



# 2016 FAI F5 WORLD CHAMPIONSHIPS FOR ELECTRIC MODEL AIRCRAFT CLASSES F5B, F5D (Senior & Junior) LUGO DI ROMAGNA (RA) – ITALY **Bulletin “1”**

**THE HOSTING NAC:** Aero Club d'Italia

**DATES:** August (12) 13 – 20, 2016

**Web-site address:** [www.f5wcItaly.it](http://www.f5wcItaly.it)

With the partnership of :



and the cooperation of:





**ORGANIZER:** Aero Club VO.LI Aeromodellistico  
Via Legnano 3, 10128 Torino  
[www.asdvoli.it](http://www.asdvoli.it)

in cooperation with AeC Francesco Baracca – Lugo di Romagna.

**COMPETITION VENUE:** The World Championships will take place on the Airport Villa San Martino, Aero Club Francesco Baracca, Via Ripa di Bagnara 4 – 48022 Lugo di Romagna (RA) - Italy



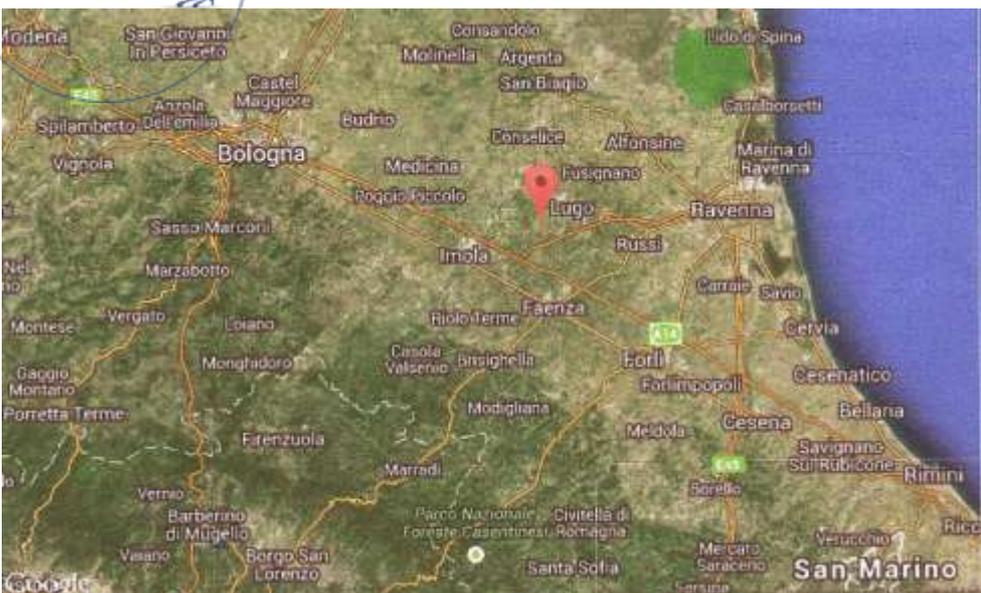
Located at:

- 36 Km from Forlì
- 41 Km from Ravenna
- 50 Km from coast
- 51 Km from Bologna
- 60 Km from Cervia
- 160 Km from Firenze
- 190 Km from Venice
- 270 Km from Milano

Main Airports:

- Verona(BLQ) 189 Km
- Venezia(VCE)200 Km
- Bologna(BLQ) 52 Km
- Ravenna(AOI) 41 Km
- Milano (MXP) 310 Km

**GPS: 44° 23' 08"N; 11° 51' 02" E**



Air field is easily reachable from the main international airports by the express way A14/E45 and main national roads. Railway stations: Imola at 16Km and Lugo city at 10 Km from the flying field.



## Competition venue overall view.



The airport stands over a surface of 1000x300 m surrounded by small houses and farmers fields.

The main services are along the internal area of the airport.

Activities of the airport will be closed during the championships event except emergencies.

### WEATHER TYPICAL CONDITIONS (August)

Temperature: high up to 30-32°C

Humidity: 50 – 80%

Winds: 10 – 30 Km/h

Seasonal raining: 2-3 days.

On-line weather forecast at the web-site:

<http://www.arpa.emr.it/sim/datiiningresso/Bollettino/RA.pdf?1446885972>

### CLASSES TO BE FLOWN:

- **F5B** Electric motor glider,
- **F5D** Electric pylon racing.

**COMPETITION RULE:** The Championships will be run according to:

- FAI Sporting Code Section 4 Aeromodelling Volume ABR 2016 Edition,
- FAI Sporting Code, Section 4, Vol. F5 2016 edition and applicable amendments,
- FAI General Section and FAI Code of Ethics.

