDE OF SEAT - CHECKED BRAKES - CLEAN & PACK ALL WHEEL BELLS. AIRCRAFT HOISTED, GEAR RETRACTED & LUBRICATED ADJUSTED GEAR WARNING LIGHT SWITCH - CHECKED BINGE PUMPS FOR OPERATION - REPLACED BOTH ENGINE FUEL HOSES FROM FIREWALL TO SHUT OFF WHLRS WITH 156 001-10P - ELT TESTED PER 91.207 & - FILLED HYD & CHARGED ACCUM TO 200 PSI ADS CHECKED THRU ATP 97-08 Lawrence J March A&P 1185634
4-25-97	425.1	TR 1327.1		Performed 100 Hr. Annual inspection using FAR 43 appendix D as a guide. - Checked pulleys, control, ables, Skins, Hydraulic & Electrical systems. Performed inspection test on landing gear. Checked all applicable AD's. How 91-08 for compliance. This inspection completed and this -cont-

DATE 1997	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				Aircraft was found to be airworthy for return to service

Bruce Bulloch
Bruce Bulloch
 A&P 202844413

North Coast Aircraft Radio, Inc.
 1601 North Marginal Road
 Cleveland, Ohio 44114
 CRS. OR5R103N
 W/O # 98179
 Date 3/27/98
 Signed *David Jensen*

4-1-98 ELT INSPECTED
 AND TESTED AS REQUIRED
 BY 91.207 (b)
Lawrence J March
 A&P 1185634

ONE PIECE WINDSHIELD 0720

337 1-30-74

ROBERT H RAZZY

IA 1104338

LOG BOOK ENTRY

WIN AIR SERV CO INC

WO # 472

GENE S M... AAP 2148951

ection# 12066
pec. AF
ec. AF
ec. AF
FM
FM
"BUBBLE"

Manufac. Date

REPAIRS AND ALTERATIONS
RATING AND CERTIFICATE NUMBER OF
PAGES FOR OTHER SPECIFIC ENTRIES.)

FAA-PMA ONE
P/N 54-350 FROM
DS CO TO REPLACE
AND INSTALLED
LEFT BOOST
TF 900-5 S/W TF 447723
CRAFT ACCESSORIES
8292 WO # N 8873
AAP 1185634

al Time 1376.8

with a 100th Manual
ers Service Instruction
"P" as a guide.

This inspection is completed and this aircraft
was found to be airworthy for return to service. AD
Notes thru BW 98-10 have been checked for compliance.
Discrepancies are found in the aircraft permanent
records.

Bruce Bulloch
AP 2028444 IA

Bruce Bulloch

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				9-16-98 REPLACED ELT BATTERY & TESTED PER 91.207(d) Lawrence J Mark AAP 1185634
220-99	194.2	-	7396.2	REMOVED PROPS & SENT TO HQS PROPS FOR AD 97-18-2 Lawrence J Mark AAP 1185634
4-26-99	494.2		7396.2	INSTALLED PROPS - REPLACED FLAP CYL SEALS & HISSES BOTH SIDES SERVICED HYD SYSTEM - GREASED WHEEL BEGS - CHECKED BRAKES DETAB RETRACTION CHECKED Lawrence J Mark AAP 1185634
4-26-99	494.2		7396.2	Performed 100th Annual inspection IAW the Grumman Service Manual & the use of FAR 43 Appendix D as a guide. - AD's thru BW 99-08 checked for compliance. - This insp. included & this aircraft was found to be airworthy for return to service - Bruce Bulloch AAP 2028444 IA.

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

4-27-99 CHECKED ELT & TESTED PER 91.207 (d) Lawrence J March A&P 1185634
 DUE 10-2000

5-4-2000 HOURS 516.5 AIRCRAFT TOTAL TIME 7418.5
 INSTALLED NEW MAIN GEAR TIRES & TUBES - HYD RELIEF VALVE - HYD UNLOADER & HYD FILTER REMOVED & REPLACED AFTER REPAIR & TEST BY CRS 19RR752W W/O # 2000-1934 1942 & 1943 - REPLACED OIL PRESSURE GAUGES - LUBED GEAR & WHEEL BEARINGS - CHECKED BRAKES CHARGED & SERVICED BATTERIES & HYD SYSTEM Lawrence J March A&P 1185634

5-4-2000 HOURS 516.5 TAT 7418.5 Performed 100hr / Annual inspection using the Cessna 441 Service Manual & the use of FAR 43 appendix A as guide. AOS then Bu 2000-08 Checked for compliance. Checked ELT IAW 91.207(d) (1 thru 4). This inspection is completed and this aircraft has been

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

(4400 Cost.) found to be airworthy for

Transponder system tested and certified per FAR 91.413 and FAR Part 43 Appendix E and F. ATSOA
 Integrated system tests performed.
 North Coast Aircraft Radio, Inc.
 1601 North Marginal Road W/O # 20249
 Cleveland, Ohio 44114
 CRS. OR5R103N Date 5/12/00
 Signed David R. Roud
 N15W

