

12th Cup of Friendship / 25th National Hot Air Balloon Championship of Russia

Velikiye Luki, Russia

v.6, 12 June 2019

GENERAL BRIEFING NOTES

with changes and additions highlighted in red

I.5 PERSONEL - Jury The President of International Jury is John Grubbstrom (SWE). Jury members are Alexandr Mavrin (24 votes), Ivan Menyaylo (20). Reserve Jury members are Roman Bauta (18), Sergey Latypov (15), Artem Denisenko (13).

II.1 CONTEST AREA (7.1) There are some remains of blue grid lines on paper and electronic maps. The official grid lines on the paper map is printed black, the official grid lines on electronic map is red.

II.3 Additional PZs

PZ #	Type	Centre coord.	Radius, m	Altitude MSL, ft (m)	Comments
6	red	See map	---	500	very private property
7	yellow	See map	---	GND	cultural herbs (agricultural restrictions)

The PZ6 is bounded by lines successively joining the following points: 5401/3644, 5439/3689, 5414/3685, 5398/3648.

Comment about PZ7. Pilots may launch or land on minor roads within the PZ7 if no harm is done.

II.9 AIR LAW (10.14) QNH given in task data shall be correctly set in a logger.

II.10 RECALL PROCEDURE (R10.15)

Each pilot participating in any flight of the Event, must have a working radio set with aviation range (118-136 MHz) during all the flights, in order to comply with current regulations and to ensure a safety of flights. A pilot who has not working radio set with aviation range (118-136 MHz) is not allowed to fly and may be grounded for the following flight(s).

The recall message can be transmitted:

- over the radio at a frequency 134.5 MHz. Pilot shall constantly monitor the frequency during the flight;
- additionally by message to official WhatsApp group named VL19. The pilots are not allowed to publish their messages to the group since now on.

II.12 GOALS SELECTED BY A COMPETITOR (R12.2)

We clarify that build up area (II.12a) means build up area of town Velikiye Luki.

Altitude unit used in this Event is foot.

If altitude is not declared when required, pilot's score will be measured to separation altitude (II.22) 700 ft MSL.

Pilot declaring a goal to a wrong slot will be penalized by 50 task points (II.17)

II. 18 DETAILS FOR TIME LIMITS (rest hours) (5.6)

Results of evening flights will normally be published with one flight delay. Pilots may expect the scores of evening flight to be published next day after morning flight.

3.1.3 Turning vents The use of vents which are designed to propel a balloon is prohibited. Turning vents may not be operated in flight except all tasks are completed. Penalty 250 to 500 task points.

1. Report about landing We remind you modified rules related to landing:
Competitor must report to the Safety officer about the completion of the flight without delay after landing. The form of the report – SMS message "(competition number) landing" to the Safety officer's phone number **8 931 904 86 60** from any phone number of the competitor.
6.11.2 says "... undue delay in returning unused markers, logger may be penalized up to 10 points for each full or not full minute of the delay. Initial time for this penalty will be 2 hours after the end of the longest SCORING PERIOD (12.17).
6.11.3 Pilot can fill the FRF not completely or not to fill it at all. By using this right the pilot waives his right for the assistance regarding logger scoring.

2. Wind reading Latest wind reading results will be available at WhatsApp group VL19 and unofficial alternative source is at Telegram @piball

Wind reading will be given in 3 columns **Altitude FT MSL, direction TO TRUE, speed KNOTS.**

3. Briefings, TDSs Morning briefings are planned at 4:15, evening briefings at 18:30.
You will have approx. 2 minutes to study each task (~10 min per 6 tasks).

