

### INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	LYCOMING	AEIO-360-H1A	L-21714-51A
PROPELLER	HARTZELL	HC-C2YR-4CF	DN 1993
	BLADE MODEL:	FC7666A-2	E58452 & E58424
	DATE:	AUG. 31, 1983	
PROPELLER	BLADE #'S INSTALLED →		F38336
	INSTALLED NEW PROPELLER		F38498

JULY 18, 1980.

### AIRCRAFT DESCRIPTION

MANUFACTURER	BELLANCA AIRCRAFT CORP.	MODEL	8K CAB	DATE OF MFG.	3-14-80
SERIAL NUMBER	L25-80	REGISTRATION NUMBER	N240R		
REGISTERED OWNER	FLYING "M" HUNTING CLUB, INC.				
STREET ADDRESS	70 PINEGROVE ROAD				
CITY, STATE, ZIP	YERINGTON, NV. 89447.				
OPERATOR					
STREET ADDRESS					
CITY, STATE, ZIP					
REGISTERED OWNER					
STREET ADDRESS					

#### Inspection Status

(Check one)

- F.A.R. 91.169 ANNUAL/100 HOUR
- F.A.R. 91.71 PROGRESSIVE
- F.A.R. 91.217 SUBPART D
- F.A.R. 135.60 A.T.C.O.

N240R

### ENGINE DESCRIPTION

MANUFACTURER	LYCOMING	MODEL	AEIO-360-H1A	ITY
SERIAL NUMBER	L-21714-51A	DATE OF MANUFACTURE		
RATED BHP		RPM		MANIFOLD PRESSURE
FUEL REQUIRED OCTANE/PERFORMANCE				
REGISTERED OWNER	FLYING "M" HUNTING CLUB, INC.			7-18-80
STREET & NO.	70 PINEGROVE ROAD			
CITY, STATE, ZIP	YERINGTON, NV. 89447.			
REGISTERED OWNER				
STREET & NO.				
CITY, STATE, ZIP				



INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>N240R TACK TIME 811.2 Hrs.      JAN 30, 2003 REPLACE MIXTURE CONTROL CABLE P/N 05-14172 RED KNOB.</p> <p>A&amp;P [REDACTED]</p>

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>N240R      DEC. 8, 2003 TACK TIME 853 Hrs. TOTAL TIME 853 Hrs. ANNUAL INSPECTION IAW FAR 43 APPEX D. CONTROLS CHECKED AND LUBED. SHIPS BATTERY REPLACED WITH GILL G30S SEALED BATTERY. WHEEL FAIRING BRACKETS P/N 21961 WERE REPLACED. ELT BATTERY EXPIRES OCT. 2004 ELT RETURNED TO SERVICE PER FAR 91.2079d).</p> <p>TWO YEAR TRANSPONDER TEST PERFORMED THIS DATE IAW FAR 91.413 PART 43 APPENDIX F. MODEL AT 150 s/n42422. TECH. [REDACTED]</p> <p>AIRCRAFT FOUND AIRWORTHY FOR RETURN TO SERVIC</p> <p>[REDACTED]</p> <p>A&amp;P [REDACTED] IA</p>

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### INSPECTION RECORD F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT
3-04	854.00	REPLACED SHIPS BATTERY WITH GIL BATTERY.
26-04	866.98	REPLACED TAIL WHEEL SPRING Assy
29-04	869.98	REPLACED TAIL WHEEL, TIRE & TUB

Airframe Log Entry American Champion Super Decathlon 8KCAB sn 635-80  
 March 1, 2005 TTAF 923.0 Annual Inspection and Service  
 Removed and replace broken wheel pant mount bracket on left main gear.  
 Replaced brake pads with new Rapco 66-106 pads  
 Replaced main gear tires with new Airhawk 6.00X6 6 ply tires, repacked bearings  
 Replaced tail gear tire with new 2.50X4 Classic tire, lubricated bearings  
 Replaced BP 1005 ELT battery--Due again November 2006, 91.207 (d) Function Chk OK  
 Replaced Brackett 8103-1 Filter element with new element  
 Replaced left forward air vent door hinge  
 Replaced fuel hoses 124J001-4CR0330, 124J002-5CR0152, 124J002-6CR0161  
 Replaced oil hoses 124J001-8CR0134, 124-J001-8CR136, 124J002-10CR0120,  
 124J002-10CR0144, 124J002-10CR0264  
 A.D. 00-15-15 Front spar strut fitting inspected.  
 I certify that I have inspected and serviced this airframe in accordance with ANNUAL  
 INSPECTION checklist and determined it to be airworthy and approved for return to service.