5-27-00 516.5 7418.5 INSTALLED OVERHAUL
 MAC LEAD (AEROSONIC) S/N 672
 BEACON INST CRS VJ2R215L W/O #
 STATIC SYSTEM CHECKED FOR LEAK
 APPENDIX E AS REQUIRED Lawrence J March A&P

BEACON INSTRUMENT SERVICE INC.
 DETROIT CITY AIRPORT - 313-526-6040
 F.A.A. Approved Repair Station - No. UJ2R215L - Class 1-2-3-4
 ACCESSORIES - LIMITED

THE CLEVELAND PLANT & TOWER CO.
 CUSTOMER INSTRUMENT MAC LEAD (AEROSONIC) 12002-01-05 ALTIMETER
 SERIAL 672-1443
 DATE 4-19-00
 REPAIR
 OVERHAULED
 TESTED

c/w App. E Part 43
 Part B of 91.411
 Cal. to 20K
 (Over)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2001				10-2-00 AIRCRAFT IN WINTER STORAGE Lawrence J. March A&P 1185634
5-25-01	539.8		7441.8	REMOVE & REPLACE FLAP SELECTOR VALVE & LANDING GEAR SELECTOR VALVE AFTER REPAIR & TEST BY AIRCRAFT HYDRAULIC REPAIR WORK PES 19RR752N WO # 2001-3141 & 3142 Lawrence J. March A&P 1185634

Date 5/25/01 Hr Meter 539.8 Total Time 7441.8
 I certify that this Aircraft
 Has been inspected in accordance with a visual/visual
 inspection using the Manufactures Service Instruction Manual and FAR 43 Appendix "D" as a guide
 This inspection is completed and this Aircraft
 Was found to be airworthy for return to service. AD
 Notes thru BW 2001-01 have been checked for compliance.
 Discrepancies are found in the aircraft permanent records.
Bruce Bulloch Bruce Bulloch
 AP 2028444 IA

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				6-10-01 REPLACED LEFT BATTERY & TESTED PER. 91.207(6) 1-4 REPLACE BATTERY BY AUG 03 Lawrence J. March A&P 1185634
	541.7		7443.8	7-25-01 REPLACED HYD UNLOADER VALVE WITH SN T9726 REPAIRED & TESTED BY CES 19RR 752 N ON WO 2001-3438 OPERATIONAL TRELITE SATISFACTORY Lawrence J. March A&P 1185634

02-22-02
 A/C TT. 7458.1 Hobbs 556.1
 - Installed Insight Avionics, Inc. Strike Finder, model SF 2000 display and sensor (TSO-C110a), in accordance with Insight Strike Finder Manual Document No. 2000-10/Rev. 1.7, dated August 31, 1999, and AC 43.13-1B as a guide. Sensor mounted on lower surface of left outboard wing near tip. Installed Flightcom model 403mc intercom in accordance with Flightcom installation/operation manual, and AC 43.13-1B as a guide. p/n s/n wt. arm mom(in-lbs)
 - Display SF2000-021-009 7112 1.2 -38.4 -46.08
 - Sensor SF2000-022 7604 0.6 31.63 18.978
 - Intercom 101-263-0 5991 0.25 -23.0 -5.75
 - New empty weight: 4232.2. New empty C.G.: 16.45426. New empty C.G. moment: 69637.72. New useful load: 1267.8
 - See FAA Form 337 dated 02-22-02. Weight and balance computed and entered into the aircraft records. Equipment list has been updated.
Stewart W. O'Donnell A&P 2677287

- Recovered sidewalls in cockpit with Skandia foam 1/8 IVI Ensolite Lot# C211N-IVI, treated at Skandia, REF treatment# SKFP65009, REF test ID# VERT12NW -FP2009, WO#78626-02, Test ID#40221. Material burn certification accomplished IAW FAR 25.853 (a) Appendix F, Part I (a) (1) (ii), substantiated by FAA Form 8110-3. dtd.4-10-02
- Recovered existing sidewalls in cockpit with Townsend Leather, Heritage Eclipse Part# HT122, D/L# AHT 1011, Lab test at Skandia, Inc., REF Test ID#12NW-33377, WO # 78440-02, Test ID# 40127 PO# 1996. Material burn certification accomplished IAW FAR 25.853 (a) Appendix F, Part I (a) (1) (ii), substantiated by FAA Form 8110-3. dtd. 4-5-02
- Recovered sidewalls in cockpit area with GBS material, VFR, November. Test ID# 5649, Lot # 44574. Batch # VO 464. Tested at Flame-Out Inc. Material burn certification accomplished IAW FAR 25.853 (a) Appendix F, Part I (a) (1) (ii), substantiated by FAA Form 8110-3 dtd. 7-11-00
- Recovered side walls in cockpit with Townsend Leather, Heritage Heron, Part#HT-115, D/L# AHT1010, REF Test ID#12NW-33290, WO#77732-02, TestID#39823, PO#1974. Material burn certification accomplished IAW FAR 25.853(a) Appendix F, Part 1 (a) (1) (ii), substantiated by FAA Form 8110-3. dtd 03-21-02
- Recovered existing sidewalls in cockpit area with Aircraft Interiors 100% Wool Carpet, Design Tech. Flintstone, Roll Item #240452, Test Report #6136, Procedure #870406 (Test Method#2) Approved 06-27-87, (Per Carols). Material burn certification accomplished IAW FAR 25.853(a) Appendix F, Part 1 (a) (1) (ii), substantiated by FAA Form 8110-3. dtd. 02-05-02
- Removed existing carpet from cockpit area floor.
- Replaced carpet in cockpit area with Aircraft Interiors 100% Wool, Design Tech Color Flintstone. Roll Item#240452 Test Report#6136. Procedure #870406(Test Method#2) Approved 06-27-87. Material burn certification accomplished IAW FAR 25.853(a) Appendix F, Part I (a) (1) (ii), substantiated by FAA Form 8110-3. dtd. 02-05-02
- Removed the Pilot and co-pilot seats from the cockpit.
- Removed the existing foam and material from the pilot and co-pilot seats.

