



Transport  
Canada

Transports  
Canada

TP 14058E  
(03/2003)

C-GTDG

## Airframe Log

NAME: CIRUS  
MODEL: SR22  
S/N: 33-2297  
REG. NO: N418GS  
WORK ORDER  
8068-12-2006



### Cirrus Design Factory Service Center

Repair Station No. YD5R855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone: 218-788-3101

Signature

AME or  
AMO/ACA

DATE: 12/18/2006  
A/C TSN: 67  
HOBBS: 67

### Airframe Entries

(5) Addressed minor exterior cosmetic discrepancies IAW CDC AMM CH 11-20, 12-20, 20-30, 51-20 and standard maintenance practices (8)  
Readjusted spring tension on both RH and LH fuel caps for proper seal IAW CDC SR-22 AMM 28-10

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y

DATE: 12/18/2006

SIGNED:

Karl Hagglund  
Certified Repair Station No. YD5R855Y

Work Order: 8068-12-2006

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N418GS 5-20-2007 Hobbs39.5 Flight Hobbs 32.3  
Installed Airwolf Air Oil separator, pn AFC-W347-A.  
On engine SN 690003. Work was accomplished IAW  
STC# SA02268CH and Airwolf installation instructions  
Drawing #AFC-W-360 Rev.C. Weight and balance  
records have been updated and placed in the aircraft  
records and POH. Form 337 has been placed in the  
aircraft records. Ground ran engine, removed cowling  
and inspected for leaks, no leaks noted at this time.  
Clyde K Long Jr A&P2817143IA

*Clyde K Long Jr*

[illegible]

N418GS Hobbs 271.0 Flight 241.0 1-1-2009 Replaced O-Rings in both brake calipers. Lubed all flight controls, performed operational check of all interior and exterior lighting. Repacked all wheel bearings. Installed new brake pads on both brakes, pn 066-06200. Installed new ELT batteries, 8 "D" cells. The following A.D.s have been previously complied with as service bulletins. A.D. 07-14-03, has been complied with on 6-1-07, as SB A2X-95-10R2. A.D. 08-14-13 complied with as SB 2X-52-07R4. I have inspected this airframe using the F.A.R.s and the CDMM, ch 5-20 as a guide and have found it to be in an airworthy condition.

Clyde K Long Jr

A&P2817143 I.A.

*Clyde K Long Jr*

Signature

AME or  
AMO/ACA

047 1-1481

11/14/07	328.8	SERVICE A/C, LUBED F&T CONTROLS SERVICE TKS & C/WED F&T OIL.	<i>[Signature]</i> 213088275
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4510 Airport Rd.  
Cincinnati OH 45226  
(513) 321-1200



**N418GS S/N: 2297 Date: 4/6/2010 Airframe Hobbs: 329.7 Flight: 292.1**

Inspected aircraft I/A/W an Annual inspection per Cirrus SR22 AMM rev. A3 Chapter 5-20.

The following work was accomplished at this time:

1. Serviced all lubrication items as needed.
2. Cleaned, inspected and greased all wheel bearings.
3. C/W elt inspection per FAR 91.207d
4. Installed both main tires Michelin p/n 061-501-0 and tubes p/n 097-500-0.
5. Serviced air conditioning with R134.
6. Trouble shot malfunctioning recirculation door to open limit switch. Cleaned contacts. Functional tests normal.
7. Performed TKS porous panel purging per AMM 12-10 (3).

**Airworthiness Directives**

All AD's complied with to this date

**Service Bulletins**

SB 2X-05-01 accomplished at this time. Installed new o-rings in brake assemblies, installed yellow temperature stickers to brake housings, and installed POH temp revs TPOH\_08-05 and TPOH\_08-06

SB 2X-32-19 R1 accomplished at this time. Nose landing gear assembly inspection and reinforcement. Inspected for cracks, none found.

SB 2X-21-03R1 accomplished at this time. Air conditioner sealing.

