



FEDERATIA ROMANA DE MODELISM
ROMANIAN MODELLING FEDERATION
Member of FAI-CIAM, NAVIGA, FEMA, EFRA



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SINCE 1968

The 25th of January 2011

FAI EUROPEAN CHAMPIONSHIPS FOR SPACE MODELS
FOR SENIORS AND JUNIORS
20-27 AUGUST 2011, BUZAU, ROMANIA
Bulletin No 1

ORGANIZER: Romanian Modelling Federation in cooperation with the City Hall of Buzau, Sports Office of Buzau district, and civil and military authorities of Buzau.

VENUE: the city of Buzau, having a population of over 200,000 inhabitants, situated 120 km N-E of Bucharest. The participants can reach Buzau from any direction, by car and by train.

The championships will take place on a military airfield, 3 km far from the city center. The airfield is a grass covered field, 3 km x 3 km large.

In the same place the European Free Flight Championships for seniors 2000 and 2004, European Spacemodelling Championships 2005, and Spacemodels World Cup contests 2003 - 2010 took place.

DATE: 20-27 august 2011

SCHEDULE:

- the 20th of August, Saturday: arrival of participants, accomodation, registration in Hotel Pietroasa, Piata Dacia nr.1, turn-in of S5 and S7, engine testing, TM meeting.
- the 21th of August, Sunday: official training, engine testing, opening ceremony.
- the 22th of August, Monday: Contest flights S6A and S4A Seniors and Juniors
- the 23th of August, Tuesday: Contest flights S1A,B and S9A Seniors and Juniors
- the 24th of August, Wednesday: Contest flights S5B,C and S3A Seniors and Juniors.
- the 25th of August, Thursday: Contest flights S7 and S8D,E/p Seniors and Juniors.
- the 26th of August, Friday: Reserve day, Prize awarding ceremony closing and banquet.
- the 27th of August, Saturday: Departure of participants after breakfast

WEATHER FORECAST FOR BUZAU, AUGUST

- average daily temperature: 24⁰C;
- average windspeed: 2-5 m/s;
- rainfall/month: < 5 l/m²;

CLASSES

	Seniors	Juniors
-altitude	S1B	S1A
-duration parachute	S3A	S3A
-boost glider duration	S4A	S4A
-scale altitude	S5C	S5B
-streamer duration	S6A	S6A
-scale	S7	S7
-RC rocket glider duration	S8E/P	S8D
-gyrocopter duration	S9A	S9A

NATIONAL TEAMS

Each member of FAI may enter a team consisting of:

- maximum 3 senior competitors in each class;
- maximum 3 junior competitors in each class;
- according to the FAI Sporting Code, the reigning senior European Champion in each class has the right to defend his title;
- according to the FAI Sporting Code, the reigning junior European Champion in each class has the right to defend his title (if still junior);
- team manager for seniors;
- team manager's assistant/trainer for seniors;
- team manager for juniors;
- team manager's assistant/trainer for juniors;
- official helpers;
- supporters;
- two timekeepers with free accommodation and board from dinner on the 20th August till breakfast on the 27th August and banquet; the timekeepers are requested to bring their own tripods, binoculars and stopwatches;

SPORTING LICENCES: every competitor, team manager and assistant team manager must possess a valid Sporting Licence of the FAI.

AGE OF JUNIORS AND THEIR HELPERS: (Sporting Code, para. B.3.4): *"A competitor is considered to be a junior up to and including the calendar year in which he attains the age of 18."*

RULES: current rules of the FAI Sporting Code, Section 4, Volume ABR and Volume Space Models, Edition January 1st 2011.

CLASSIFICATION AND AWARDS: the first three individual in each class will receive diplomas, medals and cups; the first three teams in each class, including team managers, will receive diplomas, medals and cups.