Mark D. Hinzman AP [redacted] IA

Transponder model AT 180, Serial number 42422, test accomplished on  
03/01/2005 in accordance with 14 CFR 91.413 and 14 CFR 43 Appendix F.

Malcolm S. Redwine  
Silver Sky Aviation  
Carson City, Nevada 89706  
CRS MM3R689L

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# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED
		<p>N240R <b>SEPTEMBER 6, 2001</b>  TACK 747.2 Hrs.  100 Hr INSPECTION IAW FAR 43 APPEX D  OIL CHANGED AND SCREEN INSPECTED, 8  Qts AEROSHELL 15W-50 ADDED. COMPRESSION  1/79 2/77 3/76 4/78 OVER 80. PLUGS  CLEANED AND GAPPED AND MAGNETO TIMEING  CHECKED. REPAIRED OIL COOLER MOUNT AND  ENGINE BAFFLING. TIGHENED AND RETORQUED.  ENGINE MOUNTS AND MOUNT TO FIREWALL.  ENGINE AND COWL WASHED, GROUND RUN  AND LEAK CHECKED. PROPELLER INSPECTED  AND BLADES GREASED, BLADES DRESSED AND  PAINTED</p>
<p>Date: <u>9/6/01</u> Total Time: <u>747.2</u>  Tach. reading: <u>747.2</u> I certify  that this <u>ENGINE</u> was inspected in  accordance with <u>AMVDAL</u> inspection  and was determined to be in airworthy  condition</p>		<p>W.O. # <u>6496</u>  Approved for <u>Repair</u> Service  Inspector: <u>[Redacted]</u>  <u>Silver SKY A/M</u>  Carson City Airport  Carson City, NV 89706  Approved Repair Station  <u>MM3R6811</u></p>

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED
		<p>N240R <b>OCT. 14, 2002</b>  OIL CHANGED AND SCREEN CHECKED  8 Qts PHILLIPS 20W-50 oil was  added. COMPRESSION 1/78 2/76  3/75 4/78 OVER 80. plugs WERE  CLEANED AND GAPPED AND MAGNETO  TIMEING CHECKED. ENGINE CONTROLS  CHECKED AND LUBED 1 EXHAUST NUT  REPLACED, ENGINE AND COWL WERE  WASHED GROUND RUN AND LEAK  CHECKED, PROPELLER WAS INSPECTEE  AND BLADES GREASED.</p>
<p>Date: <u>10/14/02</u> Total Time: <u>807.9</u>  Tach. reading: <u>807.9</u> I certify  that this <u>ENGINE</u> was inspected in  accordance with <u>AMVDAL</u> inspection  and was determined to be in airworthy  condition</p>		<p>FORMED  D. <u>[Redacted]</u>  <u>IA</u></p>

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### INSPECTION & MAINTENANCE RECORD

DATE		DATE
	<p>N240R <span style="float: right;">DEC. 8, 2003</span></p> <p>TACK TIME 853 Hrs.</p> <p>TOTAL TIME 853 Hrs.</p> <p>100 Hr. ANNUAL INSPECTION THIS DATE OIL CHANGED AND SCREEN INSPECTED. 8 Qts. AEROSHEEL 15W50 added. COMPRESSION 1/77 2/77 3/78 4/78 OVER 80. SPARK PLUGS WERE REPLACED WITH AUTOLITE P/N UREM40E. MAGNETO TIMING CHECKED. ENGINE CONTROLS WERE CHECKED AND WERE LUBRICATED. PROPELLER INSPECTED AND BLADES LUBRICATED. ENGINE AND COWL WASHED, GROUND RUN AND LEAK CHECKED. THIS ENGINE DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p style="text-align: center;">[REDACTED]</p> <p style="text-align: center;">MALCOLM S REDWINE A&amp;P [REDACTED] IA</p>	<p>Propeller Hartzel <u>March</u> I certify INSPE</p> <p style="text-align: right;">Mark D</p>