OF
ES.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				<ul style="list-style-type: none"> Applied to the pilot and co-pilot seats Skandia Canvas/natural, Lot#3133-CV, treated at Skandia, REF Treatment#SKFP67786, REF Test ID#12-FP7298. WO#78626-02 Test ID 40221. Material burn certification accomplished IAW FAR 25.853(a) Appendix F, Part 1 (a) (1) (ii), substantiated by FAA Form 8110-3. dtd. 04-10-02. Applied to the pilot and co-pilot seats Skandia, Inc. 1/2 DAX Graphite/Poly Foam 20 ILD W/Scrim, Lot# 02021-D208R, Treated at Skandia, REF treatment #SKFP60280, REF Test ID# 12NW-FP1873. WO#78626-02 Test ID#40221. Material burn certification accomplished IAW FAR 25.853 (a) Appendix F, Part 1 (a) (1) (ii), substantiated by FAA Form 8110-3. dtd. 04-10-02. Applied to the pilot and co-pilot seats Skandia, Inc. Dax Graphite/Poly Foam, 47 ILD, Lot#1112-D47, and REF Test ID # 12NW-37518. WO# 78626-02 Test ID#40221. Material burn certification accomplished IAW FAR 25.853 (a) Appendix F, Part 1 (a) (1) (ii), substantiated by FAA Form 8110-3. dtd. 04-10-02. Applied to the pilot and co-pilot seats Skandia, Inc. Part 91 Batting, Lot #2875-B9, REF Test ID#12NW-29863. WO# 78626-02 Test ID#40221. Material burn certification accomplished IAW FAR 25.853(a) Appendix F, Part 1 (a) (1) (ii), substantiated by FAA Form 8110-3. dtd. 04-10-02. Applied to the pilot and co-pilot seats Skandia, Inc. Muslin Fr 4440, Lot #8001-Mus, REF Test ID# 12-10482. WO# 78626-02. TestID# 40221. Material burn certification accomplished IAW FAR 25.853(a) Appendix F, Part 1 (a) (1) (ii), substantiated by FAA Form 8110-3. dtd. 04-05-02. Recovered pilot and co-pilot seats with Townsend Leather Heritage Eclipse, Part#HT-122, D/L#AHT1011, Lab Test Skandia, REF Test ID#12NW- 33377, WO# 78440-02, Test ID# 40127, Purchase Order# 1996. Assembled dress fabric like OEM stitching and procedures. Material burn certification accomplished IAW FAR 25.853(a) Appendix F, Part 1 (a) (1) (ii), substantiated by FAA Form 8110-3. dtd. 04-05-02 Removed existing headliner from cabin area.

2

3

DATE	RECORDING TACH	TODAYS	TOTAL TIME IN	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
19				<ul style="list-style-type: none"> Removed existing foam and material from existing headliner. Recovered existing headliner in cabin area with Skandia foam 1/8 IVI Ensolite Lot# C211N-IVI, treated at Skandia, REF treatment# SKFP65009, REF Test ID # 12NW-FP2009, WO# 78626-02, Test ID# 40221. Material burn certification accomplished IAW FAR 25.853 (a) Appendix F, Part I (a) (1) (ii), substantiated by FAA Form 8110-3. dtd.04-10-02. Recovered existing headliner in cabin area with fabric from Tapis Corporation. Ultra-leather, Sea Gull Brisa #5745. Lot#V33, Test#4096, Material burn certification accomplished IAW FAR 25.853 (a) Appendix F, Part (a) (1) (ii), substantiated by FAA Form 8110-3. dtd. 02-20-01. Removed existing sidewalls from cabin area in aircraft. Removed existing foam and material from the cabin area sidewalls. Recovered existing sidewalls with Skandia, Inc. 1/8 IVI Ensolite, Lot#C211N-IVI, Treated at Skandia, REF Treatment #SKFP65009, REF Test ID#12NW-FP2009, WO#78626-02, Test ID#40221. Material burn certification accomplished IAW FAR 25.853(a) Appendix F, Part 1 (a) (1) (ii), substantiated by FAA Form 8110-3. dtd. 04-10-02. Recovered existing sidewalls with Townsend Leather, Heritage Eclipse, Part#HT-122, D/L#AHT1011, Lab Test at Skandia. REF Test ID#12NW33377. WO#78440-02, Test ID#40127, PO#1996. Material burn certification accomplished IAW FAR 25.853(a) Appendix F, Part 1 (a) (1) (ii), substantiated by FAA Form 8110-3. dtd. 04-05-02. Recovered existing sidewalls in cabin area with Fabric from GBS, VFR, November. Test# 5649, Lot#44574, Batch# VO464. Tested at Flame-Out Inc. Material burn certification accomplished IAW FAR 25.853 (a) Appendix F, Part I (a) (1) (ii), substantiated by FAA Form 8110-3. dtd. 7-11-00 Recovered existing sidewalls in cabin area with Townsend Leather, Heritage Heron, Part#HT-115, D/L#AHT1010, REF Test ID#12NW-33290. WO#77732-02, Test ID#39823, PO#1974. Material burn certification accomplished IAW FAR 25.853(a) Appendix F, Part 1 (a) (1) (ii), substantiated by FAA Form 8110-3. dtd. 03-21-02.

