

# AIRCRAFT TECHNICAL LOGS

## Section 1. AIRFRAME

FALCO

NAME  
NO.



AIRCRAFT

1. Nationality and Registration CANADIAN G-FMLWW
2. Manufacturer's Designation SEQUOIA FALCO
3. Manufacturer's Serial Number 1286.
4. Type Approval or Specification Number AMATEUR BUILT
5. Date of Manufacture MARCH 2002
6. Aircraft Inspection Cycle ANNUAL - CAR 625 B&C.

NAME



AIR TIME AND

DATE		FLIGHT TIME DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
		HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD						
MAY 9/02						COMPASS SWING PERFORMED
JUNE 9/02		35.9		26.2		GENERAL INSPECTION AT CONCLUSION OF TEST PERIOD.
						LANDING GEAR DOORS INSTALLED -
MAR 30/03		115.5 <del>155</del>		86.1		ANNUAL INSPECTION - SEE CHECKLIST
						CABIN HEAT MUFF - OK
						WOOD SPAR - OK
						ELT RECERTIFIED
						COMPASS FOR N E S W
						STEER 355 08 179 269

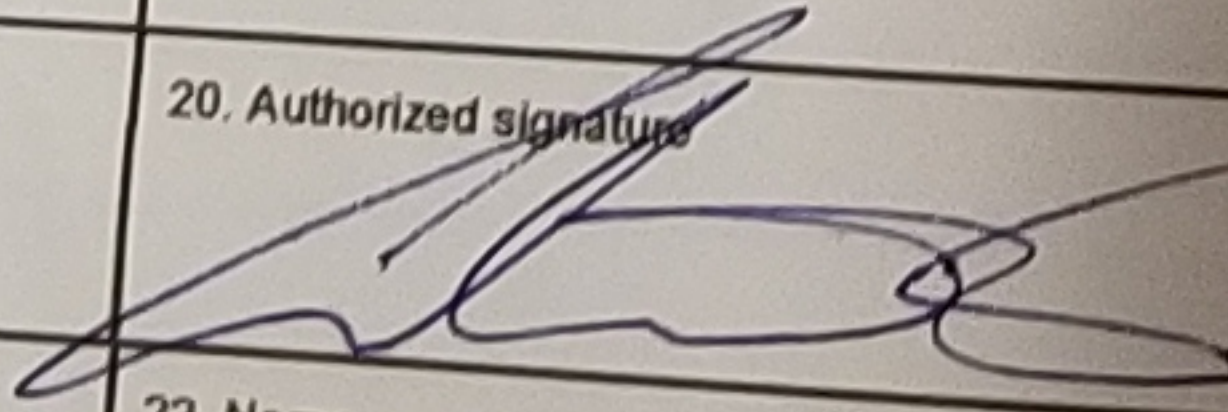
ENGINEERING RECORD[illegible]

1. Approving national aviation authority/country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE TCCA 24-0078				3. Form tracking No. <b>47-00</b> (QCP4 REV 1)	
4. Approved organization name and address <b>Discount Avionics 1John James Dr. Angus, ON L0M 1B3</b> Division of Laetryd Inc. 1-877-878-8363 www.discountavionics.com						5. Work Order/Contract/invoice <b>31113</b>	
6. Item <b>ELT</b>	7. Description <b>AMERIKING AK-450</b>	8. Part Number <b>N/A</b>	9. Eligibility <b>N/A</b>	10. Qty. <b>1</b>	11. Serial/batch # <b>457019</b>	12. Status/work <b>"INSPECTED"</b> "Performance tested"	
13. Remarks <b>ELT Certified IAW CAR 571 Appendix "G"</b> <b>Batt Due: FEB,2006</b> <b>ELT Due: FEB,2004</b>							
14. Certifies that the item identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in codition for safe operation <input type="checkbox"/> Non approved design data specified in block 13.				19. <input checked="" type="checkbox"/> CAR 571.10 Maintenance Release. <input type="checkbox"/> Other regulations specified in block 13. Certifies that, except where otherwise specified in block 13, the work identified in block 12. and described in block 13. was performed in accordance with CAR 571.			
15. Authorized signature <b>N/A</b>		16. Certificate/Approval ref. No. <b>N/A</b>		20. Authorized signature 		21. Certificate/Approval ref. No. <b>AMO # 47-00</b>	
17. Name <b>N/A</b>		18. Date <b>N/A</b>		22. Name <b>Carl Bertrand M396639</b>		23. Date <b>2/25/2003</b>	