**Engine Log Entry** American Champion Super Decathlon 8KCAB sn 635-80  
 Lycoming AEIO 360 H1A sn L 21714-51A  
March 1, 2005 TT 923.0 Annual Inspection and Service  
 Drained and refilled oil. Serviced with customer provided 15W50 Aeroshell multi-viscosity oil  
 Verified magneto timing, Compressions #1 74/80, #2 74/80, #3 75/80, #4 72/80.  
 Spark plugs appeared new, gaps checked and set as required. Inspected crankshaft flange iaw  
 A.D. 84-13-05. No defects noted.

### INSPECTION & MAINTENANCE RECORD

DATE	TOTAL	INSPECTION OR MAINTENANCE PERFORMED
		<p><b>Propeller Log Entry</b> American Champion Super Decathlon 8KCAB sn 635-80            Hartzel HC C2YR 4CF Blades F38336, F38498  <u>March 1, 2005</u> TTAF 923.0 <u>Annual Inspection and Service</u>            I certify that I have inspected this propeller in accordance with the requirements of an ANNUAL INSPECTION and consider it airworthy.</p> <p style="text-align: center;">[REDACTED]</p> <p style="text-align: center;">Mark D. Hinzman AP [REDACTED] IA</p>

N240 R AUGUST 29, 2005

TACK TIME 972.5 Hrs.  
 CHANGE OIL AND CHECK SCREEN 8 Qts. OF AEROSHELL 15W50 ADDED. ENGINE AND COWL CLEANED, GROUND RUN AND LEAK CHECKED.

A&P [REDACTED]

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# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	DATE
		<p align="center"><b>CP AVIATION, INC.</b> 830 E. SANTA MARIA ST. #301 SANTA PAULA, CA 93060 (805) 525-2138</p> <p>REG: N240R    MAKE: <b>BELLANCA 8KCAB</b>    S/N: 635-80  Date: 04-01-2006    TACH: 987.25    TT 987.25</p> <p>CLEANED, GAPPED AND TESTED PLUGS. COMPRESSION 1 76/80 2 75/80 3 77/80 4 76/80. DRAINED OIL. ADDED 8QTS GRADE 15W50 AEROSHELL. CHECKED OIL SCREEN, FOUND OK. PRESSURE TESTED EXHAUST SYSTEM. REPLACED SCAT HOSE FROM ENGINE BAFFLE TO MUFFLER SHROUD RIGHT SIDE. REROUTED STARTER AND ALTERNATOR WIRING FROM GOVERNOR PRESSURE LINE TO ADEL CLAMPS ATTACHED TO INTAKE ELBOW #1 CYLINDER. BOTH MAGNETOS HAVE 516.4 SINCE NEW AND 0.0 SINCE 500 HOUR INSPECTION. REPLACED POINTS BOTH MAGNETOS WITH P/N M3081. REPLACED INTAKE TUBES P/N 69603. REPLACED ENGINE MOUNTS P/N J6230-1. REPLACED VALVE COVER GASKETS. SECURED FUEL PUMP VENT LINE. REPAIRED ALTERNATE AIRBOX ARM. REROUTED MAGNETO WIRES. COMPLIED WITH AD 2002-26-01 EFFECTIVE DATE 01-31-2003 BY INSPECTION OF INJECTOR LINES, ROUTING AND SUPPORT PER SB 342D PARAGRAPH (1)(2)(3) AND DIAGRAM 1, DUE NEXT ANNUAL. TIGHTENED EXHAUST BEAD CLAMPS PER SERVICE LETTER C-138. FOR FURTHER DETAILS SEE BELLANCA INSPECTION REPORT DATED THIS DATE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p align="center">AJP</p>	