DATE	RECORDING TACH	TODAYS	TOTAL TIME IN	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
19				<ul style="list-style-type: none"> Applied to existing side walls in cabin area, Aircraft Interiors 100% Wool carpet, Design Tech, Color Flint Stone, Roll Item#240452, Test Report#6136, Procedure#870406(Test Method#2) Approved 06-27-87. Material burn certification accomplished IAW FAR 25.853(a) Appendix F, Part 1 (a) (1) (ii), substantiated by FAA Form 8110-3. dtd. 02-05-02. Removed existing carpet from cabin area. Replaced carpet in cabin area with Aircraft Interiors 100% Wool carpet Design Tech, Flintstone, Roll Item#240452 Test Report#6136, Percedure#870406 (Test Method#2) Approved 06-27-87. Material burn certification accomplished IAW FAR 25.853(a) Appendix F, Part 1 (a) (1) (ii), substantiated by FAA Form 8110-3. dtd 02-05-02. Removed Seats from cabin area of aircraft. Removed existing foam and materials from seats. Applied to cabin seats Skandia, Inc. FR Canvas/Natural, Lot#3133-CV, Treated At Skandia, REF Treatment#SKFP65009, REF Test ID#12NW-FP2009, WO#78626-02, TestID#40221. Material burn certification accomplished IAW FAR 25.853(a) Appendix F, Part 1 (a) (1) (ii), substantiated by FAA Form 8110-3. dtd 04-10-02. Applied to cabin seats Skandia, Inc. DAX Graphite/Poly Foam, 47ILD, Lot#1112-D47, REF Test ID#12NW-38518, WO#78626-02, TestID# 40221. Material burn certification accomplished IAW FAR 25.853(a) Appendix F, Part 1 (a) (1) (ii), substantiated by FAA Form 8110-3. dtd 04-10-02. Applied to cabin seats Skandia, Inc, 1/2 DAX Graphite/poly Foam20 ILD W/ Scrim, Lot#02021-D20SR, Treated At Skandia, REF Treatment #SKFP60280, REF Test ID#12NW-FP1873, WO#78626-02, Test ID#40221. Material burn certification accomplished IAW FAR 25.853(a) Appendix F, Part 1 (a) (1) (ii), substantiated by FAA Form 8110-3. dtd 04-10-02. Applied to cabin seats Skandia, Inc. Muslin FR 4440, Lot#08001-MUS, REF Test ID#12-10482, WO#78626-02, Test ID#40221. Material burn certification accomplished IAW FAR 25.853(a) Appendix F, Part 1 (a) (1) (ii), substantiated by FAA Form 8110-3. dtd 04-10-02.

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<ul style="list-style-type: none"> Applied to cabin seats Skandia, Inc. Part 91 Batting, Lot#2875-B9, REF Test ID#12NW-29863, WO#78626-02 Test ID#40221 Material burn certification accomplished IAW FAR 25.853(a) Appendix F, Part 1 (a) (1) (ii), substantiated by FAA Form 8110-3. dtd 04-10-02. Recovered cabin seats with Townsend Leather, Heritage Eclipse, Part# HT-122, D/L# AHT 1011, Lab Tested at Skandia, REF Test ID# 12NW-33377, WO# 78440-02, Test ID# 40127, PO# 1996. Assembled dress fabric like OEM stitching and procedures. Material burn certification accomplished IAW FAR 25.853 (a), Appendix F, Part I (a) (1) (ii), substantiated by FAA Form 8110-3. dtd. 4-5-02 Removed (2) existing baggage area floor panels from aircraft. Removed existing material from baggage area floor panels. Applied to existing baggage area floor panels Aircraft Interiors Vinyl Aermat 45R/1000/985/30R/54, Item#70789-70791, Test Report#4914, Procedure#870406, (Test Method #2). Material burn certification accomplished IAW FAR 25.853(a) Appendix F, Part 1 (a) (1) (ii), substantiated by FAA Form 8110-3. dtd 12-8-00.
END-----				David J. Hall <i>David J. Hall</i> A2074044

DATE	RECORDING TACH TIME	TODAYS FLIGHT

Static system tested and certified per FAR 91.411 and FAR Part 43 Appendix E and F.
 North Coast Aircraft Radio, Inc.
 1601 North Marginal Road
 Cleveland, Ohio 44114
 CRS. OR5R103N
 W/O # 22112
 Date 5/23/02
 Signed *David J. Hall*