I certify that this airframe has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA

*[Signature]*

4510 Airport Rd.  
Cincinnati OH 45226  
(513) 321-1200



**N418GS S/N: 2297 Date: 4/12/2010 Airframe Hobbs: 330.2 Flight: 292.1**

Installed new #2 batteries p/n 50979-001 for 2 year replacement New replacement date 4/2012.

Greg Herrmann 406901563IA

*Greg Herrmann*

Ayco, Inc.  
Hangar #3, Lunken Airport  
Cincinnati, OH 45226

Cirrus SR22 N418CS  
S/N 2297  
WO# 2255

April 27, 2010

Install repaired S-Tec 55X AP P/N01192-34-61T-30 S/N 0643-10643. See  
FAA Form 8130-3 dated April 22, 2010, in accordance with S-Tec Manual  
P/N87247 2<sup>nd</sup> Ed Nov 15, 07 1<sup>st</sup> Rev Mar 1, 08

*Joseph K Schott*  
Joseph K Schott CRS DD1R082K

Date **APR 26 2010**

MAKE Cirrus  
MODEL SR22  
S/N 2297  
REG NO N418GS  
WORK ORDER  
28482-12-2010



**Commander Aero, Inc.**  
Repair Station No. GA5R-876M  
10570 Springboro Pike  
Mansburg, Ohio 45342 USA  
Phone 888-881-5580

DATE 1/3/2011  
A/C TSN 328 9  
FLIGHTTIME 328 9

#### Airframe Entries

(1) Complied with Cirrus prebuy inspection-airframe.... (3) Disconnected stall warning tube from TKS panel. Cleaned debris from  
stall warning port and tube. Reattached stall warning tube.... (9) Removed nose fork and readjusted set screw. Replaced thrust  
washer and Belleville spring washers. Reinstalled nose fork and reset tension to specified limits.... (11) Replaced customer supplied  
cabin entry steps.... (13) Complied with AD 08-03-16 by checking PIC/W SB 2X-27-14 R3 (Rudder Aileron Interconnect  
Modification).... (14) Checked AD's thru 10-26.

#### Maintenance Release

The aircraft and/or component(s) on N418GS was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and  
was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work  
Order No. 28482-12-2010.

DATE: 1/3/2011

SIGNED:

*Gary Kromer*  
Kromer, Gary  
Certified Repair Station No. GA5R-876M

Work Order: 28482-12-2010

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C-3TDG

Aeronav Work Order 2011-134-002

Transponder and Altimetry devices inspected and tested in accordance with CAR 825, Appendix C,  
items 13 and 14.

The above maintenance/installation(s) were carried out in accordance with the applicable  
standards of airworthiness, and manufacturer's approved data.

Signed:

Cert. Stamp:

AERO  
001

AMO#

90-04

Date: **III 7 8 2011**

6-0110

(18 Aug 2011)


8-13 E.E.  
0425 hours taxi (hobbs)

Circus Aircraft Design model SR22  
Tadpole Continental Motors model KOSON42  
Hartzell Propeller model 2P4K-J3YF-TRF

serial number 2297  
serial number 684948-690003  
serial number FP5185B

- "C-GTDC" Nationality and Registration Marks applied by vinyl decal over painted registration "N7418GS".
- "ELT Here" Placard placed on aft left fuselage side, just aft of access panel.
- "Warning" Placard placed adjacent to ELT Remote Switch as required.
- Weight and Balance Report dated: 29 July 2011, reviewed and found current.
- Empty Weight of the aircraft is 2421.0 pound.
- Arm of the aircraft at empty weight is 138.4 inches.
- The weight and C of G arm of the aircraft may be changed by the operator depending on loading conditions: fuel oil, anti-ice fluid, passengers and baggage. It is the responsibility of the operator to ensure that it is within the limits stated in the Pilots Operating Handbook.
- Equipment List reviewed and found current and complete.
- Airworthiness Directives for airframe, engine, propeller, and miscellaneous/appliance: both "CF" and "FAA" series, reviewed and found current.
- Prior Major Repairs and Major Modifications reviewed and found to meet TCCA requirements.
- Inspection requirements for Airframe, Powerplant, and Appliances reviewed and found current.
- Life Limitations for Airframe, Powerplant, and Appliances reviewed and found current.
- Placards reviewed and found complete.
- Aircraft imported IAW CAR 507.06, AWM 507.06 and AWM 507.07 per MSI 26.
- TCCA Form 24-0045 completed as required.
- I Certify that this aircraft conforms to TCCA Type Certificate A-216.
- Application made for Certificate of Airworthiness per TCCA Form 24-0043.
- Certificate of Registration and Certificate of Airworthiness placed in aircraft.

