

Aircraft Record General Information

Manufacturer MARLOW GREGORY S Model BEARHAWK
Serial 59-1871188-829 Registration Number N22GM
Date of Manufacture 9/2018

Engine(s) currently installed:

Manufacturer SUPERIOR Model XIO 360 B1XC² Serial 36L147759
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer HARTZELL Model TDI/BLAZER HC-C2YR-1NX
HUB Model HC-C2YR-1NX Serial B224583 Serial _____
Blade Model _____ Serial B2879 Serial _____ Serial _____
Blade Model _____ Serial B2831 Serial _____ Serial _____



www.beaconregistration.noaa.gov

Exp.: 11/29/2020

2DC88 59738 FFBFF

If activated, call the AFRCC at

1-800-851-3051

Notes

102251M 5/1059487/188-829

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D TO PART 43 AND HAS BEEN FOUND TO BE IN A CONDITION FOR SAFE OPERATION.

GREGORY S MARLOW

OWNER, CERTIFICATE

24 SEPT 2018

10/09/2018 O.O.H.T.G.

THIS AIRCRAFT COMPLIES WITH ALL APPLICABLE FAR 21.191 (9) REQUIREMENTS FOR Operating Amusement Flight Aircraft AND IS ELIGIBLE FOR THE ISSUANCE OF THIS Special Airworthiness CERTIFICATE
TOTAL TIME O.O.H.T.G. DATE 10/09/2018
SIGNED: [REDACTED]
LONNIE A. PHILLIPS DART [REDACTED]

YEAR 20 18 DATE	RECORDING 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.)
10/12	0/0	1.1	1.1	CH's H ₁ , Oil Temp H ₁ fixed oil cooler valve
10/18	10.1	1.4	2.5	CH's 2 & 3 H ₁ , Flaps uneven, Runner
—	—	—	—	Required (Flap cables?)
10/22	2.5	0.5	4.0	Solo @ Runner
10/23	4.0	2.5	6.5	CH's H ₁ @ H ₁ speed Flaps / Airspeed ↑
10/30	6.5	2.5	9.0	oil change @ L Flaps ↑ when up
11/4	9.0	—	9.0	Oil change to get added
—	—	—	—	ENGINE MONITOR INSTALLED, FWD CAMERA
—	—	—	—	INSTALLED, ADJUSTED FLAPS & ROD END BEARINGS
11/17	9.0	1.8	10.8	ADJ. @ Flap ↑ 1.5 turns
11/17	10.8	1.1	11.9	15 gal AVGAS @ \$3.00/gal
11/19	11.9	0.7	12.6	40 gal AVGAS @ \$4.15/gal
11/19	12.6	0.4	13.0	DATA BASE UPDATED
11/21	13.0	3.0	16.0	NEEDS @ Runner trim, fuel flow too low
12/3	16.0	1.7	17.7	fuel flow
12/7	17.7	1.8	19.5	
12/8	19.5	1.6	21.1	
12/18	21.1	3.7	24.8	FF PITCH SERVO OFF LINE msg

YEAR 20 18 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Des Entr Tech
12/19	24.8	2.7	27.5	—
12/24	27.5	2.6	30.1	—
1/6	30.1	4.1	34.2	—
1/7	34.2	0.5	34.7	—
1/11	34.7	3.0	37.7	—
1/16	37.7	2.0	39.7	—
1/23	39.7	0.4	40.1	—
2/9	40.1	1.0	41.1	—
2/9	41.1	1.1	42.2	—
3/11	42.2	0.1	42.3	—
3/12	42.3	0.5	42.8	—
3/20	42.8	0.3	43.1	—

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.)

Hi, Oil Temp Hi. Fixed oil cooler valve
is 2 & 3 Hi. Flaps INTER, Rubber
wind (Flap cables?)

① Rubber

Hi @ Hi. Speed Flaps & Airspeed ↑
CHANGE ① Flaps ↑ when up
CHANGE ② qt needed

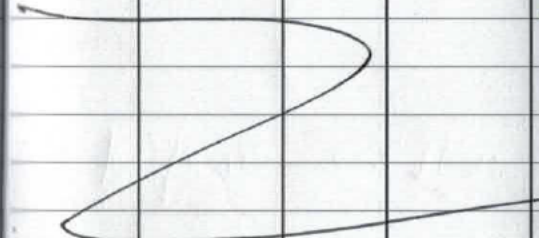
ENGINE HANOVER INSERICO, FWD CAMBON
STALLED. ADJUSTED FLAPS & ROD END BEARINGS

① Flap ↑ 1.5 PWS
GAP MOSAS ③ \$3.00/qa
GAP AVGAS ③ \$4.15/qa

BASE UPDATES

① Rubber trim, fuel flow too low
fuel flow

FF PITCH SERVO OFF-LINE MSG

YEAR 20 18 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
12/19	24.8	2.7	27.5
12/24	27.5	2.6	30.1
1/6	30.1	4.1	34.2
1/7	34.2	0.5	34.7
1/11	34.7	3.0	37.7
1/16	37.7	2.0	39.7
1/23	39.7	0.4	40.1
			
2/9	40.1	1.0	41.1
2/9	41.1	1.1	42.2
3/11	42.2	0.1	42.3
3/12	42.3	0.5	42.8
3/20	42.8	0.3	43.1

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.)