North Coast Aircraft Radio, Inc.
 1601 North Marginal Rd.
 CRS OR5R103N

Customer CRK PLANTIFF Date 5/23/02 WO# 2211
 Instrument Altimeter Make United Model 50
 Certified by [Signature] Certificate # 02221

Master Altitude	Instrument Reading	Code	Check Tolerance	Friction Test	Test Tol.	Actual
-1000	1000	OK	20	0	+/- 70	135
0	-15			10000	+/- 80	40
500	505		20	16000	+/- 90	10
1000	980		20	20000	+/-100	10
1500	1480		25	25000	+/-120	
2000	1970		30	30000	+/-140	
3000	2970		30	35000	+/-160	
4000	3965		35	40000	+/-180	
6000	6000		40	50000	+/-230	
8000	8010		60	Baro-set or Airspeed Test		
10000	10030		80			
12000	12030		90			
14000	14030		100			
16000	16030		110			
18000	18050		120			
20000	20080		130			
22000			140			
25000			155			
30000			180			
35000			205			
40000			235			
45000			255			
50000			280			

Pitot Leakage 0 MPH/Knots
 Static Leakage 15 Ft./mi.
 Test Altitude 4000 Ft.

Transponder system tested and certified per FAR 91.413 and FAR Part 43 Appendix E and F. ATDA
 Integrated system tests performed.
 North Coast Aircraft Radio, Inc.
 1601 North Marginal Road
 Cleveland, Ohio 44114
 CRS. OR5R103N
 W/O # 22112
 Date 5/23/02
 Signed *David J. Hall*

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Date 4/16/03 Hr Meter 573.8 Total Time 7475.8
 I certify that this Aircraft
 Has been inspected in accordance with a AWDUM
 Inspection using the Manufactures Service Instruction
 Manual and FAR 43 Appendix "D" as a guide.
 This inspection is completed and this Aircraft
 Was found to be airworthy for return to service. AD
 Notes thru BW 2003-07 have been checked for compliance.
 Discrepancies are found in the aircraft permanent
 records.
Bruce Bulloch Bruce Bulloch
 AP 2028444 IA

5/5/03 Hr. Meter 574.3 TAT 7476.3 Draned fuel from Lt Main
Tank. Cleaned tank interior. Prime coated &
resealed tank at in bd end only. New stacked fuel
tank appears to be free of seepage. Suspected of found
to be airworthy for return to service.
Bruce Bulloch AP 2028444

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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7-22-03 REPLACED ELT BAT
& TESTED PER 91.207(d) 1-4
REPLACE BY AUG 05
Lawrence J. Marsh AP 1185634

2-5-04 587.7 7489.7 REMOVED BOTH PROPS & SENT
TO HRS PROP SHOP FOR
AD 97-18-02
Lawrence J. Marsh AP 1185634

N1SW Hobbs 587.7 ACTT 7489.4 Date 5-5-04

Completed a 100 hr. inspection using Grumman G44 service manual and FAR 43 Appendix "D" as a guide. Opened and inspected airframe. Lubed all controls cables and pulleys changed two 1" trim pulleys Checked and tested all sump pumps. Repacked all wheel bearing and brake linings. Completed gear retraction. Filled brake reservoirs. Charged accumulator, Serviced batteries. Tested ELT per 91.207(d) 1-4 Installed over hauled props. Checked AD's Thru 2004-08 I certify that this aircraft has been inspected in accordance with a 100 hr inspection and was determined to be in an airworthy condition.
 Lawrence E. Hanshaw A&P236744650 Lawrence E. Hanshaw

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-7-05	HOBBS 591.2		TIA 7493.2	REPLACED BOTH BATTERIES WITH 935 # 402197166 & 9 02197249 - REPAIRED RT ENG 1-3-5 STACKS & AFT PIPE WITH AEROSPACE WELDING REBUILDS - CHECKED HYD RESEV ACCUMULATORS - ELT CHECKED (DUE 7-05) INFLATED TIRES REPLACED FUEL HOSES FROM STRAINER TO PUMP TO CAB. Lawrence March AIP 1185634
<p>Date <u>6/7/05</u> Hr Meter <u>591.2</u> Total Time <u>7493.2</u> I certify that this <u>Aircraft</u> Has been inspected in accordance with a <u>100hr/Annual</u> Inspection using the Manufactures Service Instruction Manual and FAR 43 Appendix "D" as a guide. This inspection is completed and this <u>Aircraft</u> Was found to be airworthy for return to service. AD Notes thru BW <u>2005-11</u> have been checked for compliance. Discrepancies are found in the aircraft permanent records.</p> <p><u>Bruce Bulloch</u> Bruce Bulloch AP 2028444 IA</p>				