The described maintenance has been performed in accordance with the applicable airworthiness requirements

  
Toney Monroe M1/M2 434464

  
Date



Toney Monroe M1/M2 434404

**PACIFIC RIM AVIATION LOGBOOK ENTRY**

AIRCRAFT: C-GTDG

TTAF: 342.5-3438

Date

Re: W.O. E613 Annual Inspection, out of phase and additional maintenance completed as detailed on worksheets #1-13

- R/H Magneto S/N D06KA139 and L/H Magneto S/N D06KA134 overhaul C/O
- Governor S/N 061106 overhaul C/O. Serviceable. - Dual inspection c/o
- Engine controls Dual Inspection C/O serviceable.
- Replaced 8L Oil P/N 15W50 and Filter P/N CH48108-1
- Replaced Fuel drain valve seal P/N M832481-015. Serviceable.
- Magnetometer calibrated. Serviceable.
- Airwolf Air Oil Separator Cleaned I.A.W. Airwolf AFC-W360
- Replaced Anti-ice protection filter P/N 15165-009. Serviceable.
- Replaced all flexible brake lines. Serviceable.
- Replaced all flexible fuel lines. Serviceable.
- Brakes bled, Fuel lines bled. Serviceable
- Landing light lens P/N 17298-001 replaced. Serviceable.
- Evaporator Assy. P/N 2114-401 replaced. Serviceable.
- Rudder aileron interconnect P/N 12983-001 replaced
- Flight control dual inspection C/O serviceable.
- A.D. CF-90-03 R2 Exhaust type cabin heater inspection c/o serviceable.
- Replace fuel gascolator stat-o seal P/N NAS1523-8B and o-ring P/N 2513-137. Serviceable.
- Call sign changed to C-GTDG
- Placard inspection C/O satisfactory
- Avidyne Autopilot computer Inspected I.A.W. S.T.C. IFCAW AVDFC-030
- Ground Run/Leak check/ Operational function check C/O. Serviceable.

The described maintenance has been performed in accordance with the applicable airworthiness requirements. AMO# 85-06

Sign

ACA# 1

Date: AUG,08 2011

by CRADME Rogers  
transcribed by  
Toney Monroe ACA#1

Aug 8/11  
ACA#1

Date: 09 Aug 2011

Aircraft: C-GTDG

TTAF: ~~342.5~~ 343.8 5

Maxcraft Avionics Ltd.  
Log Book Entry

**MAXCRAFT  
AVIONICS LTD**

TCCA: AMO 33-90

www.maxcraft.ca

604-465-3080

Installation: Kannad 406AF-Compact ELT (Minor Mod):

Installed Kannad 406AF-Compact ELT per CAR Standard 551.104 and in accordance Kannad install manual Doc09081A rev 00.

Pointer ELT previously removed.

ELT Antenna p/n AV-200 installed at original ELT position.

ELT PN: S1851501-02, SN: RX10000030427 mounted in aft baggage area using original factory bracket.

RC200 Control Panel PN:S1820513-11, SN: TH0000018358 installed on circuit breaker panel. Removed old ELT remote ind. panel.

Programmed ELT per ICAO - ID # 278780EE52FFBFF as appropriate for Canadian C-GTDG. ID #C07729 .

