



Revision: A1
Date: February 23, 2019
Issued by: MatsL

LOCAL PROCEDURES FOR ARBOGA JUNIOR OPEN 2019

A. COMPETITION DETAILS

Name of the event: Arboga Junior Open and Swedish Junior Nationals
3 July – 6 July, 2019
Arboga, Sweden

Location of the event: Arboga Airfield, ESQO, Sweden
Pos. 59 23 45 N, 15 54 54 E
Elev. 10 m MSL

Time Schedule:

Final entries due	July 1 st 2019
Deadline for class change	At first competition briefing July 3 rd
Airfield closed for training flights	Not applicable
Registration	at 16:00 – 21:30 hrs July 2 nd , and 07:30 – 09:00 hrs July 3 rd
Acceptance check for gliders	Not applicable
Informal briefing for new pilots	at 20:00 hrs July 2 nd (if needed)
First contest briefing	at 09:30 hrs July 3 rd
Contest flying	July 3 rd – 6 July 6 th
Closing Banquet and Prize giving Ceremony	~19:00 hrs July 6 th , may be delayed in case of out landings

Daily competition briefing will be held at 10:00 hrs. Grid time and time for first expected launch will be announced at briefing. Please observe that grid time may occur before daily briefing. In that case the time will be announced at club area and at our website latest at 21:30 hrs the day before.

Competition officials

Project Manager: Lars Jauring
jauring.la@telia.com

Contest Director and Task setter: **Mats Lundqvist**
[MatsELundqvist\(at\)telia.com](mailto:MatsELundqvist(at)telia.com)

Chief scorer: TBD

Starter: **Bengt Frid**
[bfrid\(at\)telia.com](mailto:bfrid(at)telia.com)

Safety officer: **Sven Robertsson**
[Sven.Robertsson \(at\) saabgroup.com](mailto:Sven.Robertsson (at) saabgroup.com)

Public Relations: Olle Ytterberg
[Olle.Ytterberg \(at\) saabgroup.com](mailto:Olle.Ytterberg (at) saabgroup.com)

Addresses for correspondence and Entries

Entries shall be made at the website

Arboga Open
c/o Mats Lundqvist
Sundbyvik Ekbacken
S-635 31 Kvikksund
Sweden

Phone: +46 (0)766 – 485723
E-mail: [MatsELundqvist\(at\)telia.com](mailto:MatsELundqvist(at)telia.com)
Web-site: <http://www.arbogafk.se/ArbogaOpen/JSM2019/>

B. GENERAL

Competition Classes

Most likely classes with coefficient. Will be decided by the board of Segelflyget.

Rules

Swedish Handbook for gliding article 733 and 711.

If handicap will be used, refer to SHB 725 article 2.1.4.1.

Self briefing

To the local procedures a self briefing is appended where some of the official procedures are stated.

Additional safety rules

All necessary additional safety rules for each competition day will be announced at briefing and will be written on task sheet.

Control points

A control point file will be presented on the homepage. Please note that the turn point list can be changed until the end of May.

Airspace

An airspace file will be presented on the homepage. Please note that the air space file can be changed until the end of May.

National requirements concerning doping testing

Doping testing may be performed at any time during the competition in accordance with the FAI Anti Doping Rules.

C. CHAMPIONSHIP OFFICIALS

International Jury

Each participating Swedish flight club can nominate one person as member of the jury. For international pilots each country can nominate one person as member of the jury. The jury will appoint the chairman within the jury.

D. NATIONAL TEAMS

Qualifications

For Swedish pilots and non Swedish pilot living in Sweden within 6 months from the competitions start, has to be qualified according to SHB 733 in order to participate in Swedish nationals. Pilots that not are qualified according to SHB must have permission from SSF Executive Board decision. Contact Henrik Svensson, Segelflyget.

Entry fee

The entry fee is 500 SEK per participating glider and covers all operational costs during the competition except aero tows.

Aero tow fee is 295 SEK, may be adjusted due to fuel prices and rental cost.

Total number of allowable entries

The total number of entries will be limited to 20.

Insurance

Third party insurance – not excluding competitions – is required for each participating sailplane. The required coverage must comply with **EU Regulation 785/2004** which states the following limits:

- Certified MTOM < 500 kg, minimum Limit SDR 750 000
- Certified MTOM < 1000kg, minimum Limit SDR 1 500 000

Personal medical insurance is required for all team members, covering accidents and sickness, including any hospital costs and transport back to the team member's country of residence. Documentary proof of all insurances in Swedish or English shall be presented at check in.

E. TECHNICAL REQUIREMENTS

Mandatory additional equipment

For self launchers it is mandatory to use a remotely controlled wheel chock on grid. The reason is to prevent the glider from moving when starting up the engine. See self briefing for more information.

Competitors are expected to upload the IGC file (in secure mode) on appointed address (TBD).

