

*The Standard*  
 **AIRCRAFT LOG**

**ASA-SA-2**

The subject aircraft was involved in an incident / accident on 3/11/2023 rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: 0788933918US.

Signed: ***Underwriters Salvage Company***

Date: **12/11/2023**

AIG Aerospace Adjustment Services, Inc.  
3500 Lenox Road, Suite 1100  
Atlanta, GA 30326



N639BH Robert Harris Zenith CH801 S/N- 841534

October 1, 2019 Tach Time- 4.9 Total Time- 4.9

Inspected and tested the Ameriking AK-450 ELT in accordance with FAR 91.207(d)1-4 and AD 2017-16-01 in accordance with paragraph (g) and found acceptable results. Next due Oct. 2020. The ELT batteries have an expiration date of December 2024. Lubricated all the hinges, pulleys and rod ends. Inspected the wheels, brakes, tires and landing gear for security, wear and lubrication and found acceptable. Performed several ground run ups and taxi tests and found satisfactory operation and no leaks. I certify that this aircraft has been inspected in accordance with the scope and detail of FAR part 43 appendix D and found to be in condition for safe flight at this time and date. Test ran. Operational and leak checks found satisfactory. End.

  
JAMES HODDENBACH AP2607837IA

YEAR: \_\_\_\_\_ 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 Technician or Repair Facility. (See back pages for other specific entries.)  
 DATE \_\_\_\_\_

TAIL # N639BH MAKE: Zenith MODEL: CH 801 S/N: 841534 ACTT: 4.30  
 THIS IS A PERMANENT LOGBOOK ENTRY - PERFORMED TEST AND INSPECTIONS IAW 14 CFR PART 43, APPENDIX E TO COMPLY WITH 91.411  APPENDIX F TO COMPLY WITH FAR 91.413 ; PART 91.217

AIRPORT ID	KBTF	ALTITUDE	4230'	STATIC SYS TEST ALT	#1	5330	#2	NA	#3	NA
ALTIMETER #1		MFG		MODEL		PART #		SERIAL #		TEST ALT
ADC/ENCODER #1		NA		NA		NA		NA		NA
ALTIMETER #2		Sandia		SAE5-35		305154-00		7098		15,000'
ADC/ENCODER #2		NA		NA		NA		NA		NA
ALTIMETER #3		NA		NA		NA		NA		NA
TRANSPONDER #1		NA		NA		NA		NA		NA
TRANSPONDER #2		Bendix King		KT 76C		066-01156-0101		6025		-----
		NA		NA		NA		NA		-----

PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER W/O# **9540**  
 AUTH SIGNATURE:  DATE: 7/17/19 RECERT DUE DATE: JUL 2021  
 AVTECH SERVICES LLC, WOODS CROSS, UT CRS: 7AYR463B

FORM AS-504A/Rev 2

YEAR: \_\_\_\_\_ 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 Technician or Repair Facility. (See back pages for other specific entries.)  
 DATE \_\_\_\_\_

AVTECH Services, LLC 1887 S. 1800 W., Woods Cross, UT 84087 CRS# 7AYR463B Form No. AS-002  
 Tail # N639BH Mfg: HARRIS ROBERT Model: ZENITH 801 Serial: 841534 TTAf: 4.3 HOBBS:

This is a Permanent Logbook Entry:  
 INSTALLED A SERVICEABLE KING KT 76C TRANSPONDER P/N 066-01156-0101, S/N 6025 (SEE 8130-3 AVTECH SERVICES LLC. 9540 DATED JULY 17, 2019) IN THE CENTER INSTRUMENT PANEL AND A SANDIA SAE5-35 ENCODER P/N 305154-00, S/N 7098 ON THE BOTTOM OF THE TRANSPONDER RACK. INSTALLED CIRCUIT PROTECTION AND CONNECTED TO THE AIRCRAFT STATIC SYSTEM. INSTALLED A NEW L BAND ANTENNA P/N 104-12 ON AFT BOTTOM FUSELAGE. MODE A/C TRANSPONDER SYSTEM GROUND TESTED OK, NO DEFECTS WERE NOTED.  
 -----END-----

The equipment was removed/installed in a manner that will not interfere with or adversely affect the safe operation of the aircraft. Ground tests were performed, all systems checked operational per manufacturer's specifications. The aircraft weight and balance was updated. Total current weight does not exceed recommended load as computed in reference to the aircraft maintenance manual. Installation was accomplished in accordance with AC43.13-1B chapters 7, 10, 11, 12, and AC43.13-2B chapters 1, 2, and 14 CFR part 23, subpart F. This installation was determined to be a Minor Alteration in accordance with 14 CFR 1.1, CFR 43 Appendix A, CFR 21.93(A), and FSAW 94-32C.  
 The above identified aircraft has been maintained and inspected in accordance with current CFRs and is approved for return to service. Details are on file at this station under work order No. 9540 Date: 07/17/2019