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	ENT MEC
8-8-05	594.1			
<p>REPLACED FUEL 91.207 (A) / J. Luman</p>				
2-2-09	144 591.2		TAT 7496.3	
<p>Date <u>2/2/09</u> Hr Meter <u>591.2</u> Total Time <u>7496.3</u> I certify that this <u>Aircraft</u> Has been inspected in accordance with a <u>100hr/Annual</u> Inspection using the Manufactures Service Instruction Manual and FAR 43 Appendix "D" as a guide. This inspection is completed and this <u>Aircraft</u> Was found to be airworthy for return to service. AD Notes thru BW <u>2009-01</u> have been checked for compliance. Discrepancies are found in the aircraft permanent records.</p> <p><u>Bruce Bulloch</u> Bruce Bulloch AP 2028444 IA</p>				
8/25/09	144 591.2		TAT 7496.3	
<p>Install New O Rings Prepon Lt Eng & O Rings 8404 Prepon Rt Eng. - Engines running normal. Returned to service <u>Bruce Bulloch</u> AP 2028444</p>				

AIRCRAFT SPRUCE & SPECIALTY CO.
PO: 531312 LOT: 30-13674
P/N: 11-17945
LOC: 01PD
REPLACE BY 8-07
396850141
NARCO BP-1010 BATTERY (2-YR)

DATE 2012 12	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9/25	606.8			

The following altimeter & altitude reporting equipment tests and inspections as required by FAR 91.411 & FAR Part 43, Appendix E, have been performed.

Static System 9/25/12 (date) Altimeters tested to 20K feet

Pilot's 12002-01-05 Copilot's Standby

ALTIMETER SCALE CORRECTION CARD

AIRCRAFT # 151N
ALTIMETER S/N 672-4443

SCALE CORRECTIONS

Add algebraically at room temp.

-1000	+10	14000	+15
0	-10	16000	-20
500	-10	18000	-30
1000	-10	20000	-90
1500	-10	22000	
2000	+10	25000	
3000	+15	30000	
4000	+20	35000	
6000	+20	40000	
8000	+25	45000	
10000	+20	50000	
12000	+20		

Tested by: Bob Baker Date: 9/25/12

SCALE CORRECTIONS SHOWN ON THIS CARD ARE THE SCALE ERRORS WITH THE SIGN REVERSED ONLY THOSE SCALE ERRORS DETERMINED BY THE USE OF A MASTER ALTIMETER TRACEABLE TO AN ACCURATE MERCURIAL BAROMETER AT THE TIME THE ALTIMETER IS CALIBRATED FOR ACCEPTANCE WILL BE USED IN DETERMINING SCALE CORRECTIONS FOR ENTRY ON THIS CARD. THE COMPLETED SCALE CORRECTION CARD WILL BE ATTACHED TO THE ALTIMETER WHEN IT IS NOT INSTALLED IN THE AIRCRAFT.

AERO-PRO AVIONICS
CRS# OQGR779X

CRS# OQGR779X
by FAR 91.413
93
42
A CRS# OQGR779X

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10/11/12	HILHETER	606.6		Ⓢ R/R Tail Wheel Lock pin & Riv. Ⓢ Rework Elevator
12/7502.6				Ⓢ R/R Trini System Ⓢ R/R aft cable Ⓢ Installed New Trini indicator pulley Ⓢ R/R Trini Tube drive cable & housing. Ⓢ Removed pump in instrument panel, Ⓢ removed Komets Compass (Note: WT & Balance Change Negligible) Ⓢ Manufactured Instrument Panel Close Shield & install. Ⓢ R/R ELT Batt. & Test 1AW FAR 91.207 (1-4) okay Ⓢ R/R Rt Ships Battery, Installed New 2935 AXC Battery, Ⓢ R/R R outer Main Wheel Bearing cone.

Date 10/11/12 Hr Meter 606.6 Total Time 7502.6

I certify that this AIRCRAFT

Has been inspected in accordance with a 100 HR, ANNUAL Inspection using the Manufactures Service Instruction Manual and FAR 43 Appendix "D" as a guide.

This inspection is completed and this AIRCRAFT was found to be airworthy for return to service. AD Notes thru BW 2012-22 have been checked for compliance. Discrepancies are found in the aircraft permanent records.

Bruce Bulloch
Bruce Bulloch
AP 2028444 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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7/29/13				REMOVED LEFT BATTERY & REPLACED WITH CONCORDE BATTERY IN RG-35AXE IN 40604983 ALL SYSTEM CHECK NORMAL. Bruce Bulloch AP2028444
5/27/14				Hr Meter 614.3 TAT 1510.3 INSTALLED VP (Just F20 SEM) 450 Unit IAW SPC SA0043286. See 837 dated 5/27/14. Blew out Manifold Pressure System @ removed, serviced, and recharged 2 AR Batteries. The Aircraft Wt & Balance was not affected by the above installation.
<p>Date <u>5/27/14</u> Hr Meter <u>614.3</u> Total Time <u>7510.3</u> I certify that this <u>AIRCRAFT</u> Has been inspected in accordance with a <u>100 HR ANNUAL</u> Inspection using the Manufactures Service Instruction Manual and FAR 43 Appendix "D" as a guide. This inspection is completed and this <u>AIRCRAFT</u> Was found to be airworthy for return to service. AD Notes thru <u>BW2014-10</u> have been checked for compliance. Discrepancies are found in the aircraft permanent records.</p> <p><u>Bruce Bulloch</u> Bruce Bulloch AP 2028444 IA</p>				