Each competitor must have a serviceable mobile telephone.

Instruments that must be removed from the sailplane (or made unavailable)

The following instruments may not be fitted in the sailplane:

- Any type of artificial horizon
- Turn and bank indicator
- Bohli, Schanz, KT1 – or other gimballed compasses.

Further forbidden instruments – if any – will be specified at briefing.

High Visibility markings

No requirements.

Carriage of GNSS data transmitters for public displays

The organizers may require competing sailplanes to carry GNSS data transmitters to enable public display of GNSS flight records during competition flights. Pilots will be advised at briefing, before the equipment is installed.

Procedures for checking aircraft mass

Not applicable, unless stated otherwise on briefing.

FLARM

Not mandatory but strongly recommended.

F. GENERAL FLYING PROCEDURES

Units of measurements

Unless otherwise stated the following units will be used:

- Masses will be expressed in kilograms (kg).
- Distances will be expressed in kilometers (km).
- Speeds will be expressed in Kilometers per hour (km/h).
- Vertical speeds will be expressed in meters per second (m/s).
- Tracks and radials will be expressed in degrees true north.
- Heights will be expressed in meters Above Ground Level (AGL). Altimeter setting QFE
- Altitudes will be expressed in meters above Mean Sea Level (MSL). Altimeter setting QNH
- Flight Levels¹ will be expressed in meters Standard (STD). Altimeter setting 1013.25

¹ The upper limit of the Contest Area has been defined in m STD to ensure sufficient separation to IFR traffic at all times.

Radio communication for contact with Air Traffic Services

Not applicable.

Data transmission requirements

A mobile telephone may be carried on board the sailplane. It is encouraged to leave the telephone switched on during flight since it will help us to locate you in case of search and rescue.

Radio frequencies to be used during the Competition

Stated in self briefing.

Obstacles

There are 2 masts about 32 meters high close to the northern part of the runway. Watch out for the stays on the masts.

Turbulence

Very rare but happens sometimes in the south part of the runway.

Other traffic

No other traffic is expected to use the runway during the competition.

Miscellaneous

The airfield is a military area and therefore any photographing is prohibited. Violation according this rule may cause legal consequences.

G. TASKS

Types of tasks that will be set

The types of tasks will be set from the following:

- Racing Task (RT)
- Assigned Area Task (AAT)

H. COMPETITION PROCEDURES

Launch grid (7.1)

No grid order within the classes will be imposed. Each class will grid front to back or vice versa according to the grid personnel's directions.

Requirements for discharging water ballast on the grid

Discharging of water ballast on the grid is allowed only after permission has been obtained from the competition management.

Competition Area Boundary

Stated in self briefing.

Launch procedures for motor gliders

Stated in self briefing.

Relaunch of self launchers

Once a self launcher has taken off from the ground, they may not restart their engine in order to avoid a relaunch from the ground.

Types and definitions of starts that will be used

- b. Start Line (i), a straight line, perpendicular to the track to the first Turn Point or the center of the first area. Length of the line will be 6 km.

Multiple start points may be used to separate competition classes

Radio procedures for announcing the start

Stated in self briefing.

Altitude procedures for the starts

A maximum start altitude – if imposed – will be announced at briefing and specified on the task sheet.

Instructions for real out landings

A competitor who has landed out shall contact his/her team captain/crew by telephone without delay, supplying the information specified on the out landing form. The team captain/crew shall hand the completed form to the organizers prior to commencing the retrieve. After individual agreement, pilots may contact the competition management directly.

Aero Tow Retrieves

Aero tow retrieves are permitted – either by organizer’s facilities or by private arrangements - provided the sailplane has landed on an airfield.

Intention to make an aero tow retrieve by private arrangement must be reported to the organizers before commencing the retrieve.

Types and definitions of finishes that will be used

Finish Circle with 3 km radius will be used.

Finish procedures

Stated in self briefing.

Landing procedures

Stated in self briefing.

Handling of flight documents

All flight documentation – including GNSS flight records and out landing certificates (if applicable) – shall be handed in to scoring office within 45 minutes after landing (as soon as arriving at the field if retrieving by car). Out landers are encouraged to send the log file by e-mail. E-mail address TBD

If back-up documentation is required, it must be delivered to the competition office within 2 hours after the pilot was notified.

I. SCORING

Type of scoring system

- 1000 point Scoring System will be used in the contest.
- SeeYou will be the official scoring software.

Scoring of Team Cup

Team Cup will not be scored in the contest.

List of Handicaps

Handicap list according to SHB 711 will be used (if necessary).

J. PROTESTS

The value of the protest fee

Protest fee is: 500 SEK. If the protest is approved by the jury the fee will be returned.

Protest language

The protest may be written in Swedish or English.

K. PRIZEGIVING

Requirements for flags, discs and tapes

No requirements.

L. Appendix

N/A