OFFICIAL LANGUAGE: English and Romanian;

FAI JURY

- Mr. Srdjan PELAGIC, Serbia, Chairman of Space SC, president of the Jury
- Mr. Jose CUDEN, Slovenia, CIAM Delegate
- Mr. Marius CONU, Romania, CIAM Delegate, member of the jury
- Mr. Gerhard WOEBBEKING, Germany, CIAM 2nd Vice-president, member of the jury, reserve

S5 and S7 FAI Judges

- Mr. Jan KOTUHA, Slovakia, Chief Judge
- Mr. Nicola CVJETICANIN, Serbia
- Mr. Jerzy BONIECKI, Poland
- Mr. Jiri KASPAR, Czech Republic
- Mr. Dan POPA, Romania
- Mr. Jordi ROURA FONT, Spain, reserve
- Mr. Arnis BACA, Latvia, reserve

RANGE SAFETY OFFICERS

Seniors - Mr. Georgy GEORGIEVSKI, FY Republic of Macedonia
- Mr. Gelu TICULEANU, Romania

Juniors - Mr. Andrija DUCAK, Serbia
- Mr. Botusan Ioan, Romania

Contest Director Mr. Ion GUZU, Romania

General Manager of the Championships Mr. Mihail ZANCIU, CIAM Alt Delegate, Romania

ENTRY FEES:

- **350 Euro**, basic entry fee for senior competitors, TM and TM assistant
- **250 Euro**, basic entry fee for junior competitors
- **70 Euro**, basic entry fee for supporter and helper
- **35 Euro**, entry fee for banquet

Entry fee covers the cost of participation in European Championships, informative materials and souvenirs.

The basic entry fees will be paid in Euro only, to the organizer's bank account, no later than the 30th of April.

- Entries received from May 1st to June 15th will be subject of 10% fine.
- Entries received from June 16th to July 20th will be subject of 20% fine.
- Entries received after July 21th will be subject of 30% fine.
- Entries received in cash during registration will be subject of 35% fine.

Send the entry fees to the following bank account (Euro only):

**BANCA ROMANA PENTRU DEZVOLTARE-GROUPE SOCIETE GENERALE
SUCURSALA CALDERON cod 0003**

Str. J.L. Calderon nr. 31, sector 2, Bucuresti

COD SWIFT: BRDE ROBU

IN FAVOAREA: FEDERATIA ROMANA DE MODELISM

CONT IBAN: RO42BRDE410SV18443524100

Title: Ech Buzau fees from.....

RADIO FREQUENCIES

In Romania frequencies of 35, 40 MHz and 2,4 GHz (2400-2483,5 MHz) are allowed.

The 27 and 72 MHz are not recommended as they could be jammed by the civil utilizers and local radio studios as well.

FLIGHT ALTITUDE MEASUREMENT BY ELECTRONIC ALTIMETERS

Flight altitudes in all altitude classes (S1A and S5B for juniors and S1B and S5C for seniors) shall be measured by electronic altimeters in accordance with the FAI Sporting Code, Section 4, Volume ABR, paragraph B.12 and Volume Space Models, paragraph 4.9.2.1.

Local Rules for the Contest Process in Space Models Altitude Competitions in Classes S1 and S5 will be like World Championships Serbia 2010.

All flights shall be measured by the ADREL same type of the electronic altimeters produced by the same producer shall ensure the organizer for all competitors in these Championships.

FLYING FIELD PERSONNEL FOR ALTITUDE CONTESTS

Flying field personnel for Altitude Contests shall be similar to that in duration contests and shall consist of:

- Range Safety Officer and his deputy,
- Two launch site monitors (who can be time-keepers in duration classes) at each launch site,
- Four field monitors equally distributed within the recovery area.
- Two Altimeter Controllers at Altimeter Management Station responsible for; impounded altimeters, distribution of altimeters, managing the control log and documenting altimeter check-out and check-in.
- Computer center personnel for recording results and posting results on the scoreboard.

THE CONTEST PROCESS FOR S1 AND S5

- A competitor prepares his model for flight. He takes his engines from the launch site monitor and puts them in his model.
- When the model is ready for flight the competitor goes with one of the launch site monitors and his flight card to the Altimeter Management Station to obtain an altimeter and a battery.
- An altimeter is taken from a box, the competitor's data (his start number, country and his first and last names) is loaded into its memory and the serial number of the altimeter is recorded on the flight card.
- When the data is loaded, the altimeter and battery are fitted into the model's altimeter housing, secured and given to the competitor.
- The competitor is escorted, by the launch site monitor, to the launching site and puts his model on the launch pad.
- The launch site monitor informs the RSO about model's readiness for launch.
- The launch site monitor records exact time of take-off in the flight card and he watches the model during its flight and retrieval.
- When the model is retrieved the competitor reports to the launch site monitor, who records time of retrieval on the flight card and goes with the competitor, and his model, to the Altimeter Management Station to report the result.
- At the Altimeter Management Station the model is first checked to verify the altimeter housing has not been tampered with. The competitor then removes the altimeter from his model and passes it to one of the Altimeter Management controllers who connects it to a computer to read the peak altitude and other flight data.