## AIR TIME AND

FLIGHT TIME					ENGINEERING RECORD	
DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE RECORD	
	HRS.	MIN.	HRS.	MIN.		
JUNE 3/04	192.0		134.9		ANNUAL INSPECTION - SEE CHECKLIST CABIN HEAT MUFF - OK WOOD SPAR OK COMPASS FOR N E S STEER 355 88 179 W 269	
JUNE 1/05	224.0		162.6		ANNUAL INSPECTION - SEE CHECKLIST CABIN HEAT MUFF - OK WOOD SPAR OK COMPASS FOR N E S STEER 356 88 177 W 270 NEW ELT - AMERIKING	

1. Approving national aviation authority/country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE TCCA 24-0078				3. Form tracking No. 47-00 (QCP4 REV 1)	
4. Approved organization name and address <b>Discount Avionics 1John James Dr. Angus, ON L0M 1B3</b> Division of Laetryd Inc. 1-877-878-8363 www.discountavionics.com						5. Work Order/Contract/Invoice 62130	
6. Item ELT	7. Description AMERIKING AK-450	8. Part Number N/A	9. Eligibility N/A	10. Qty. 1	11. Serial/batch # 457019	12. Status/work "INSPECTED" "Performance tested"	
13. Remarks Batteries Replaced and ELT Certified IAW CAR 571 Appendix "G" Batt Due: FEB,2009 ELT Due: FEB,2007							
14. Certifies that the item identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in codition for safe operation <input type="checkbox"/> Non approved design data specified in block 13.				19. <input checked="" type="checkbox"/> CAR 571.10 Maintenance Release.  <input type="checkbox"/> Other regulations specified in block 13.  Certifies that, except where otherwise specified in block 13, the work identified in block 12. and described in block 13. was performed in accordance with CAR 571.			
15. Authorized signature N/A		16. Certificate/Approval ref. No. N/A		20. Authorized signature 		21. Certificate/Approval ref. No. AMO # 47-00	
17. Name N/A		18. Date N/A		22. Name Carl Bertrand M396639		23. Date 23-Feb-06	

## ENGINEERING RECORD

[illegible]



[illegible]

- Two main gear tires replaced due to scuffing of sidewalls. Two hubcaps replaced.
- Main gear assemblies fully removed from aircraft, inspected and reinstalled. No damage found. Gear cycled numerous times to confirm acceptable operation.
- Interior of aircraft removed – lower belly section inspected from inside, looking for cracks or de-lamination of wood structure. No damage found.

- Damage repairs were undertaken using acceptable techniques from the manufacturer and applicable airworthiness requirements. An airframe and engine control check was performed.

Field Notes Apr. 27/07

11/10/07 Apr 27/07

Jack Wilson Apr. 27/07

CARRIED FORWARD



AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

ENGINEERING RECORD  
NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE RECORD

# CERTIFICATE OF CONFORMITY

Northern Airborne Technology Ltd.  
#14-1925 Kirschner Rd, Kelowna, B.C. Canada V1Y-4N7

I hereby certify that the item listed hereon conforms to NAT proven design data, has been inspected and tested, and meets the manufacturer's specifications. This is substantiated by my own inspection and test.

Part Number: AA86-002

Serial Number: 1052

Design Data: B.S. 1.01

Date: Apr 11, 2007

Certified By:

Authorized Inspector

Northern Airborne Technology Ltd. is a Transport Canada Airworthiness approved manufacturer.  
Note: This product is not formally approved to a specific aviation type approval and may be subject to local aviation authority approval for your intended application.

NAT/QPF 408-01-5 Rev. 1.02

APR 29/07

JUNE 30/07

Annual Inspection  
see full checklist.  
Cabin Heat muffs OK  
Wood spr and structure OK

JUNE 27/05

Annual Inspection  
See Bill's checklist  
Cabin Heat Muffs OK  
Wood structure & spar inspected OK  
ELT Removed for service - Reinstalled

Oct 4/08

Front fuel tank removed for repair. Removed and reinstalled documents. No primary flight controls were disconnected. Trim indicator replaced in dash.