Note: In line with the provision of paragraph 5.5.1.4 of SC4, Vol F5, Electric, General Rules and consistent with the latest discussion in the F5 SC, the organisation will provide each competitor with one real time telemetry logger for F5B and one energy limiter for F5D.

The items identified with their SN will be rotated by sorting before each round.

The aim is to promote competition fairness, enhance sporting results and improve safety.



Specification of the two electronic devices is being submitted to the EDIC group to obtain the desirable certification in good time, before the competition.

The F5B logger is at the same time subject to CE certification in line with CEPT ERC/REC/70-03-Annex 1, which is expected to be achieved before competition start-up. The tests so far performed, do not anticipate any compatibility or installation problem. A technical document defining the interfaces will be attached to Bulletin 2.

**PARTICIPANTS:** Active NAC/Federation may enter in each class, a Team consisting of 3 senior and 1 junior competitors, a Team manager, Assistant team manager, Official helpers, and other representatives. The reigning World Champions are entitled to participate to defend their titles.

**FAI SPORTING LICENSE:** Each Competitor, Team Manager/Assistant Team Manager must possess a FAI Sporting license valid at the entry time for the year 2016.

The licenses must be registered in the FAI license database.

The holder of a FAI sporting license may be required to produce an official document bearing his photograph and signature as proof of identity.

**ANTI-DOPING:** Competitors taking for medical reasons, any of the substances listed on the WADA Prohibited List must have a valid Therapeutic Use Exemption (TUE) certificate from the FAI.

**PROTEST:** Any protest must be presented in writing to the Contest Director and must be accompanied by the deposit of a fee of 50 Euros. The deposit is returned only if the protest is upheld.

**OFFICIAL LANGUAGE:** English and Italian.

**FAI JURY:**

Jury President: Andràs Reé, Hungary, CIAM Bureau member,

Jury member: Manfred Lex, Austria, EDIC Group member

Jury member: Lillo Condello, Italy, CIAM Delegate, Int. Judge,

Reserve Jury member: Tomas Bartovsky, CIAM Glider SC Chairman (CZE)

FLIGHT LINE DIRECTOR F5B: Urs Schaller, Italy and Emil Giezendanner, Switzerland

FLIGHT LINE DIRECTOR F5D: Roger Riedener, Switzerland,

EVENT MANAGER: Fabrizio Ceccarini, Italy, AeC VO.LI, President.



**TIMEKEEPER:** Each participating country may enter one Timekeeper. The intention to enter a timekeeper must be registered by the entry form. The timekeeper shall act in all contest days, attend the briefings, bring the requested own equipments and follow organizational instructions.

**REIGNING CHAMPIONS:** The reigning Champions 2014:

- Remo Frattini, class F5B (Italy) and
  - Hacker Ondrej, class F5D (Czech Republic),
- are invited to participate.

The reigning champion have the right (subject to the approval of their NAC) to participate in the Championships in that category regardless of whether or not he qualifies for the national team. If he is not a member of the national team, his score will not be considered in the Team results.

**CLASSIFICATION AND AWARDS:** FAI medals and diplomas to the first three best competitors placed in the individual ranking and to the competitors and the team manager of the first three best Teams.

**FAI TROPHIES:** The following trophies will also be awarded:

- F5B Puffin Models of Bristol Trophy, present holder Italy's Champion Mr. Remo Frattini,
- F5D The British Electric Flying Association Trophy, present holder Czech Republic's Champion, Hacker Ondrej.

**JUNIOR CLASSIFICATION:** As said above FAI medals and FAI Diplomas will be awarded to the competitors placed first, second and third. A separated Junior classification and the first three best competitors will be awarded if there will be at least four juniors competing among four team in the same class.

**SCORING:** Scores will promptly and progressively displayed on a board at the flying site and daily uploaded on the web-site [www.f5wcltaly.it](http://www.f5wcltaly.it) during the Championships.

**FLAGS AND ANTHEMS:** All team managers are requested to carry on their Country flag and Anthem to be supplied to the organizer. These will be returned at the end of Championships.

**MEDICAL ASSISTANCE:** During the World Championships an ambulance with medical equip will be at the field for emergencies.

**EQUIPMENTS ON THE FIELD:** A tent will be available to each Team in both classes with table and chairs. Electricity connections will be available at two power stations located on the field closed to each class tents, to charge batteries by AC power 220-230 Volts 50 Hz, max 16A. Sockets common EU standards.