Signed: 

N639BH Robert Harris Zenith CH801 S/N- 841534  
September 1, 2018 Tach Time- 4.0 Total Time- 4.0  
The aircraft was received in a partially disassembled condition with the wings removed. Inspected the aircraft and made the following repairs.  
Removed the engine/propeller assemblies to facilitate repairs to the engine mount. Rebuilt the oil cooler mounting bracket and installed. Fabricated, installed and re-rigged the throttle, mixture and propeller control cable brackets. Reinstalled the engine and propeller and assembled using existing parts and new hardware where necessary. Repaired misc inadequate baffle seals.  
Removed the horizontal tail assembly and discarded. Built up a new late style larger span horizontal tail assembly kit supplied by Zenair Ltd. in accordance with the factory supplied STOL CH 801 assembly instructions for the horizontal stabilizer and elevator assembly manual rev. 4.0 and 4.1. Installed the new horizontal stabilizer and elevator assemblies and the existing vertical fin and rudder. Installed the existing wings and flapperons with new hardware and attached all the flight control mechanisms. Inspected, rigged and adjusted and safety wired all the flight control systems per the manual. Removed broken windshield and installed a new part number 8-F22-5 CH801 formed windshield supplied by Zenair Ltd. Installed a new part number 8-L1-4 nose gear bungee cord.  
Installed a new Concord part number RG35A aircraft battery serial number 40962248.  
Removed a 37 pound ballast weight in the empennage that was present for weight and balance requirements. The weight was determined to be inadequately secured with very little structure to support its weight. Fabricated a metal plate that provides the proper amount of ballast and secured it to the exterior aft bottom skin of the empennage. The plate was secured with AN3 structural hardware to the existing aircraft structure. Weighed the aircraft and created new weight and balance documents dated September 1, 2018.

Inspected and tested the Ameriking AK-450 ELT in accordance with FAR 91.207(d)1-4 and AD 2017-16-01 in accordance with paragraph (g) and found acceptable results. Next due Sept. 2019. Changed the ELT batteries. Installed new Duracell model 1300 with an expiration date of December 2024. Lubricated all the hinges, pulleys and rod ends. Inspected the wheels, brakes, tires and landing gear for security, wear and lubrication and found acceptable. Installed misc missing placards and markings as necessary. Performed several ground run ups and taxi tests and found satisfactory operation and no leaks. I certify that this aircraft has been inspected in accordance with the scope and detail of FAR part 43 appendix D and found to be in condition for safe flight at this time and date. Test ran. Operational and leak checks found satisfactory. End.

*James Hoddenbach*  
JAMES HODDENBACH AP2607837IA

I find that this aircraft meets the requirements for the certificate requested and have issued a ~~Standard~~ / Special airworthiness certificate for the purpose of AMENDMENT.

*Tom Gierhart*  
Tom Gierhart DART252337807 Date: 12 SEP 2018

YEAR: 8/1/06 DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/1/06	0.0 Hrs.	0.0 Hrs		<p>I find this Aircraft meets the requirements for a special Airworthiness Certificate under FAR 21.191 (c) for the purpose of operating American built aircraft and have issued a special airworthiness certificate and operating limitations dated 8/1/2006. The next inspection will be due 8/31/2007.</p> <p>Ernie C. Phillips DART 71051450</p> <p>THIS AIRCRAFT COMPLIES WITH ALL APPLICABLE FAR 21.191 (c) REQUIREMENTS FOR <del>American built Aircraft</del> AND IS ELIGIBLE FOR THE ISSUANCE OF THIS <del>Special Airworthiness</del> CERTIFICATE</p> <p>TOTAL TIME 0.0 Hrs DATE 8/1/2006</p> <p>SIGNED: <del>Ernie C. Phillips</del> LONNIE A. PHILLIPS DART 71051450</p>





# Aircraft Record General Information

Manufacturer ROBERT W. HARRIS - ZENITH Model CH 801  
Serial 841534 Registration Number N639BH  
Date of Manufacture \_\_\_\_\_

## Engine(s) currently installed:

Manufacturer FRANKLIN Model 6A 350 C1 Serial 01111091  
Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

## Propeller(s) currently installed:

Manufacturer MT Model MTV-12-D  
HUB Model ~~192-300~~ Serial 01377 Serial \_\_\_\_\_  
Blade Model 192-300 Serial SH 15002 Serial SH 15003 Serial SH 15004  
Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_