



# SOSA Bronze Badge

There are several badges for glider pilots to achieve. All badges are internationally recognized by the FAI (Fédération Aéronautique Internationale) the first badge is the A badge for your solo, followed by the B badge for a flight of 5 minutes of sustained height above release height. Then the C badge for a flight of one hour following release at 2000 feet. The next badge is officially the Silver Badge consisting of a five hour flight, a 1000 m height gain and a 50Km flight. As you may have noticed there is quite a jump in your required skills to attain a Silver badge after a C badge. To give you the skills required to attempt the silver badge a Bronze badge has recently been created. It is not an FAI recognized badge but most clubs in Canada require the Bronze Badge as one of the criteria's to be checked out for cross country flying.

You don't need your license to begin training for the Bronze Badge but you should have soloed before moving forward with the exercises required.

## Requirements:

- Glider Pilot License
- Pilot in command (P1) with time of 10 hours
- Two soaring flights of 2 hours
- Three consecutive, defined spot landings\*
- Training beyond license
  - Off field landing exercises, circuit planning
  - Map reading
  - Rigging/derigging and trailering
  - Cross country procedures and club check out
  - Use of radio – radio license
  - Basics of advanced instrumentation (speed to fly, TE compensation, final glide calculator)
  - Canadian airspace structure and restrictions – collision avoidance

\* The three consecutive landings are to be performed on a space marked on the runway of 50m wide by 150m long. The glider is to cross the threshold at a height of 1 m minimum (to simulate a fence) and stop before the end of the 150m mark.

## Bronze Badge at SOSA

We hold two or three Bronze Badge courses per season, usually one in the spring and one in the fall. In this two day training we cover all exercises both in the class and in flight. We put to practice what we learn in class by taking flights from SOSA and navigate to a pre-determined landing area about 12Km away. We then practice a dual "off-field" landing. Students also practice their short field landings and de-rig a glider put it on a trailer and drive a course with the trailer. The of course put the glider back together and ready to fly!

## Bronze Badge Check list and application for Bronze Badge

Pilot Name: \_\_\_\_\_

Item	Requirements	Date Task completed	Signed*
1	Glider Pilot License		
2	Pilot in Command Time of 10 hours		
3	Soaring flight of 2 hour duration First flight		
4	Soaring flight of 2 hour duration Second flight		
5	Three consecutive spot landings		
6	Off-field Landings – Field selection Exercise Dual		
7	Off-field Landings – Circuit Planning Exercise Dual		
8	Map reading Exercises during dual flight		
9	Final Glide Exercises during dual flight.		
10	Rigging, de-rigging and trailering; Instruction and practice		
11	Cross-country Flying requirements; airspace structure and use; Radio procedures and practices		
12	Basics of advanced instrumentation		

\* To be initialled or signed by pilot or instructor as appropriate

Bronze Badge Requirements Completed:      Date: \_\_\_\_\_

Bronze Badge issued and logbook signed: \_\_\_\_\_

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