


Airborne

Air Filter Change Reminder

Changed at: 1586 Hrs. Next Change: _____ Hrs.

5-13-99 Date



DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

INSPECTION REMINDER

The next inspection of this aircraft is required by Federal Aviation Regulation

Section: _____

Hours in Service: _____

OR

Date due: 6-1-00

FAA FORM 8900-1 (4-78)
FORMERLY FAA FORM 8320-2

The Standard

 **AIRCRAFT LOG**

ASA-SA-1

AIRCRAFT RECORD — GENERAL INFORMATION

MANUFACTURER CESSNA MODEL 182H SERIAL 18256167

REGISTRATION NUMBER N2067X DATE MFG. 1965

ENGINE(S) CURRENTLY INSTALLED.
MFG CONTINENTAL MODEL O-470-R SERIAL 131153-5-R-4

MFG _____ MODEL _____ SERIAL _____

PROPELLER(S) CURRENTLY INSTALLED.
MFG M^cCAULEY MODEL 2A34C66P

HUB MODEL 2A34C66P SERIAL 851618 SERIAL _____

BLADE MODEL _____ SERIAL FF185YS SERIAL FF204YS SERIAL _____

BLADE MODEL _____ SERIAL _____ SERIAL _____ SERIAL _____

The Standard



AIRCRAFT LOG

Berkshire Instrument Overhaul

1490 Airport Road
Montrose, CO 81401

No 19727

FAA REPAIR STATION VV5R289N

INSTRUMENT CLASS 1-2-3-4

1. CUSTOMER BRAND 10000 Aircraft
2. INSTRUMENT ATT GYRO Van
3. MFG. Asm Auto Machine
4. PART NO. 5206C
5. SERIAL NO. 125A
6. RECEIVED _____
7. DUE _____

8. WORK TO BE PERFORMED:
 OVERHAUL
 REPAIR
 FUNCTIONAL TEST
 COMMENTS/DISCREPANCY
Original Unit
Not seen since drill
Do you have this unit??
30+ years old P.S. Condition

9. INSPECTION RESULTS:
PRELIMINARY AP

INSPECTOR SIGNATURE

TEARDOWN Made loose by
Jan, Air only Tol.

FINAL _____

PARTS USED
QTY. PN

2 screws
2 fasteners
1 fastener

READING	ERROR	READING	ERROR
CLEAN/REPAIR	OK	SCORSBY TEST	OK
ROTOR	/	SETTLING	/
TAILSHAFT ASSY		PITCH 180	
GIMBAL ASSY		AIR/VAC	
VANES		<u>A/P manual tape slow dr.</u>	
SEALS		<u>N - 1 -</u>	
PITCH BAR ASSY		<u>L 1/3</u>	
		<u>R 1/3</u>	

Hyst. N/A Friction OK Leakage OK

Cal. Spec N/A Equip. Used SCORSBY, JIGS

Pub. Used MFG. REPAIRMAN _____

INSPECTOR _____ Completed Date 5/3/99

OVERHAUL
 REPAIR
 FUNCTIONAL TEST

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

1-800-443-0083

970-240-9606

BERKSHIRE INSTRUMENT OVERHAUL

1490 Airport Road
Montrose, CO 81401
FAA REPAIR STATION VV5R289N

CLASS 1 - 2 - 3 - 4

Serviceable Part Tag

Customer BRANDER Aviation

Pacific Southwest Instruments

1672 Railroad St.
Corona, CA 91720
(714) 737-0790
FAA Repair Station No. KD3R627L
Class 1 - 2 - 3 - 4

Serviceable Part Tag

CUSTOMER BLACK HILLS AVIATION

Pacific Southwest Instruments

1672 Railroad St.
Corona, CA 91720
(714) 737-0790
FAA Repair Station No. KD3R627L
Class 1 - 2 - 3 - 4

Serviceable Part Tag

CUSTOMER BLACK HILLS AVIATION

MAINTENANCE RELEASE

NOMENCLATURE 3" Air Gun in Air-Part
SERIAL NO. 135A PART/MODEL NO. 52066
 OVERHAUL REPAIR FUNC. TEST

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

no. 19727
Date 5-3-55
Authorized Signature [Signature]

MAINTENANCE RELEASE

COMPONENT Directional gyro PART/MODEL NO.: 52054
SERIAL NO. 1163229

Overhaul Repair Functional Test
The Aircraft Appliance identified above was overhauled, repaired, or functional tested as per block above in accordance with current Federal Aviation Administration Regulations and is approved for return to service. Details of this component are on file at this agency under work order no. 5333C

Date 12-3-52
Authorized Signature [Signature]