Carried out Functional test after system installation - System serviceable.

This installation was determined to be a minor modification per AWM 571 Appendix A.

Electrical Load unaffected by ELT installation.

Weight and balance amended. New empty weight is 2420.5 and C of G is 138.4

ELT annual inspection due: 09 Aug 2012. ELT Battery due: 07/2017

Note: Aircraft owner must register ELT with the National Search and Rescue Secretariat.

All details recorded on Maxcraft Avionics work order: S18612

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Signed:

The maintenance described above has been performed in accordance with the applicable standards of airworthiness

Signed:

Mike Golech

WP Golech M400629

Maxcraft Avionics ACA #:A

RIM AVIATION LOGBOOK ENTRY

AIRCRAFT: C-GTDG

TTAF: 343.8

Re: W.O. E715 Maintenance completed as detailed on worksheets #1-2

Snag #1 L/H wing strobe P/N 36-0050705-00 replaced. Serviceable.

Snag#2 Magnetic compass swing C/O. Serviceable.

Snag#4 First aid kit installed

Snag#5 Engine cowl installed

Snag#6 Concorde Battery P/N G-243 replaced. S/N off: G02292300, S/N on: G02671696. Serviceable.

Snags #3,#7,#8 Previously rectified, see MAXCRAFT AVIONICS ENTRY WO#S18612

The described maintenance has been performed in accordance with the applicable airworthiness requirements. AMO# 85-06

Sign

ACA #2

Date: AUG 10, 2011

C-GTDG SR22 S/N: 2297  
Nov 3, 2011 TAT: 372.6

- 1) Aircraft experienced prop strike.
- 2) Cows removed.
- 3) Propeller model PHC-J3YF-1RF, s/n FP5185B, removed and sent to Western Propeller for inspection/repair.
- 4) Governor C290D3RT/T23, s/n 061106 removed and sent to Western for inspection/repair.
- 5) Removed engine baffles, hoses, exhaust, wiring and accessories.
- 6) Removed engine IO-550-N42, s/n 690003 and sent to Pro Aero Engines for inspection/repair.
- 7) Engine re-installed after repairs. Original shock mounts and attach bolt re-installed.
- 8) Re-installed engine baffles, hoses, exhaust, wiring and accessories.
- 9) Reinstalled original governor after complete overhaul.
- 10) Re-installed original propeller after complete overhaul.
- 11) Engine controls re-attached, rigged and saftied.
- 12) Engine fuel injection system pressures checked IAW SID 97-3.
- 13) Engine ground run and leak checked, found satisfactory.
- 14) Cows re-installed.
- 15) Maintenance described above has been performed in accordance with all the applicable standards of airworthiness.

I have conducted an independent inspection for conformance to the type of flight/power controls affected by the work accomplished

Sig: C. FRICKER Cert No: PRO 002 Date: NOV 3/11

Sig: [Signature] Cert No: PRO 001 Pro Aircraft Maintenance Ltd.  
AMO #98-04. Above work tracked on W/O 3700


**Aeronav Work Order 2013-133-001**

Transponder and Altimetry devices inspected and tested in accordance with CAR 625, Appendix C, items 13 and 14.

The above maintenance/installation(s) were carried out in accordance with the applicable standards of airworthiness, and manufacturer's approved data.

 Signed: [Signature] Cert. Stamp: 301 AMO#: 9809

 License#: MR7320 Date: JUL 24 2013

Signature	AME or AMO/ACA

C-GTDG SR 22 S/N: 2297  
 Sept 26, 2013 TAT: 374.2

- 1) Pyrotechnic Line Cutters replacement due. Removed time expired line cutters, installed new line cutter replacement kit p/n 25347-002 as per Cirrus Service Manual.
- 2) Maintenance described above has been performed in accordance with all the applicable standards of airworthiness.