CARRIED FORWARD

# ENGINEERING RECORD

LICENCE NUMBER		3. Form tracking No.	
		47-00	(QCP4 REV 1)
1. Approving national aviation authority/country		5. Work Order/Contract/invoice	
2. AUTHORIZED RELEASE CERTIFICATE	TCOA 24-0078	81857	
Transport Canada		Division of Laeilynd Inc.	
4. Approved organization name and address			
Discount Avionics 1 John James Dr. Angus, ON L0M 1B3			
1-877-878-8363 www.discountavionics.com			
6. Item	7. Description	8. Part Number	9. Eligibility
ELT	AMERIKING AK-450	N/A	1
10. Qty		11. Serial/batch #	12. Status/work
457/019		"INSPECTED"	"Performance tested"
13. Remarks			
ELT Certified IAW CAR 571 Appendix "G" and/or Manufacturer Specifications			
Batt Due: JUL 2009			
14. Certifies that the item identified above were manufactured in conformity to:			
<input type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non approved design data specified in block 13.			
15. Authorized signature			
N/A			
16. Certificate/Approval ref. No.			
N/A			
17. Name			
N/A			
18. Date			
N/A			
19. <input checked="" type="checkbox"/> CAR 571.10 Maintenance Release.			
20. Authorized signature			
21. Certificate/Approval ref. No.			
22. Name			
23. Date			
Certifies that, except where otherwise specified in block 13, the work identified in block 12, and described in block 13, was performed in accordance with CAR 571.			
Carl Bertrand M396639 02-JUL-08			

PA 346274

PA 346774

PA 346774

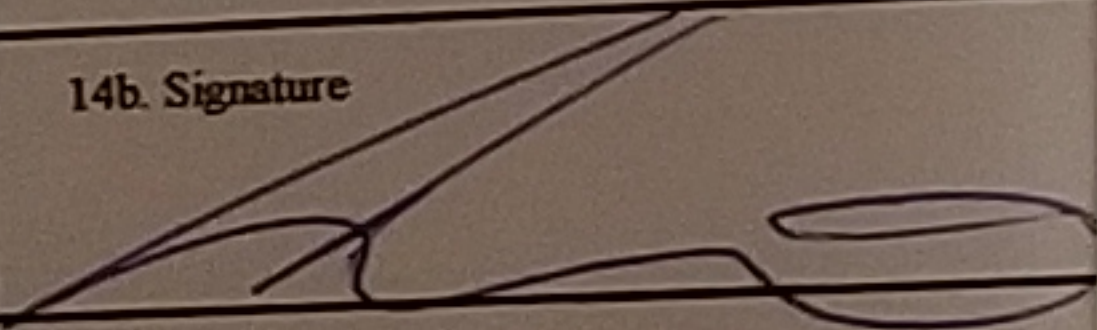
PA 346774

PA 346774



AIR TIME AND

[illegible]

Approving Civil Aviation Authority Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>	
4. Organization Name and Address <b>Discount Avionics 1 John James Dr. Angus, ON L0M 1B3</b> <b>1-877-878-8363 www.DiscountAvionics.com</b>		Division of Laetryd Inc.	
6. Item  <b>ELT</b>	7. Description  <b>AMERIKING AK-450</b>	8. Part No.  <b>N/A</b>	9. Qty.  <b>1</b>
		10. Serial Batch No.  <b>457019</b>	
12. Remarks  <b>Batteries Replaced and ELT Certified IAW CAR 571 Appendix "G" and/or Manufacturer Specification</b> <b>Batt Due: JUL,2010</b>			
13a. Certifies that the items identified above were manufactured in conformity to:  <input type="checkbox"/> approved design data and are in condition for safe operation <input type="checkbox"/> non approved design data specified in block 12		14a. <input checked="" type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in the Certifies that unless otherwise specified in block 12, has been performed in accordance with Aviation Regulations.	
13b. Signature  <b>N/A</b>	13c. Approved Organization Number  <b>N/A</b>		14b. Signature  
13d. Name  <b>N/A</b>	13e. Date (dd/mm/yyyy)  <b>N/A</b>		14d. Name  <b>Carl Bertrand M396639</b>

**Installer Responsibilities**

This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that of the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the applicable national regulations before the aircraft may be flown.

July 18/10	→	301-2	Annual inspection as per CAR Std. 50741 ELT air test OK Wooden spar and extreme structure nose gear spring skimmed, for stronger slide, wall. Safety latches added Aircraft is serviceable.
			CARRIED FORWARD

## ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT		SIGNATURE	LICENCE NUMBER
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.			
Due July 2010, Batt Due July 2011		Mike	PA 346774
C & D - using Sequoia Aircraft checklist as reference			
Visual inspection lock. Engine, air intake. <del>SC</del> hose replaced with control ball ends.			