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	DATE
		<p align="center"><b>CP AVIATION</b></p> <p align="center">830 E. SANTA MARIA STREET, #301 SANTA PAULA, CA 93060 (805) 525-2138</p> <p>REG: N240R    MAKE: <b>LYC AEIO-360-H1A</b>    SERIAL: L-21714-51A  Date: 04-08-07    TACH: 1072.68    TT: 1072.68</p> <p>CLEANED, GAPPED AND TESTED PLUGS. COMPRESSION #1 75/80, #2 75/80, #3 74/80, #4 75/80. DRAINED OIL. ADDED 8 QTS GRADE W100 AEROSHELL, CHECKED OIL SCREEN, FOUND OK. REPLACED OIL SCREEN GASKET P/N SL61173. PRESSURE TESTED EXHAUST SYSTEM. MUFFLER AND RISORS OVERHAULED BY CUSTOM AIRCRAFT PARTS. REPLACED ALL EXHAUST GASKETS P/N SL77611. BOTH MAGNETOS HAVE 688.83 HOURS SINCE NEW AND 85.43 HOURS SINCE 500-HOUR INSPECTION. COMPLIED WITH AD 2002-26-01 EFFECTIVE DATE 01-31-2003 BY INSPECTION OF INJECTOR LINES, ROUTING, AND SUPPORT PER SB 342D PARAGRAPH (1)(2)(3) AND DIAGRAM 1, DUE IN 100 HOURS. ADJUSTED EXHAUST BEAD CLAMPS PER SERVICE LETTER C-138. ADJUSTED TIMING ON LEFT MAGNETO. CLEANED LYCOMING INVERTED OIL SYSTEM PER SERVICE INSTRUCTION SI-1397. REPLACED BUSHINGS IN AIRBOX P/N 1-8960. FOR FURTHER DETAILS SEE BELLANCA INSPECTION REPORT DATED THIS DATE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100-HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p align="center">AJP</p>	

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**INSPECTION & MAINTENANCE RECORD**

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED
		<p>AGENCY &amp; CERTIFICATE NO.</p> <p>CP AVIATION 830 E. SANTA MARIA STREET, #301 SANTA PAULA, CA 93060 (805) 525-2138</p> <p>REG: N240R MAKE: Lyc AEIO-360-HIA SN: L-21714-SIA DATE: 06/01/2007 TACH: 1092.2 TT: 1092.2</p> <p>Performed overhaul run out inspection, found run out to be less than 0.01. Removed Hartzell propeller model HC-C27R-4 S/N DN1992R. Installed Hartzell propeller HC-C27R S/N AV10419B.</p>
		<p>AGENCY &amp; CERTIFICATE NO.</p> <p>CP AVIATION 830 E. SANTA MARIA STREET, #301 SANTA PAULA, CA 93060 (805) 525-2138</p> <p>REG: N240R MAKE: Lyc AEIO-360-HIA SN: L-21714-SIA DATE: 06/29/2007 TACH: 1094.7 TT: 1094.7</p> <p>Installed engine in Bellanca B7CAB S/N 635-80 after propeller strike inspection at Tim's Aircraft Engines, see next page for details. Both magnets S/N 93050346 and 93090188 sent to Aircraft Electrical Components, Inc for propeller strike inspection. See S7HRK823, see 8130-3, tracking no. 35025 and 35024 dated June 14, 2007. Propeller Governor P/N D210588 S/N 1191448M overhauled by Transped Aero Governor, Inc. RS# T0C11307, rebuilt by Precision Atmosphere LLC RS# PQ0111NM, W.O. 1C113, see 8130-3 dated May 03, 2007. Replaced airbox shaft P/N 1-8950-2 and one bearing P/N 1-8960. Installed new Alternator belt P/N 37A19773. Replaced 7 qts Avroshell 100W Plus. Installed new Hartzell Propeller P/N HC-C27R-4CF S/N AV11801B. see 8130-3 form from Chosen Propeller and Accessories, Inc. RS# ZR2R355L dated June 20, 2007 W.O. 89814.</p>