MAINTENANCE RELEASE

COMPONENT Amalgam gyro
SERIAL NO. 498538A PART/MODEL NO.: 52066

Overhaul Repair Functional Test
The Aircraft Appliance identified above was overhauled, repaired, or functional tested as per block above in accordance with current Federal Aviation Administration Regulations and is approved for return to service. Details of this component are on file at this agency under work order no. 53951

Date 12-3-52
Authorized Signature [Signature]

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.)
7-27-72			1457.9	C/W AD 83-13-01 FUEL CAPS BY INSPECTION -
				C/W AD 87-20-03 R2 BY INSPECTION - INST. NEW CENTRAL INSTR.
				VACUUM FILTER P/N D9-14-5 - INSPECTED PROPELLER, FOUND NO RED DYE
				ON HUB, ADDED 4 OZ. 15W-50 AERO SHELL OIL TO HUB INSP. PER PARA F OF
				AD 91-15-04
				certify that this aircraft has been inspected in accordance
				with ANNUAL inspection and was determined to be
				in airworthy condition. Total time: 1457.9 TACH 1457.9
				E.D. Birdinger IA315614
8/4/82			1466.71	Install Attitude Gyro Model # 52066 S/N X98548N
				& Directional Gyro Model # 52054 S/N A16222G TAW
				FAR 91.413 Non Order 55336 & 53951
				Veronica L. Loney Cert # 2506462 (C1LR838C)

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10-22-93	1506.8		1506.8	REPLACED P/N 0770728-1 DIODE ON BATT. CONTACTOR - INSTALLED NEW GONCOAD CD-35 BATTERY - ADJUSTED AUTO TRIM TO OBTAIN FULL UP TRAVEL - CLEANED & PACKED WHEEL BEARINGS - INSTALLED NEW R/L BRAKE LININGS - REPLACED CARB. HEAT DUCT - REPAIRED CARB. HT. DUCT FLANGE ON CARB. AIR BOX BY HELI-WELD - C/WAD 91-15-04 McCAULEY PROP. BY INSP. PER PARA (F) C/WAD 76-07-12 BENDIX IGN. SW. BY INSPECTION - C/WAD 87-20-03 R/L SEATS & RAILS BY INSPECTION
				I certify that this aircraft has been inspected in accordance
				with ANNUAL inspection and was determined to be
				in airworthy condition. Total time: 1506.8 TACH 1506.8
				E. W. Brandiger IA315614

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.)
				ATC TRANSPONDER TESTS REQUIRED BY FAR 91.217 AND F/ 3
				91.413 WERE PERFORMED AND COMPLY WITH FAR 43.APP.F. 4
				MODEL <u>KT 76750</u> SN <u>16300</u>
				ENC. MODEL <u>AT 3020</u> SN <u>010821</u>
				DETAILS ON THIS INSPECTION ON FILE UNDER THIS REPAIR
				STATION ON W/O <u>11-22-93-1</u>
				<u>Dennis S. Hume</u> <u>11/22/93</u>
				SIGNATURE DATE
				CERTIFICATE NO. <u>6501462</u> GRS NO. <u>GR 9380</u>

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4-28-94	1520.8		1520.8	INSTALLED NEW CONCORD CB-35 BATTERY SIN
	2045	78		REPAIRED CABIN HEAT SHROUD - CLEANED BATT. BOX - TIGHTENED VAC. REGULATOR ON FIREWALL E.D. BRANDIGEN 315614 AEP
3-7-95				INSTALLED & BALANCED NEW CONCOR 8.00X6.6P TIRES R/L MAIN CLEANED & PACKED WHEEL BEARINGS - CHECKED WHEEL ALIGNMENT - INSTALLED NEW #2334-3 CYL. HD. TEMP. PROBE - LW AD 91-15-04 PARA (#) BY INSP. ON PROP. INST. NEW INDUCTION AIR FILTER BA8103-1 REPLACED COWL FLAP HINGES - INST. (4) NEW PIN31-01 WING STRUT FAIRINGS & PAINTED WITH IMRON - AIRCRAFT WEIGHED & NEW WEIGHT & BALANCE FORM COMPLETED - CLEANED LEFT FUEL TANK DRAIN VALVE - ADDED (1) SHIM AT LWR. N16 TORQUE LINK BOLT

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3-7-95				<p>I certify that this aircraft has been inspected in accordance with <u>ANNUAL</u> inspection and was determined to be in airworthy condition. Total time: <u>1544.5</u> TACH <u>1544.5</u> <i>E.D. Brandiger IA315614</i></p>
8-2-76	15500	REPLACED FWD LEFT CYL. BAFFLE SEAL - SERVICED NOSE STRUT WITH NITROGEN - CHECKED PROP HUB OIL LEVEL - SERVICED & CHARGED BATTERY		<p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TACH. TIME <u>1550.0</u> TOTAL TIME: <u>1550.0</u> <i>E.D. Brandiger IA315614</i></p>
8-8-96				<p>I CERTIFY THAT THE FLT HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF FAR SECTION 91.207 AND FOUND TO BE IN SATISFACTORY CONDITION.</p>