- 4. Target, MMA** A target will normally be displayed within 100 m of a goal coordinates, as close as possible to the coordinates given in TDS.
By setting MMA in task data it is implied that MMA is bounded by the natural border of the field if the border is closer than distance set in the task data sheet.
- 5. Competition numbers** Competition numbers from previous competitions on vehicles shall be removed or crossed with a black or blue adhesive tape.
- 6. Responsibility** Permanently lost markers cost to the competitor 10 EUR each. Markers for following flight will be provided to the competitor after fine is paid to the Markers official.
Lost (or damaged) equipment will cost to the competitor:
 logger 600 EUR
 damaged liquid crystal display 150 EUR
 broken logger housing 50 EUR
 charger 20 EUR
 SD memory card 10 EUR
 protective bag 10 EUR
 Tip: if it is necessary to put charger into protective bag, put it at the back side of logger to avoid damage of LCD.
- 7. Vertical speed** Competitors shall not initiate or maintain a vertical speed exceeding 1,5 m/s (300 ft/min) unless they are certain that no balloon is in their flight path (R10.1.2).
We will monitor your vertical speed close to other balloons any single moment of all flights.
(see page 3 of these notes for details).
- 8. Debriefing, FRF** GREEN colour pen is reserved for debriefers, RED – for chief scorer.
Pilots are required to use BLUE, GREY or BLACK writing pens for flight report forms (FRF).
Debriefing will take place near the entrance in the briefing hall. There will be 2 or 3 debriefers.
Traditional 4/4 digit coordinates are accepted in FRF.
If you are being late returning after the flight inform your debriefer about the reason.
- 9. Drone flying** According to Russian legislation the usage of drones and other aircraft, except hot air balloons, is prohibited during the event.
The director having no ability to identify offenders will not apply penalties for this violation.
- 10. Emergency control**
- 1. Try to avoid damage for crew and third persons!**
 - 2. Stabilize damage - rescue crew and third persons.**
 - 3. Phone call to the Safety Officer without delay.**
 - 4. Report:**
 - what happened,
 - how many persons were affected,
 - where an incident happened (provide traditional 4/4 coordinates).
 - 5. Follow instructions of the Official.**
 - 6. Rescue tangible properties.**
- SPEAKING WITH MASS MEDIA:**
- A. Say to the press only the facts you have seen (know) exactly.**
 - B. Never guess or speculate about what happened to another pilot.**
 - C. Politely ask press representative(s) to address their questions to the event press centre.**

Phone of the Event press officer

8 911 363 4435

Отформатировано: Шрифт: 12 пт

R10.1.2 Excessive vertical speed and dangerous flying

The following limitations will be checked by scoring software after each flight.

The limits apply to a certain **difference** in vertical speed at a 3D-distance between balloons:

Limit 1 - more than 3 m/s at less than 25m

Limit 2 - more than 5 m/s at less than 50m

Limit 3 - more than 8 m/s at less than 75m

Limit 4 - more than 8 m/s ascend speed for more than consecutive 5 s

Scoring policy

After analysis of the evidence the following penalties may be applied proportionally to the offence:

lower balloon				upper balloon			
Vertical speed [m/s]	Limit 1 Penalty	Limit 2 Penalty	Limit 3 Penalty	Vertical speed [m/s]	Limit 1 Penalty	Limit 2 Penalty	Limit 3 Penalty
				$0 \leq v < -2$			
$2 \leq v < 3$	50(WRN)			$-2 \leq v < -3$	100 (WRN)		
$3 \leq v < 4$	100(WRN)	50(WRN)		$-3 \leq v < -4$	200	50(WRN)	
$4 \leq v < 5$	300	100(WRN)	50(WRN)	$-4 \leq v < -5$	400	100(WRN)	
$5 \leq v < 6$	500	300	100(WRN)	$-5 \leq v < -6$	600	200	100(WRN)
$6 \leq v < 7$	700	500	300	$-6 \leq v < -7$	800	400	200
$7 \leq v < 8$	900	700	500	$-7 \leq v < -8$	1000	600	400
8 and more	1000	900	700	-8 and more	1000	800	600

Limit 4 will be penalized by 250 points per 1 m/s, or part of it, exceeding the Limit 4.

In case multiple limits are infringed, the highest penalty should be applied.

- In case where both pilots were "playing" close to each other within 1 - 2 balloon heights for a while (up and downs) the penalty may be lowered.
- Prolonged ascents/descents are more unpredictable, so penalties shall be maintained as per table.

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