Sig: [Signature] Cert No: PACA Pro Aircraft Maintenance Ltd.  
 AMO #98-04. Above work tracked on W/O 4218



C-GTDX SR 22 S/N: 2297  
 Sept 26, 2013 TAT: 374.2

- 1) Pyrotechnic Line Cutters replacement due. Removed time expired line cutters, installed new line cutter replacement kit p/n 25347-002 as per Cirrus Service Manual.
- 2) Maintenance described above has been performed in accordance with all the applicable standards of airworthiness.

Sig Frieder Cert No: Pro 000 Pro Aircraft Maintenance Ltd.  
 AMO #98-04. Above work tracked on W/O 4218



### PACIFIC RIM AVIATION LOGBOOK ENTRY

AIRCRAFT: C-GTDG

TTAF: 374.2

Re: W.O. E1148 Maintenance completed as detailed on worksheet # 1-9

- Annual inspection and Maintenance completed as I.A.W Standard 625 Appendix B, C and Cirrus SR22 AMM Inspection Template.

- All cylinders and pistons removed for de-corrosion and cleaning. Piston Rings replaced on all cylinders (P/N 654716). Cylinders re-installed.

- Compression check carried out. #1 75 #2 73 #3 70 #4 70 #5 70 #6 72.

- Fuel system drained of old fuel.

- Drained oil, replaced oil filter (CH48108-1). Replenished with 8L Mineral Oil.

- R/H Collector tank fuel sensor removed, re-sealed, reinstalled IAW Cirrus M.M 28-40.

Leak checked and function checked serviceable.

- L/H and R/H Main gear well nuts replaced with new (P/Ns 50803-001 / 50802-001).

- De-icing fluid leak found from L/H wing distributor #4 fitting. O-ring replaced with new (P/N S2800-943)

- New first aid kit installed. Next inspection due September 13, 2014.

- Fire extinguisher inspection C/O satisfactory. Next due September 13, 2014.

- Compass Swing C/O satisfactory. Next due September 14 2014.

- Magnetometer check C/O satisfactory. Next due September 14 2015.

- ELT re-certification C/O by AeroNav AMO# 90-04 W/O E2013-133. Next due July 29 2014.

- Engine air filter replaced with new (P/N BA24)

- De-icing filter replaced with new (P/N 908-01). System bled of air and function checked serviceable.

- CF90-03-R2 exhaust type cabin heater inspection carried out. No cracks, pinholes, or corrosion found.

- Battery replaced with new (P/N G243). OFF (S/N G02671696) ON (S/N G02770341).

- Replaced EMA (P/N 508358-421 S/N 07100044) with refurbished unit (Same P/N. S/N RA25SEP13-129). Next due September 26 2020.

The described maintenance has been performed in accordance with the applicable airworthiness requirements AMO# 85-06

Sign FE ACA# 3 Date: October 1, 2013

### COMPASS CARD

FOR	000	030	060	090	120	150
STEEL	004	033	064	094	123	153
FOR	180	210	240	270	300	330
STEEL	183	214	242	272	301	334

DATE Sep, 14/2013

SIGN [Signature]

## Section 1: Record of maintenance and elementary work

Section 1: Recorder Data			Details of task
Date	Total air time	Total landings/cycles	
11	374.2		
27 May 2015	13.4	351.6	

Building 160, 18700 Airport Way  
 Van Nuys, CA 91411

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED  
DATE 10/10/2001 BY 60322 UCBAW

Building 160, 18799 Airport Way  
Pitt Meadows, BC V3Y 2H4  
Shop (604) 460-7274 Fax (604) 465-7275

DATE: ~~JUNE 28, 2018~~

Work Order: 15-0001402

Registration: C-GTDC

Altitude systems inspected and tested IAW CAR Standard 571, Appendix B to a maximum altitude of 20000 feet. Transponder and pressure altitude reporting systems inspected and tested IAW CAR Standard 571, Appendix F. Next inspection due: June 16, 2017. The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Approval Number: 93-08 ACA #1