- The Altimeter Management Station controller and launch site monitor compare the data from the starting card and altimeter's readings.
 - If the data is correct the controller records the model flight data on the computer, saves it in computer memory and reads the altitude of the model.
 - The altitude is written on the flight card and the result is reported to the results center to be recorded and posted at the scoreboard.
 - Once the data is recorded, and confirmed by the signature of the competitor who agrees with the data, the controller resets the altimeter and puts it in a box with other altimeters.
 - If the altimeter is damaged and/or is not able to give a proper result because of malfunction for any reasonable reason, the flight is registered as TL (track lost) and the competitor may re-fly.
 - If a competitor does not return his model to control i.e. if model with altimeter is lost, he has the right, within 20 minutes from launch, to ask for TL and re-fly if there is enough time to perform a flight in the same round.
- Depending on the number of competitors, available number of altimeters and other conditions, competitors can fly in; three rounds of approximately one hour; in groups, with working time of 15 minutes, until they complete three flights each; or in open time period of about three hours with three opportunities for every sportsman to perform three flights.

DEPOSIT

Every team shall submit, at registration, a deposit for each altimeter that will be issued. The deposit must be paid before the contest starts. The deposit shall be an amount of **40.Euro** and shall be returned when the altimeters and batteries are returned. If an altimeter and battery is not returned, or is damaged, the deposit shall be retained. If all altimeters per team are lost, during a competition, a new deposit must be paid to allow the team to continue in the competition.

PROTESTS

All protests must be presented in writing to the Contest Director at the competition site and must be accompanied by a deposit of 35 EUR.

The deposit is returned if the protest is upheld only.

ACCOMODATION AND BOARD

The Organizer ensures for all participants board and lodging in 4 hotels with 2 and 3 stars in Buzau, having double rooms or singles with bathroom, cable TV, phone etc. Breakfast and dinner will be served in hotels' restaurant, and hot lunch, and mineral water will be served on the contest site, in special designated tents.

The cost of lodging 7 days and full board (breakfast,lunch and dinner) 6 days from 20 august dinner,to 27 august breakfast will be:

- 1. Hotel Restaurant B90**,30 rooms, str.Mesteacanului no 1**
 - in double rooms 42.euro/pers/day, 294 euro for 7 days/pers
 - in single rooms 50.euro/pers/day, 350 euro for 7 days/pers
- 2. Hotel Restaurant Crang**,20 rooms, str.Spiru Haret no 6**
 - in double rooms 45.euro/pers/day, 315 euro for 7 days/pers
 - in single rooms 52.euro/pers/day, 364 euro for 7 days/pers
- 3. Hotel Restaurant Aqua Max**, 24 rooms, str.Unirii Nord**
 - in double rooms 30.euro/pers/day, 210 euro for 7 days/pers
 - in single rooms 35. euro/pers/day, 245 euro for 7 days/pers
- 4. Hotel Pietroasa***, 90 rooms with air conditioner, Piata Dacia no 1**
 - in double rooms 50.eur/pers/day 350.euro/7 days/pers
 - in single rooms 60.eur/pers/day 420.euro/7 days/pers

LUNCH

Lunch at the competition site: 7 euro per meal. For 5 days, 35.euro.

ANTI-DOPING

Quote from the FAI Anti-doping regulations:

If you regularly take medication prescribed by your doctor and this medication is on the WADA Prohibited List, you need to get a form called a TUE (therapeutic use exemption) filled out by your doctor. International level athletes must send the form to the FAI Secretariat, National level athletes send it to their National Air Sport Control.

PRELIMINARY ENTRIES must be sent to the Organizer no later than **25th of February 2011**, by filling in the attached form, to the following address:

CONTACT ADDRESS:

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The Organizing Committee

General secretary,



Mihail Zanciu