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)																																							
2015 12	517	621.0		The following altimeter & altitude reporting equipment tests and inspections as required by FAR 91.411 & FAR Part 43, Appendix E, have been performed. Static System <u>5715</u> (date) Altimeters tested to <u>20K</u> feet																																							
<p>Tested by <u>5715</u> Date: <u>5/15/15</u> SCALE CORRECTIONS SHOWN ON THIS CARD ARE THE SCALE SCALE CORRECTIONS WITH THE SIGN REVERSED ONLY THOSE SCALE ERRORS DETERMINED BY THE USE OF A MASTER ALTIMETER TRACEABLE TO AN ACCURATE MERCURIAL BAROMETER AT THE TIME THE ALTIMETER IS CALIBRATED FOR ACCEPTANCE WILL BE USED IN DETERMINING SCALE CORRECTIONS FOR ENTRY ON THIS CARD. THE COMPLETED SCALE CORRECTION CARD WILL BE ATTACHED TO THE ALTIMETER WHEN IT IS NOT INSTALLED IN THE AIRCRAFT.</p> <p>AERO-PRO AVIONICS LLC CRS# 00GR779X</p> <table border="1"> <thead> <tr> <th>Alt. Altimeter at room temp.</th> <th>SCALE CORRECTIONS</th> <th>Alt. Altimeter at room temp.</th> </tr> </thead> <tbody> <tr><td>-1000</td><td>0</td><td>14000</td></tr> <tr><td>0</td><td>+10</td><td>16000</td></tr> <tr><td>500</td><td>-5</td><td>18000</td></tr> <tr><td>1000</td><td>0</td><td>20000</td></tr> <tr><td>1500</td><td>0</td><td>22000</td></tr> <tr><td>2000</td><td>+10</td><td>25000</td></tr> <tr><td>3000</td><td>+10</td><td>30000</td></tr> <tr><td>4000</td><td>+15</td><td>35000</td></tr> <tr><td>6000</td><td>+10</td><td>40000</td></tr> <tr><td>8000</td><td>+20</td><td>45000</td></tr> <tr><td>10000</td><td>+25</td><td>50000</td></tr> <tr><td>12000</td><td>+30</td><td></td></tr> </tbody> </table>					Alt. Altimeter at room temp.	SCALE CORRECTIONS	Alt. Altimeter at room temp.	-1000	0	14000	0	+10	16000	500	-5	18000	1000	0	20000	1500	0	22000	2000	+10	25000	3000	+10	30000	4000	+15	35000	6000	+10	40000	8000	+20	45000	10000	+25	50000	12000	+30	
Alt. Altimeter at room temp.	SCALE CORRECTIONS	Alt. Altimeter at room temp.																																									
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8000	+20	45000																																									
10000	+25	50000																																									
12000	+30																																										

ALTIMETER SCALE CORRECTION CARD
ALTIMETER S/N 672-14473

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5/28/15	HR METER		621.0 TAT 7517.0	① R/R AIRSPEED IND. New In 8026 ② DISASSEMBLED L/R BRAKE ASSY - R/R BRAKE LININGS AS NECESSARY. ③ AIR FLT BOT-NET DUE 3-17 ④ C/W FAR 91-207 (1-4) ERT TEST - PASSED.
Date 5/28/15 Hr Meter 621.0 Total Time 7517.0 I certify that this <u>AIROCRRAFT</u> Has been inspected in accordance with a <u>LOG/HR/ANNUAL</u> Inspection using the Manufactures Service Instruction Manual and FAR 43 Appendix "D" as a guide. This inspection is completed and this <u>AIROCRRAFT</u> Was found to be airworthy for return to service. AD Notes thru BW 2015-10 have been checked for compliance. Discrepancies are found in the aircraft permanent records.				Bruce Bulloch AP 2028444 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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-10-15	HR METER		621.0 TAT 7517.0	REMOVED RIGHT HAND LOG. GEAR RETRACT CYLINDER, REPLACED O-RINGS & REINSTALLED. PERFORMED SIX GEAR CYCLES AND SERVICED HYDRAULIC RES. THIS REPAIR IS COMPLETE AND FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. Bruce Bulloch AP2028444
6-17-15	HR METER		621.0 TAT 7517.0	R/R RIGHT HAND BATTERY SOLENOID. INSTALLED NEW STS-M12 UNIT, IN SER. 221519 THIS REPAIR COMPLETED AND FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. Bruce Bulloch AP2028444

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4/21/16	HOBBS	626.0	TAT 7522.0	Performed FAR 91-207 Parts (1-4) EAT TEST - Passed.
<p>Date <u>4/21/16</u> Hr Meter <u>626.0</u> Total Time <u>7522.0</u> I certify that this <u>AIRCRAFT</u> Has been inspected in accordance with a <u>100 HR ANNUAL</u> Inspection using the Manufactures Service Instruction Manual and FAR 43 Appendix "D" as a guide. This inspection is completed and this <u>AIRCRAFT</u> Was found to be airworthy for return to service. AD Notes thru BW <u>2016-07</u> have been checked for compliance. Discrepancies are found in the aircraft permanent records.</p> <p><u>Bruce Bulloch</u> Bruce Bulloch AP 2028444 IA</p>				