Signed \_\_\_\_\_

COMPASS CARD							Test Alt	UUT Reading	Max Error	Test Alt	UUT Reading	Max Error
FOR	000	030	060	090	120	150	-1,000	-1,010	20	6,000	6,008	40
STEER	003	033	063	092	122	152	0	3	20	8,000	7,998	60
FOR	180	210	240	270	300	330	500	502	20	10,000	9,999	80
STEER	183	214	245	275	305	335	1,000	1,015	20	12,000	11,995	90
DATE July, 27/2015							1,500	1,508	25	14,000	13,990	100
SIGN <i>[Signature]</i> 14267238							2,000	2,020	30	16,000	16,001	110
							3,000	3,020	30	18,000	18,000	120
							4,000	4,018	35	20,000	20,003	130

Date: June 16, 2015

WO No: 15-0001402

Serial No: 458767

Standby Altimeter
-------------------

**Tested to 20,000 Feet**

I.A.W. CAR Standard 571, Appendix B

Technician: M. Katz

Katz Avionics Ltd. AMO 93-08

2 MAR 2016

387.6

# **PACIFIC RIM AVIATION LOGBOOK ENTRY**

**AIRCRAFT: C-GTDG**

**TTAF: 387.6**

**Re: W/O E1514**

**Maintenance completed as detailed on worksheet # 1-9**



**TRANSCRIBED FROM  
THE JOURNEY LOG**

**NAME OF  
AMO/ACA**

- Annual Inspection c/o IAW Ch. 625 App. B&C using Cirrus SR22 MM as a reference.
- Spark plugs removed, cleaned, gapped, tested and re-installed. Engine ground run and function check serviceable.
- Compression check c/o IAW AC43-13-1B para 8-14. #1-74, #2-69, #3-70, #4-69, #5-66, #6-70.
- Drained oil. Replaced oil filter P/N AA48108-2. Added 8 litres 15w50 AeroShell & 1 Avblend.
- Replaced Air Filter P/N BA-24
- Removed and re-packed all wheel bearings.
- Fire Extinguisher re-certified. Next inspection due 14 July 2016.
- First aid kit re-certified. Next inspection due 14 July 2016.
- Compass swing c/o IAW AC43-13-1B Section 3 para 12-37. Next due 27 July 2016.
- Removed, cleaned, inspected, tested and re-installed all fuel injector nozzles. Function checked serviceable.
- ELT removed from aircraft and re-certified by Katz Avionics under W/O 15-0001402. Next inspection due 26 June 2016. Battery due July 2017.
- AD CF90-03R2 exhaust type cabin heaters inspection c/o. No cracks, pinholes or corrosion found.
- 24 month pitot-static inspection c/o by Katz Avionics W/O 15-0001402. Next Due 16 June 2017.
- Pilot's side seat airbag connector repaired.
- Pilot's side L/H brake master cylinder fitting repaired. Master cylinder re-installed and system bled.
- Ice protection filter replaced with new P/N 26115-101. System air bled IAW SR22 MM 30-05.
- Number 2 Batteries replaced P/N NP7-12.
- Magnetometer re-calibrated IAW Cirrus SR22 MM Section 34-20 Pages 20-21. Function checked serviceable.

**The described maintenance has been performed in accordance with the applicable airworthiness requirements. AMO# 85-06**

**Sign**

**ACA#**

**Date: July 27, 2015**

# **PACIFIC RIM AVIATION LOGBOOK ENTRY**

**AIRCRAFT: C-GTDG**

**TTAF: 387.6**

**Re: W/O E1**

**Maintenance completed as detailed on worksheet # 1**



**TRANSCRIBED FROM  
THE JOURNEY LOG**

**New main battery installed P/N G243 - S/N G02873038. Function checked serviceable.**

**The described maintenance has been performed in accordance with the applicable airworthiness requirements. AMO# 85-06**

**Sign**

**ACA#**

**Date: March 2, 2016**