**PRELIMINARY SCHEDULE:**

Day	Date	Event	Time	Location
Thursday	August 11, 2016	Competitors arrival for the "Lugo Cup" Practice flights Registration to the Lugo Cup F5B-F5D	8,30 -18,00	AeC Lugo Airport Villa S. Martino .Lugo
Friday	August 12, 2016	"Lugo Cup" Open International F5B Contest round 1- 2	9,00 -18,00	AeC Lugo Airport Villa S. Martino Lugo
		"Lugo Cup" Open International F5D Contest Rounds 1 – 2 – 3 - 4	9,00 -18,00	
Saturday	August 13, 2016	"Lugo Cup" Open international F5B Contest rounds 3 - 4	9,00 -18,00	AeC Lugo Airport Villa S. Martino
		"Lugo Cup" Open International F5D Contest rounds 5 - 6 – 7 - 8	9,00 -18,00	
		Price giving Ceremony "Lugo Cup"	18,30– 19,00	Airfield AeC Lugo Airport
		<b>Competitors arrival for the World Championships</b>		
<b>FAI World Championships Opening Ceremony</b>			<b>19,00 -20,30</b>	Lugo City Centre (to be confirm)
Sunday	August 14, 2016	<b>World Championships F5B-F5D Registration</b>	<b>8,00 – 18,30</b>	Hangar Office at AeC Lugo Airport
		<b>World Championships F5B-F5D Model Processing</b>		Hangar AeC Lugo Airport
		<b>Official training flights F5B-F5D</b>	<b>8,00 – 18,30</b>	Airfield AeC Lugo Airport
		<b>World Championships F5B-F5D Team Managers Meeting</b>	<b>19,00– 20,00</b>	Meeting Room AeC Lugo
Monday	August 15, 2016	<b>World Championships F5B Rounds 1, 2</b>	<b>9,00 – 18,00</b>	AeC Lugo Airport Airfield F5B Line
		<b>World Championships F5D Rounds 1, 2, 3, 4</b>	<b>9,00 – 18,00</b>	AeC Lugo Airport Airfield F5D Line
Tuesday	August 16, 2016	<b>World Championships F5B Rounds 3, 4</b>	<b>9,00 – 18,00</b>	AeC Lugo Airport Airfield F5B Line
		<b>World Championships F5D Rounds 5, 6, 7, 8</b>	<b>9,00 – 18,00</b>	AeC Lugo Airport Airfield F5D Line
Wednesday	August 17, 2016	<b>World Championships F5B Rounds 5, 6</b>	<b>9,00 – 18,00</b>	AeC Lugo Airport Airfield F5B Line
		<b>World Championships F5D Rounds 9, 10, 11, 12</b>	<b>9,00 – 18,00</b>	AeC Lugo Airport Airfield F5D Line
Thursday	August 18,2016	<b>World Championships F5B Rounds 7, 8</b>	<b>9,00 – 18,00</b>	AeC Lugo Airport Airfield F5B Line
		<b>World Championships F5D Rounds 13, 14, 15, 16</b>	<b>9,00 – 18,00</b>	AeC Lugo Airport Airfield F5D Line
Friday	August 19, 2016	Reserve day	8,00 – 17,00	AeC Lugo Airport
		Optional Sightseeing tour	9,00 – 17,00	Lugo City, F. Baracca Museum (Tentative)
		<b>World Championships F5B, F5D Award and Closing Ceremony</b>	<b>17,30– 19,30</b>	Lugo City Centre (to be confirmed)
		<b>Closing Banquet</b>	<b>20,00– 23,00</b>	Local Restaurant (To be defined)
Saturday	August 20, 2016	<b>Departures</b>		



The preliminary schedule is subject to change as decided by the Organizer.

### **ENTRY FEES:**

- 350€ Senior competitors and Team Manager/Assistant Team manager
- 175€ Junior competitor
- 70€ Helper, supporter
- 40€ Banquet (optional)
- 35€ Entry fee to the Open International Contest "Lugo Cup F5B-F5D" (optional),

Competitor who are also Team Manager or Assistant Team Manager will pay only one senior competitor fee.

**PRELIMINARY ENTRY FORM:** NACs/Federations are kindly asked to send the preliminary entry forms (see Annex 1) on or before **March 4<sup>th</sup>, 2016**.

The approved Bulletin 1, and the preliminary entry form will be posted on the website : [www.f5wcitaly.it](http://www.f5wcitaly.it) since January 2016.

