



## SOARING ASSOCIATION OF CANADA FAI Gliding Certificate & Badge Claims Application

### Pilot data (print)

Check if not a SAC member

Pilot's name \_\_\_\_\_ Country of citizenship \_\_\_\_\_  
Address \_\_\_\_\_ FAI Gliding Certificate number \_\_\_\_\_ (if held)  
\_\_\_\_\_ Club \_\_\_\_\_  
Postal code \_\_\_\_\_ Tel. \_\_\_\_\_ E-mail \_\_\_\_\_

### FAI Gliding Certificate application (if applicable)

Date of birth: day \_\_\_\_\_ mo \_\_\_\_\_ yr \_\_\_\_\_  
Place of birth \_\_\_\_\_

**Supervising OO** Name (print) \_\_\_\_\_ OO # \_\_\_\_\_

Address \_\_\_\_\_ E-mail \_\_\_\_\_  
\_\_\_\_\_ Postal code \_\_\_\_\_

### Notes and Instructions

The FAI Sporting Code defines all badge requirements, and should be read in conjunction with its Annex C, "Official Observer and Pilot Guide" for general assistance. Flights may be carried out in any order. A flight may count for all badge legs it meets the requirements for. Claims must be submitted within 6 months of the flight date. Payment is required for the processing fee, the FAI Certificate, and the C, Silver, and Gold badges. It is desirable that all evidence be completed on this form, but separate documentation is acceptable if it has all the relevant information and is certified by the OO.

**Barographic Evidence** An FAI-approved FR barograph must have been calibrated within 24 months before (12 months for a mechanical baro) or 1 month after the flight unless it is being used to prove continuity of flight only. A calibration trace must be compared with the barogram before the OO signs a claim for a height gain. This trace shall be submitted to the Badge chairman for Silver claims of less than about a 1150 metre or 3800 foot gain, and for Gold and Diamond claims of less than 250 metres or 800 feet over the minimum gain required. The Badge chairman may call for a calibration trace for any flight. The OO must ensure that a mechanical barograph is sealed before the flight, carried on the flight, and returned to him still sealed before adding the below data. Additional detail is helpful. A barograph must be carried for all tasks except for a locally flown and observed duration flight. A barogram from a mechanical barograph must include:

- a. pilot's name
- b. flight date
- c. baseline
- d. barograph make, serial number & altitude range
- e. OO signature & OO pre-flight ID mark, and
- f. glider type & registration

### Flight Recorder Evidence

If the FR is a separate unit from the GPS receiver, the OO shall verify and seal the installation of the equipment and cabling for and between the receiver and FR.

Pilots and OOs should be familiar with and follow the instructions given in the FAI approval document for the FR used. A list of FAI-approved FRs and links to the approval documents can be found at:

[www.fai.org/gliding/IGC\\_approved\\_frs](http://www.fai.org/gliding/IGC_approved_frs)

A "GPS position recorder" may be used if it is one of a list acceptable to SAC. The list is held by the Badge Chairman.

A data storage device (ex. CD, diskette, memory stick) containing a validatable FR file must be submitted. No printout is needed. A landing certificate is not required when a FR is used.

**Duration Claim** *A difference of more than 1000 metres between start and finish heights will invalidate a claim.*

Claim is made for:  C Badge (a 1 hour flight & 2 hours total solo)  Silver ( 5 hours )

Date of flight \_\_\_\_\_ Place of launch \_\_\_\_\_

Glider type & registration \_\_\_\_\_ Barograph or FR type & no. \_\_\_\_\_

I certify that I have examined and found correct the following evidence related to the flight:  
(check the appropriate boxes).

Certificate of uninterrupted flight, certified barogram, or flight .igc file

Landing cert.  Aerotow / Winch Release Cert.  Diff. of height cert.

OO signature \_\_\_\_\_ OO # \_\_\_\_\_

<b>DURATION</b> from release
hr min

**Uninterrupted Flight Certificate** *Sign for a duration claim where no barograph has been carried – not required with GPS position evidence.*

I certify that this duration flight was made under observation and that it was uninterrupted.