C&D - using Sequoia Aircraft checklist as reference

Visual inspection  
lock. Engine air intake ~~SA~~ hose replaced with  
control ball ends.



# AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					
May 22/11			319.8		Instrument panel removed & replaced. Navaid outboard installed with interface to autopilot, interface for future use via Mbox connector on glass panel. Front fuel tank R&L to repair leak. PRC applied to all lower-half seams. Nose gear & right main oleos pressure increased.
Nov 12/11			328.4		Annual inspection as per CAR Std. 625 Appendix D. Wooden spar and airframe structure visual inspection. Oil change & filter. Aeroshell Multi-grade.
Dec 15/12			347.9		Annual inspection as per CAR Std. 625. Wooden spar and airframe structure inspection. Oil change & filter. ELT Recertified.
Dec 13/14			354.3		Annual inspection as per CAR Std. 625 Appx. Wooden spar and airframe inspection. as per replaced battery replaced - Odyssey PC 725 serviced - seal may be leaking.
Jan 18/16			366.4		Annual inspection as per CAR Std 625 Appx. B&C serviceable. Nose gear down switch repaired. outboard detent adjusted. Fuel flow gauge adjust. Airframe inspected as per CAR Std. 571E - wooden structure. Compass swing. Aircraft is serviceable.

## ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT

head replaced with TruAvionics head. Garmin Aera 510 audio and data port on comm radio. TIS input provided. Yellow wire is serial data input with 12v power available. Crack in seam weld on front left outside vertical seam.

using Sequoia Aircraft checklist as a reference as per Std. 571 Appendix E Aircraft is serviceable. 15W50 Champion CH48100 filter. Rebuilt URG-16 installed. Appx. B&C using Sequoia Aircraft checklist as per Std. 571 E Aircraft is serviceable.

B&C using Sequoia Aircraft checklist as a reference. CAR Std. 571E. Oil change (w/ oil filter) nose gear tire. Injectors removed checked & cleaned. Nose gear oleo

using Sequoia Aircraft checklist as a reference Aircraft is serviceable. Fuel flow gauge adjust. At clean gas added. Aircraft is serviceable.

Annual inspection completed in accordance with Chapter 507, paragraph 507.325(d), and the maintenance requirements set out in Chapter 571, paragraph 571.101(a). Mag to engine timing completed. Comp test completed #1 75 #2 77 #3 70 #4 74. Spark plugs were cleaned gaped and tested. Removed elevator for repair 3 patches were installed L/H outboard upper and lower skins approximately 18 inches from the tip. Repairs were carried out IAW AC 43 13-1B Section 4 Par 1-51 Scarf Patch. Elevator was painted and checked for balance. Elevator and rudder were installed with new hardware as required. Installed 1 of P/N ARB3-5-1=4 vacuum relief filter. Compass cal and tach check completed. ELT recertified by SOS Avionics. C/W CF90-03R2,

## MAINTENANCE RELEASE

**SOS AVIONICS**  
2610 AIRPORT ROAD REGINA, SK. S4W 1A3 PHONE (306) 352-8200  
D.O.T. APPROVAL NO. 88-98

Nomenclature: AK450  
Manufacturer: 457019  
Part No.: 190179  
Total Time: 366.4  
New ( ) Overhaul ( )  
Rebuild ( )  
Repair ( )  
Modification ( )  
Removal ( )

AME OR AUTHORIZED INSPECTOR [Signature] LIC No./STAMP [Stamp]  
DATE Aug 26/19

### SOS Avionics

C-FMWW

#### VFR Transponder / Encoder Correlation /ELT Recertification

Date: August 28, 2019

ELT AK450 s/n 457019 recertified as required by CARS 625c12 to limits of CARS 571g,

. Next recertification due August, 2020.

The Transponder and Altimeter/Encoder correlation tests required by CARS 625c14 have been performed and found to comply with CAR 571 Appendix F. Next recertification due August 2021.

Pitot-Static system tests have been performed on the instruments and found to comply with CARS 571 Appendix B). Static leak identified between static ports and instruments.

Encoder was tested to 20,000 ft. ASL.

Details of these are on file at AMO 88-98 under W.O. N° 190179



CARRIED FORWARD

11434066



NAME  
NOM

NO.

LEAVENS  
7E 7746A