**FINAL ENTRIES:** Final entry fees, meals on the field and banquet are to be paid in Euro only by bank transfer to the following bank account no later than **June 3<sup>rd</sup>, 2016**:

Beneficiary: Aero Club VO.LI Aeromodellistico – Via Legnano 3 – 10128 Torino

Bank Account at Banca Prossima : IBAN IT54 M033 5901 6001 0000 0139 447

BIC : BCITITMX

*Causal code to be used:* 2016 World Champs F5 + Country code (i.e: AUT)

Bank charges and other expenses for money transfer has to be borne by the sender.

Payment by cheque is not accepted.

Later payment will be subject to an additional charge as follows:

- June 6<sup>th</sup> to July 15<sup>th</sup> : 15% surcharge.

No entry fees will be accepted after July 15<sup>th</sup> neither cash payments on arrival, if not authorized in writing by the Organizer and only on exceptional circumstances. In that latter circumstance the surcharge will be 20% of the entry fee.

No surcharges will be applied on field meals and banquet fee.

Entries fees may be fully refunded only for justified reasons in writing, on individual basis and according to the Organizer decision. The same will be applied in case of Team withdraw from the event only before July 15, 2016.

Later withdraws will be 50 % reimbursed-



**LUNCH AT THE CONTEST SITE:** lunch will be provided on the Championship scheduled days at the cost of 12 €/ person and day. Snacks and beverage will be available on the field throughout the entire program schedule. For what concerns the alcohol consumption during Championships, Competitors and all participants including staff members, are requested and invited to comply with the WADA limits recommended by FAI.

No super alcoholic drinks will be available and admitted during the competition.

**ACCOMMODATION:** In the area there are plenty of hotels at various choice level (B&B, Agriturismo, Hotels \*\* and \*\*\* stars) with good level of comfort and most of them with restaurants. Food quality is usually good and typical of the Emilia Romagna region at reasonable rates.

The Organization has identified the main hotels and other possibilities at preferential and economical rates.

Here below we are reporting some of them:

Hotel name and address	Room type	Q.ty of rooms	Room rates/person/room					Remarks
			Double	Double twin	Single	Triple	Suite or flat	
Hotel Ala d'Oro C.so Matteotti 56 – 48022 Lugo – 054522388 <a href="mailto:info@aladoro.it">info@aladoro.it</a>	Single	7			64	44		****Half Board Inclusive free parking incl.
	Double	31	48					
Hotel Villa Panazza Via Lughese Nord,269 40027 Mordano (BO) 0542 51434 <a href="mailto:info@hotelpanazza.it">info@hotelpanazza.it</a>	Single	43			59 Room			*** Half Board + 15 Euro/person Swimming pool and gymnasium free.
	Double		79 Room					
	Triple				99 Room			
	Four beds					109 Room		
Hotel Tati Via Provinciale Cotignola22/5 48022 Lugo 0545288803 <a href="mailto:info@tatihotel.it">info@tatihotel.it</a>	Double	48	48		63			***S Half Board Inclusive
	Triple				45			
	Four beds					42		
Hotel Rosa dei Venti Via Fiumazzo 161 48022Cà di Lugo 054570037 <a href="mailto:Risto.rosadeiventigmail.com">Risto.rosadeiventigmail.com</a>	Double	16	30		48			***Half Board + 15 Euro/person
	Triple				25			

The Hotel Tati has been chosen as the principal hotel where the staff members and officials will be hosted.

A full list of lodges, hotels and B&B will be issued and published on the web-site at the soonest allowing reservation on time. Recommended the use of specific code "World Champs Aeromodelling" to get preferential rates. Additional information with the Bulletin 1.



Average half-board (dinner included) accommodation cost in the Lugo area is accessed to be 45 Euro/person/day.

Information can be obtained by the local touristic offices:

<http://www.comune.lugo.ra.it/Città-e-territorio/Ospitalità>

<http://www.romagnadeste.it/en/Ospitalità>

**CAMPING/CAMPERING:** At the Francesco Baracca Airport there is a limited area for campers mainly reserved to participants (max 20) but two public areas are located very closed to the Airport and the city of Lugo:

- Punto carico/scarico Via Piratello GPS 44°434089'N; 11°895822'E;
- Punto Sosta Camper : Parking Parco del Loto Via Foro Boario  
GPS: 44°423769'N; 11°906483'E;

**INSURANCE:** The organizer will provide a limited third-party liability insurance covering all competitors for model accidents involving injury to others and damage to property. It is recommendable however that each competitor had his own insurance against third parties damages and injuries.

It is also recommended that individual health and travel insurance is purchased by each participant before travelling.

For EU citizens, health care is covered under Social Health Care (EHIC) on presentation of an EU 11 form which is available in the Country of residence.

Citizens from other countries outside EU shall provide their own health insurance to cover illness.