OO signature \_\_\_\_\_ OO # \_\_\_\_\_

**Aerotow/Winch Release Certificate** (complete for flight #1) Flight date \_\_\_\_\_

I certify that the glider was released at (give exact position) \_\_\_\_\_  
at \_\_\_\_\_ hours at \_\_\_\_\_ feet ASL

OO / launch operator name \_\_\_\_\_ OO / launch operator signature \_\_\_\_\_

**Aerotow/Winch Release Certificate** (complete for flight #2) Flight date \_\_\_\_\_

I certify that the glider was released at (give exact position) \_\_\_\_\_  
at \_\_\_\_\_ hours at \_\_\_\_\_ feet ASL

OO / launch operator name \_\_\_\_\_ OO / launch operator signature \_\_\_\_\_

**Aerotow/Winch Release Certificate** (complete for flight #3) Flight date \_\_\_\_\_

I certify that the glider was released at (give exact position) \_\_\_\_\_  
at \_\_\_\_\_ hours at \_\_\_\_\_ feet ASL

OO / launch operator name \_\_\_\_\_ OO / launch operator signature \_\_\_\_\_

**Altitude Claim** is made for:  Silver 1000m  Gold 3000m  Diamond 5000m

Date of flight \_\_\_\_\_ Place of launch \_\_\_\_\_

Glider type & registration \_\_\_\_\_ Barograph or FR type & no. \_\_\_\_\_

I certify that I have examined and found correct the following evidence related to the flight:

Certified barogram or FR file  Barograph calib. trace (see page 1 notes)  Tow release certificate

High point \_\_\_\_\_ m

OO signature \_\_\_\_\_

Low point \_\_\_\_\_ m

OO# \_\_\_\_\_

**HEIGHT GAIN** \_\_\_\_\_ m

### Difference of Height Certificate

For a flight of less than 100 km, the difference of height is less than 1% of the distance flown. For a longer flight, the achieved distance has been reduced by 100 times any excess over a 1000m difference of height.

The release / start height of the glider was  m/ft ASL, and the finish height was  m/ft, giving a height difference of  m/ft Resulting distance penalty (if any):  km

OO signature \_\_\_\_\_ OO # \_\_\_\_\_

### Distance and Goal Claims

Silver (50 km)  Gold (300)  Diamond Goal (300)  Diamond (500)  Diploma ( etc. )

750  
1000

Date of flight \_\_\_\_\_ Place of launch \_\_\_\_\_

Glider type & registration \_\_\_\_\_ Barograph or FR type & no. \_\_\_\_\_

I certify I have examined and found correct the following evidence related to this flight:

Certified barogram or FR file  Difference of height certificate  Aerotow/winch release certificate

Landing certificate (not with FR file)  Declaration form (if superceding a declaration on the FR file)

Start point (take-off / remote / release) \_\_\_\_\_ Lat / Long \_\_\_\_\_ N \_\_\_\_\_ W

Turnpoint 1 \_\_\_\_\_ Lat / Long \_\_\_\_\_ N \_\_\_\_\_ W

Turnpoint 2 \_\_\_\_\_ Lat / Long \_\_\_\_\_ N \_\_\_\_\_ W

Turnpoint 3 \_\_\_\_\_ Lat / Long \_\_\_\_\_ N \_\_\_\_\_ W

Finish point (landing / remote / goal) \_\_\_\_\_ Lat / Long \_\_\_\_\_ N \_\_\_\_\_ W

OO signature \_\_\_\_\_ OO # \_\_\_\_\_

Distance claimed \_\_\_\_\_ km

Dist. penalty (if any) \_\_\_\_\_ km

net **DISTANCE** \_\_\_\_\_ km

**Landing Certificate** I certify that the glider landed at (give exact position) \_\_\_\_\_  
\_\_\_\_\_ Time \_\_\_\_\_ Date \_\_\_\_\_