I certify that the prescribed flight test
hours have been completed and the aircraft
is controllable throughout the normal range of
speeds and through all maneuvers to be executed,
has no hazardous operating characteristics or
design features, and is safe for operation.
The following aircraft operating data has
been demonstrated during the flight testing:
V_{SO} 45 mph V_X 70 mph V_Y 80 mph @ 1800/55
AD CG 20.1 as with they were obtained

Gregory Markham CSM # [REDACTED]
Builder

oil change 20W 50

[illegible][illegible]

Engine Record General Information

Manufacturer SUPERIOR/LYCOMING Model IO-360-B1XC2

Serial 36L141759 Type Certificate _____

This engine is currently installed in aircraft: BEARHAWK 4PL

Minimum Octane Fuel 91-95 Oil Grade: Summer 100 wd Winter 15W-50

Magneto Time 25° BTDC Point Setting _____ Firing Order 1.3.2.4

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at 2000 hours

MAX CYL HEAD TEMP — 475°F

MAX OIL TEMP — 235°F

OIL PRESS. @ 2000 RPM — 60-80 PSI

50595



YEAR 20 <u>18</u> DATE	RECORDING 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.)
0/10	1.1	-	1.1	6.5 g oil on the stick
10/18	1.1	1.4	2.5	cyl. 2.3 HOS still
10/20	-	-	2.5	6.25g oil on the stick
10/22	2.5	4.5	4.6	6.25g oil
10/23	4.0	2.5	6.5	
10/30	6.5	2.5	9.0	oil Δ due
11/4	9.0	-	9.0	oil Δ accomp. 795. Brown
11/17	9.0	1.8	10.8	
11/17	10.8	1.1	11.9	
11/19	11.9	0.7	12.6	
11/19	12.6	0.4	13.0	5.8g. on the stick
11/21	13.0	3.0	16.0	

YEAR 20 <u>18/19</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Entries must be e Repair Facility. (S
12/3	16.0	1.7	17.7	S I
12/7	17.7	1.8	19.5	TEST
12/8	19.5	1.6	21.1	ARCATE
12/18	21.1	3.7	24.8	Lang. o
12/19	24.8	2.7	27.5	to be
12/24	27.5	2.6	30.1	afternoon
1/6	30.1	4.1	34.2	for oper
1/7	34.2	0.5	34.7	hrs Bee
1/11	34.7	3.0	37.7	VSO 45
1/16	37.7	2.0	39.7	CG 2
1/23	39.7	0.4	40.1	Greg

ctions, Tests, Repairs and Alterations

d with Name, Rating and Certificate Number of Technician or
pages for other specific entries.)

ON THE STICK

Hot Still

on the stick

795 10000

stick

YEAR 2018/15 DATE	RECORDING 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.)
12/3	16.0	1.7	17.7	I certify that the prescribed flight test hours have been completed and the ARCATS is controllable throughout the normal range of speeds and throughout all maneuvers to be executed, has no hazardous operating characteristics or design features, and is safe for operation. The flying AC operating limits has been demonstrated during the flight tests: VSO 45, Vx 70, Vy 80 @ 1800 lbs and CG 20.1 as which they were obtained. Gregory S. Markon COT# [REDACTED] [REDACTED]
12/7	17.7	1.8	19.5	
12/8	19.5	1.6	21.1	
12/18	21.1	3.7	24.8	
12/19	24.8	2.7	27.5	
12/24	27.5	2.6	30.1	
1/6	30.1	4.1	34.2	
1/7	34.2	0.5	34.7	
1/11	34.7	3.0	37.7	
1/16	37.7	2.0	39.7	
1/23	39.7	0.4	40.1	

1001052

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC-C24R-1NX

PROPELLER S/N B22458B

LOGBOOK # _____

PROPELLER MAINTENANCE RECORD

Position _____

PITCH RANGE

Propeller Model HC-C24R-1NX

High/Feather 30.0 ± 1.0

Propeller S/N B22458B

Start Lock NA

Blade Design NG8301-3X1

Low 10.0 ± 1.2

Blade S/N's

Reverse NA

No. 1 B2879

No. 2 B2881

Aircraft Manufacturer _____

No. 3 _____

Aircraft Model _____

No. 4 _____

S/N _____

No. 5 _____

Registration _____

No. 6 _____

Spinner Assembly Part No. _____

[illegible]