**FREQUENCIES:** The 35 MHz frequencies are allowed, as per the FAI rules but, the 2.4 GHz spectrum system is strongly recommended.

The 2,4 GHz spread spectrum will eliminate the frequency control and the transmitter impound, competitors can keep their transmitter during the competition at all time.

All radio equipments must comply to the EN300328 specs and be certified ECC (CE mark).

Competitors will be fully responsible for their own equipments to fulfill these requirements.

**LOCAL RULES:** As mentioned above all competitors shall accept to install the Logger telemetry supplied by the organizer on their models F5B as well as the Energy limiter on their F5D models. The rule is not substituting any FAI Sporting Rules.



**MODEL AIRCRAFT SPECIFICATION CERTIFICATE:** All models must be processed by the competitor's NAC in accordance with ABR B.17 rules. Model aircraft not properly processed by their NAC, with FAI certificate and stickers will be processed by the organizer at a cost of 8 Euro for each model (Refer to ABR B.17.8).

During model processing a sticker will be applied on detachable parts of the model. These model/s can only be used during competition.

**PRACTICE SITE:** The contest venue will be available for practice the day before the International contest on August 11, 2016 and on Sunday August 14, 2016.

**INTERNATIONAL CONTEST "LUGO CUP":** The open international contest "Lugo Cup F5B-F5D" will be held on Friday, August 12, 2016 and Saturday, August 13, 2016 from 8,00 (9,00) to 18,00 at the same field Airport Francesco Baracca. It will be also valid as an Eurotour F5B Contest 2016. A specific invitation will be prepared with the full program.

All World Championships participants, Team Managers and Helpers are invited to attend the event, relevant also to get confidence with the new loggers F5B and limiters F5D to be used during the World Championships rounds.

**VISA REQUIREMENTS:** Individual competitors and their national team shall deal with Authorities to get the necessary visas.

Organizer shall provide to all non EU citizens/teams an invitation letter which will be available together with the Bulletin 1.

**TOUR:** A touristic tour might be organized by the organizer on the reserve day if it will remain available (optional). Costs will be provided during the World Champs together with the minimum participation needed.

**SPECTATORS AND MEDIA:** Visitors and public attending the event will be welcome and admitted at free entrance in identified specific flying field controlled areas for safety reasons.

A promotional campaign to publicize the Championships will be conducted by Specialized Magazines, Social Networks, Media Communications and, in partnership with the Lugo Municipality with the local schools to promote the event.

**ORGANISER CONTACTS DETAILS:** Information concerning the Championships :

Aero Club VO.LI Aeromodelling

Via Legnano 3 – 10128 Torino, Italy

Contact person: Fabrizio CECCARINI

Phone: +39 347 4308840 (mobile)

E-mail: [f\\_ceccarini@tin.it](mailto:f_ceccarini@tin.it) Web-mail: [www.f5wcitaly.it/Contacts](http://www.f5wcitaly.it/Contacts)

**BULLETIN 2:** Will be issued within March 2016 after the completion of preliminary entries.



(Annex 1)

**2016 FAI F5 WORLD CHAMPIONSHIPS FOR ELECTRIC MODEL AIRCRAFT**  
**CLASSES F5B, F5D (Senior & Junior)**  
**LUGO DI ROMAGNA (RA) – ITALY**  
**August 13 – 20, 2016**

**PRELIMINARY ENTRY FORM**

**National Aero Club/Federation :** .....  
**Country**.....  
Address (postal).....  
.....  
Phone n. ....Fax .....E-mail address .....

**NATIONAL TEAM F5B**

	Name	First name	FAI License
Team Manager	.....	.....	.....
Competitor/Pilot	.....	.....	.....
Competitor/Pilot	.....	.....	.....
Competitor/Pilot	.....	.....	.....
Junior Pilot	.....	.....	.....

Helpers/Supporters q.ty .....

**NATIONAL TEAM F5D**

	Name	First name	FAI License
Team Manager	.....	.....	.....
Competitor/Pilot	.....	.....	.....
Competitor/Pilot	.....	.....	.....
Competitor/Pilot	.....	.....	.....
Junior Pilot	.....	.....	.....

Helpers/Supporters q.ty .....



The preliminary entry form **must be submitted by e-mail or letter within and/or before MARCH 4, 2016 to:**

Aero Club VO.LI Aeromodellistico, Via Legnano 3 – 10128 Torino – Italy  
E-mail address: [f.ceccarini@tin.it](mailto:f.ceccarini@tin.it) or [info@f5wcitaly.it](mailto:info@f5wcitaly.it) Ph. n. +39 3474308840

Date..... Stamp and signature of NAC .....