**INSPECTION & MAINTENANCE RECORD**

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED
		<p>AGENCY &amp; CERTIFICATE NO.</p> <p>MAKE: Lycorning MODEL: AEIO-360-HIA SERIAL # L-21717-51A TACH 1094.7 T.T. 1094.7 N # N240R</p> <p>The engine identified above was disassembled, cleaned, inspected, repaired and assembled for a Prop Strike Inspection. All work performed with reference to Lycorning O/H manual 60294-7-9 and parts manual PC406-2. AD list in back of log book. All pertinent details are on file at this facility under Inv. 4706. End.</p> <p>DATE: June 22, 2007</p> <p>Tim's Aircraft Engines Inc. 6105 Obispo Ave. Long Beach, Ca. 90805 Ph. (562) 634-6120 Fax (562) 634-6129</p> <p>SIGNED FAA Repair Station T22R537Y</p>
		<p>18A19441 BEARING</p> <p>18D19394 BEARING</p> <p>18M19389 BEARING</p> <p>72198 PLUG</p> <p>K-3975 COIL</p> <p>LW-10964 GASKET SET</p> <p>12186 NUT</p> <p>STD-2249 NUT</p>
		<p>LW-31H0.88 SCREW</p> <p>SL69603 HOSE</p> <p>SL75061 BOLT</p> <p>STD-1221 RING</p> <p>STD-1821 HOSE</p> <p>STD-2168 NUT</p> <p>STD-2246 BOLT</p>

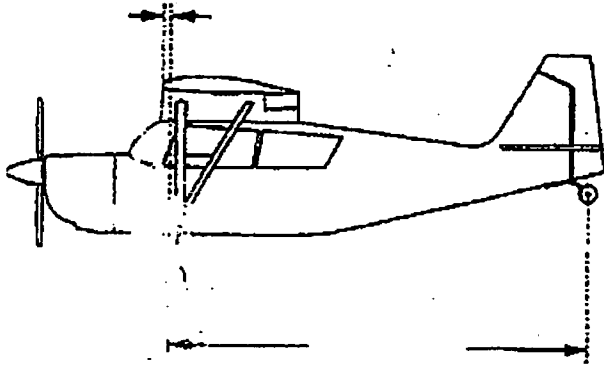
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AMERICAN CHAMPION AIRCRAFT CORPORATION  
ROCHESTER, WISCONSIN 53167

WEIGHT AND BALANCE WORKSHEET



MODEL NUMBER 8KCAB (180 HP/CS PROP)

SERIAL NUMBER 635-80

IDENTIFICATION NUMBER N240R

DATE DEC 14, 1999

SIGNED [Signature] [Signature]

Aircraft Leveling Means: Drop plumb line from wing leading edge so that it is 12.18 inches forward of front face fuselage wing strut fitting.

Weight Actual \_\_\_\_\_

- 1. Left Wheel Weight: 628 Lbs. lbs. Right Wheel Weight: 635 Lbs. lbs.
- 2. Tail Wheel Weight 67.38 Lbs. lbs.
- 3. Total Aircraft Weight (Full Oil): 1330.38 Lbs. lbs.

C.G. =  $\frac{(67.38 \text{ in.}) \times (194.12 \text{ lbs.})}{(1330.38 \text{ lbs.})} + (.812 \text{ in.}) = 10.64 \text{ in. aft L.E.}$

	WEIGHT (lbs.)	ARM (in.)	MOMENT (in. lbs.)
Aircraft Weight With Full Oil	1330.38	10.64	14155
[REDACTED]			
[REDACTED]			
Add 2.25 Gallons Unuseable Fuel (Wing Fuel Tanks)	+13.5	+26	+351
TOTALS LICENCED EMPTY WEIGHT	+1343.88	XXXXXXXXXX	14506

Aircraft Empty C.G. 10.79 in. aft datum

Useful Load 456.12 lbs.

Datum: Wing Leading Edge

CENTER OF GRAVITY LIMITS:  
NORMAL OR ACROBATIC  
CATEGORY

(+ 13.5 in.) To (+18.5 in.) At 1800 lbs.  
(+ 11.5 in.) To (+18.5 in.) At 1550 lbs or less  
Straight line variation between points given