OO only, or 1st witness sig. \_\_\_\_\_ 2nd witness signature \_\_\_\_\_  
Name (print) \_\_\_\_\_ Name (print) \_\_\_\_\_  
Address \_\_\_\_\_ Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**IGC Flight Recorder / SAC Position Recorder Evidence Certificate** I certify that:

- a) Recorder type \_\_\_\_\_ serial no. \_\_\_\_\_ was used for the claimed flight.
- b) The FR evidence for flight file \_\_\_\_\_ has been validated with vali-XXX.exe or IGCshell.exe programs (XXX is the 3-letter FR manufacturer's designation).
- c) The FR evidence verifies the claimed flight and all FAI rules governing FRs have been complied with.

OO signature \_\_\_\_\_ OO # \_\_\_\_\_

**Pilot's Statement** I verify that the flight was conducted in accordance with the FAI Sporting Code, was flown in compliance with all the glider manufacturer's and national operating limitations, and in accordance with national flight regulations respecting airspace use, etc. I request that SAC register these badge accomplishments. Enclosed is the required supporting evidence (motorgliders require additional evidence), and I understand that an incorrect application will be returned to the supervising OO. Following is a brief narrative of the flight (eg. thermal, wave, significant aspects, etc.)

\* Include descriptive location of turnpoints here or in TP list, not just the TP coordinates.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- 1) Issue me an FAI Gliding Certificate ( 2 passport-type photographs enclosed )
- 2) File this application pending the completion of the remaining badge tests
- 3) Endorse the enclosed Gliding Certificate ( only on completion of a badge )
- 4) Send me the  C Badge  Silver Badge  Gold Badge  FAI Diploma

Enclosed is the amount of \$ \_\_\_\_\_ payable to "Soaring Association of Canada". This amount includes the PROCESSING FEE (\$15). This fee applies to each application form submitted – data from up to three flights may be included on each form. Send payment and form to Badge chairman (name, address and prices in the current *free flight* magazine).

Pilot's signature \_\_\_\_\_ Date \_\_\_\_\_

**Senior Official Observer** I certify that I have reviewed the documentation submitted in support of this/these claims. The evidence complies fully with the requirements of the FAI Sporting Code, Section 3, Gliders.

Senior Official Observer's signature \_\_\_\_\_ SOO number \_\_\_\_\_

# FAI BADGE DOCUMENTATION

Documentation required is indicated by an asterisk \*

	A	B	C	D	E	F	G
A. flight barogram							
B. baro. calibration certificate (SC3-5.3.2b)							
C. difference of height certificate							
D. .igc file declaration or later paper declaration							
E. landing certificate							
F. aerotow/release certificate							
G. .igc file from FR or position recorder and file in original format if not .igc							
<i>Silver Height</i>	*	*			*	*	
<i>Silver/Gold Duration</i>	*1		*		*2		*
<i>Silver Distance</i>	*6	5	*	*3	*	*	*3
<i>Gold/Diamond Height</i>	*	*			*		
<i>Gold/Diamond Distance</i>	*6	5	*	*4	*	*	*4
<i>Diamond Goal</i>	*	5	*	*	*	*	*
<i>Diploma Flights</i>	*	5	*	*4	*	*	*4

Notes:

1. Not required if observed throughout.
2. Required if landing not witnessed by OO.
3. Required if a declared departure or finishing point is used.
4. Not required for straight distance.
5. May be required if an accurate loss of height calculation is critical to the claim.
6. A SAC-approved position recorder (list held by the Badge Chairman) may be used for Silver or Gold distance position evidence only, not for Diamond distance, and must be accompanied by a written declaration. A separate barogram is required for height evidence. Chapter 4 of the Sporting Code refers.
7. Do not include this page with your submission to the FAI Badge chairman. Send payment and form to Badge Chairman (name, address and prices in the current *free flight* magazine). As a helpful step, e-mail the flight file to the Badge Chairman promptly so any early validation problems can be caught.