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8-8-96	1550.0		1550.0	INSTALLED NEW GILL TELEDYNE BATTERY P/N G-35 SINGO1653174 E.D. Brandiger 315614A&P
10-13-97	1567.8		1567.8	C/W AD 96-18-22 CESSNA OIL FILER ADAPTER BY INSPECTION - C/W AD 97-01-13 CESSNA HOSE INSPECTION, BY INSP- ECTION, NO 951-10 HOSE ASSY ARE INSTALLED - C/W 87-20-03 R2 BEATS & RAILS BY INSPECTION - CHECKED PROP HUB OIL LEVEL - SERVICED NOSE STRUT WITH NITROGEN - REPLACED LEFT INSTR. STATIC AIR SUMP 9-1858-1 REPLACED CENTRAL GYRO AIR FILTER - CHARGED & SERVICED BATTERY TREATED A/N AILERON CONTROL RODS WITH LPS 3 - LUBRICATED FLAP & AILERON CONTROL ROD BEARINGS

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10-13-97				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TACH. TIME <u>1567.8</u> TOTAL TIME: <u>1567.8</u>
10-13-97				I CERTIFY THAT THE ELT HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF FAR SECTION 91.207 AND FOUND TO BE IN SATISFACTORY CONDITION. E.D. Blandiger IA315614
10/16/97				ATC TRANSPONDER TESTS REQUIRED BY FAR 91.413 WERE PERFORMED AND COMPLY WITH FAR 43 APP F KING MODEL KT 76 S/N 16300. ED'S FLYING SERVICE CRS # GEXR 453 E BY Edward J. Jewell 211 7652 RAD # INSTR

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10-29-97	1568.05		1568.05	INSTALLED NEW PIN # 2334-3 CYLINDER TEMP. PROBE, OPERATION NORMAL. INSTALLED NEW PIN # 1090-4 PILOT'S CONTROL SHAFT GROMMET E.R. Blomquist 315614 AEP
7-30-98	1575.68		1575.68	INSTALLED NEW VACUUM HOSE 306-6, PUMP TO VAC REGULATOR, REGULATOR TO ATTITUDE GYRO, ATT. GYRO TO DIRECTIONAL GYRO - ADJUSTED REG. TO 5.4 IN THE GAGE READING USING CALIBRATED TEST GAGE. - AIRED TIRES - ADDED WATER TO BATTERY E.R. Blomquist 315614 AEP

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5-13-99	1586.35	C/WAD96-12	22, AD87-20-03R2, AD83-13-01, AD76-07-12 BY	
		INSPECTION		SERVICED & CHARGED BATTERY - ATTITUDE
		INDICATOR		OVERHAULED BY BERKSHIRE INSTRUMENT
		OVERHAUL		W.O. 19797, 5-3-99 INSTALLED ATT. QY20,
		OPERATION		NORMAL - CLEANED & PACKED NOSE, MAIN WHEEL BEARINGS
		CLEANED R/L		BRAKE CALIPER - REPLACED R FUEL CAP GASKET -
		LUBED ALL		ROD END BEARINGS IN WINGS - FABRICATED, PRESS CHECK,
		& INSTALLED		HOSE, FUEL STRAINER TO CARBURETOR USING 303-B
		BRAIDED		HOSE - REPLACED D9-14-5 CENTRA GYRO FILTER
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN
				ACCORDANCE WITH ANNUAL INSPECTION AND WAS
				DETERMINED TO BE IN AIRWORTHY CONDITION.
				TACH. TIME 1586.35 TOTAL TIME: 1586.35

E.W. Brandiger 1A315614

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5-13-99	1586.35			INSTALLED NEW R/L FWD. ENGINE SHOCK MOUNTS P/N 94110-40 E.B. Brandt 315614 A-FP
5-17-99	1586.35			INSTALLED NEW BR1045 ELT BATT. REPL. DUE JUN 01 I CERTIFY THAT THE ELT HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF FAR SECTION 91.207 AND FOUND TO BE IN SATISFACTORY CONDITION. E.B. Brandt 315614
12-30-99				INSTALLED ALTITUDE DIGITIZER AT3000 S/N 9240013 ADDED JUMPER WIRE P/N 8-14 OPS CHECK SATISFACTORY [REDACTED] A-FP

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

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

FAR 91.413 THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.			
TRANSPONDER #1	MAKE: KING	MODEL: KT-78	S/N: 16300
TRANSPONDER #2	MAKE: N-A	MODEL: -	S/N: -
DATE: 11-08-02	W/O: 110502	INSPECTOR: <i>Edward J. Proella</i>	
ED'S FLYING SERVICE, INC. FAA APPROVED REPAIR STATION # GRXR453E			