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4/10/17	HOBBS	630.7	TAT 7526.7	PERFORMED FAR 91.207 (1-4) EAT TEST NEW BATTERIES INSTALLED - PASS. - CHARGED LA R BAYS BATTERIES ALIGNED TRIM IND.
<p>Date <u>4/10/17</u> Hr Meter <u>630.7</u> Total Time <u>7526.7</u> I certify that this <u>AIRCRAFT</u> Has been inspected in accordance with a <u>100 HR ANNUAL</u> Inspection using the Manufactures Service Instruction Manual and FAR 43 Appendix "D" as a guide. This inspection is completed and this <u>AIRCRAFT</u> Was found to be airworthy for return to service. AD Notes thru BW <u>2017-07</u> have been checked for compliance. Discrepancies are found in the aircraft permanent records.</p> <p><u>Bruce Bulloch</u> Bruce Bulloch AP 2028444 IA</p>				

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2017 7/1	630.7			N15W Hobbs 630:7 51117

ALTIMETER SCALE CORRECTION CARD
ALTIMETER SIN 677-4443

SCALE CORRECTIONS

14000	F20
16000	-10
18000	-50
20000	-90
22000	
25000	
30000	
35000	
40000	
45000	
50000	

Tested by: MB Date: 5/11/17

SCALE CORRECTIONS SHOWN ON THIS CARD ARE THE SCALE ERRORS WITH THE SIGN REVERSED. ONLY THOSE SCALE ERRORS DETERMINED BY THE USE OF A MASTER ALTIMETER TRACEABLE TO AN ACCURATE MERCURIAL BAROMETER AT THE TIME THE ALTIMETER IS CALIBRATED FOR ACCEPTANCE WILL BE USED IN DETERMINING SCALE CORRECTIONS FOR ENTRY ON THIS CARD. THE COMPLETED SCALE CORRECTION CARD WILL BE ATTACHED TO THE ALTIMETER WHEN IT IS NOT INSTALLED IN THE AIRCRAFT.

AERO-PRO AVIONICS LLC
CRS# OQGR779X

ment tests and art 43, Appendix E, have

tested to 20k feet

standby N/A

S/N N/A

by FAR 91.413 IAW

23193
N/A
A2396
CRS# OQGR779X

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7-26-17	1100BS		634.3 634.3	CREATED 2.5" HOLE IN RT WING LEADING EDGE AT RWS 35.5 LOWER SIDE TO INSPECT SPAR & SKIN AREA FOR CORROSION. ENSP. REVEALED NO CORROSION. THE HOLE WAS REPAIR IN ACCORDANCE WITH FORM 8110-3, DEPARTMENT NO 17-07 REV A. AS APPROVED BY KURATH DESIGN, LLC DERT-405709-CG. SEE 837 DATED 7-26-17. THIS REPAIR IS COMPLETED AND THIS AIRCRAFT HAS BEEN FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE
7/28/17	Hobbs		634.3	Removed #2 Navcom KX170B P/N 069-1-20-00 S/N 1914. Installed scw/washer KX170B S/N 31629. Functional tests OK for service. <u>DeLaney</u> AERO-PRO AVIONICS LLC CRS OQGR779X W.O.# B2070.

Bruce Bullock
Bruce Bullock
AOP 2028444 JA

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8/16/17	HM 635.0			REMOVED & REPLACED TAIL WHEEL TIRE & TUBE WITH NEW UNITS. AIRER TIRE TO 60 PSI. - REWORKED T/W LOCK LOCATION FOR BETTER STEERING. THESE REPAIRS ARE COMPLETE AND FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. Bruce Bullock AP2028444
4/20/18	HM 635.2			PERFORMED ELT TEST IAW FAR 91.207 (1-4) CHANGED L&R SHIPS BATTERY. PERFORMED LANDING GEAR INSPECTION INCLUDING CYCLE. CHECKED ALL CABLES & PULLEYS INSPECTED FOR CORROSION Date 4/20/18 Hr Meter 635.2 Total Time 7531.2 I certify that this AIRCRAFT Has been inspected in accordance with a 100HR MANUAL Inspection using the Manufactures Service Instruction Manual and FAR 43 Appendix "D" as a guide. This inspection is completed and this AIRCRAFT Was found to be airworthy for return to service. AD Notes thru BW 2018-08 have been checked for compliance. Discrepancies are found in the aircraft permanent records. Bruce Bullock AP 2028444 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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-1-18	HR METER		635.2 TAT 7531.2	INSTALLED AIRWOLE REMOVE OIL FILTERS ON L&R ENGINE MOUNTS IN ACCORDANCE WITH STC SA00024NY. ICA INFORMATION IS CONTAINED IN THE A/R FLIGHT MANUAL. THE NEW AIRCRAFT WT & BAL IS AS FOLLOWS. NEW EW 4236.0 NEW EW MOM 69622.52 NEW EW CG 16.44 NEW USEFUL 1264.0 THIS WORK IS COMPLETED & FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE - SEE 337 DATED 6-1-18 Bruce Bullock AP 2028444 IA

