



FAI World Championships for Pylon Racing Model Aircraft 2025

F3D + F3E

Germany, July 22nd – July 26th 2025 Airfield Rothenburg / Goerlitz



Bulletin 1

Invitation

With great pleasure the Modellflugsportverband Deutschland e.V. invites FAI associated F3D and F3E pilots and teams to participate in the 2025 F3D/F3E World Championship for Pylon Racing Model Aircraft, to be held at the Airfield Rothenburg / Goerlitz (EDBR) Germany.

A special invitation goes to Emil Broberg, the F3D World Champion of 2023 and Jan Sedláček, the F3E World Champion of 2023.

General

The World Championship competition will take place at the Airfield Rothenburg / Goerlitz, which is located near the city of Rothenburg / Oberlausitz in the eastern part of the Saxony / Germany.

Location: **Latitude: N 51° 21,91', Longitude: E 14° 57,06', Elevation 515ft**

The Airfield Rothenburg / Goerlitz is an active general aviation airfield and provides a 2000m x 30m tarmac runway and a 1200m x 40m gras runway. For the duration of the World Championship, almost all activities of man carrying aircraft will be suspended (see NOTAMs).



Arrival

By road:

Airfield Rothenburg / Goerlitz is situated close to Motorways A4 (E40 in Poland) and A15 (A18 in Poland).

Airports:

Dresden 1h15min by car - 110km

Berlin Brandenburg 2h by car - 175km

Leipzig / Halle 2h30min by car - 235km

Public transport:

Train to Horka or to Goerlitz, from there with public bus or taxi

Weather

July and August usually offer relatively stable weather conditions in the east part of Germany, with temperatures between 20° and 35° C; single thunderstorms and rain showers must be considered.

The competition has been scheduled over a 3-day period (plus ½ day as backup), so in case of unstable weather, there will be extra time available.

Organizers / Organization

Organizers are

Fédération Aéronautique Internationale (FAI)
Modellflugsportverband Deutschland e.V.



**You are guests of the
Flugplatz Rothenburg / Goerlitz GmbH
and the
Rothenburger Luftsportverein e.V.**

Welcome to Pylon-City



Head of Organization and Event director: Volker Wollert
Deputies: Falk Rowinski and Janek Wollert

Address, mail, www

All correspondence preferably by e-mail: wc2025f3de@e-mail.de

Regular post address:

Rothenburger Luftsportverein e.V.
- WC2025F3DE -
Friedensstrasse 105a
D-02929 Rothenburg/OL
Germany

The official web site for the Championship is
www.rlsv.de/WC2025F3DE/wc2025f3de.html

Official Language

English

Insurance

The organizer will provide third party insurance for all participants during the competition for accidents involving injury to others and damage to property according to the host country legislation. Participants are responsible for having an aviation liability insurance for model aircraft valid in Germany.

Participants are recommended to organize their own individual health and travel insurance before travelling.

Transportation of models and material

All models and material, also during the WCH, can be sent to:
Rothenburger Luftsportverein e.V.

~ **WC2025F3DE / name of the recipient** ~

Friedensstrasse 105a

D-02929 Rothenburg

Germany

Site plan of Pylon-City

See Annex 2

Accommodation / Camp site

It's up to the teams to organize their accommodation.

A camp site will be created on the airfield with the necessary facilities like toilets, showers and electrical power. The camp site will be available from Friday, July 18th - 18.00 hours to Sunday, July 27th 12.00 hours.

An overview of hotels and guesthouses in and around Rothenburg can be found here: <https://www.rothenburg-ol.de/verzeichnis/index.php?mandatstyp=8>

Due to holiday season, it is advised to book accommodations well in advance.

Miscellaneous

- Participants should check with their local German Embassies or Consulate with regard to entry / exit and visa requirements
- Power Supply in Germany is 230V – 50Hz, check for required adaptors
- Official currency is EURO (€)
- Driving is on the right-hand side of the road (with valid EU driving license or other accepted driving license)
- Supermarkets can be found in Rothenburg / OL (standard opening times from 7.00 to 20.00 hours), as well as bakeries, butchers etc.
- alcohol: beer and wine allowed from the age of 16, other types of alcohol from the age of 18

Foods and beverages

Meals and beverages are offered from a local restaurant onsite.

- Breakfast: approx. € 8
- Lunch: approx. € 10
- Dinner: approx. € 15

There are numerous restaurants in and around Rothenburg / OL, where evening meals are offered for approx. € 20 - € 25.

National flags

At registration the team manager from each country will hand over a national flag measuring (approx.) 150cm * 90cm / 5ft * 3ft, landscape format.

Competitions

Contest director / FAI jury

Contest director: Rob Metkemeijer

FAI jury (to be confirmed): Massimo Semoli

Marcus Griggs

TBC

Time schedule (may change depending on the number of entries)

On all event days, there will be a break from around 13.00 – 14.00.

Saturday, July 19 – Sunday, July 20

09.00 - 18.00 Free practice

Monday, July 21

09.00 - 17.00 Registration at the contest office

09.00 - 17.00 Free practice

17.00 - 18.00 Final competition course preparation

16.00 Team managers meeting

18.00 Welcome reception

Tuesday, July 22

09:00 Opening ceremony

10.00 - 18.00 Official practice on competition course

10.00 - 18.00 Model processing

18.00 Team managers meeting, draw of heats

Wednesday, July 23

09.00 - 18.00 Competition flights

18.00 Team managers meeting

Thursday, July 24

09.00 - 18.00 Competition flights

18.00 Team managers meeting

Friday, July 25

09.00 - 18.00 Competition flights

18.00 Team managers meeting

Saturday, July 26

09.00 - 14.00 Competition flights and/or super finals. The super finals are not a part of the championship and will only be flown if time allows. The 12 pilots with the fastest heat times of the championship will be invited to compete.

15.00 Prize giving and closing ceremony

17.00 Closing party/banquet

Sunday July 27

Departure day

Competition rules

The World Championship will be held according to:

- FAI Sporting Code General Section
- FAI Sporting Code Section 4 Aeromodelling CIAM General Rules Volume 2025 Edition
- FAI Sporting Code Section 4 Aeromodelling Volume F3 Pylon 2025 Edition
- FAI Code of Ethics
- FAI Anti-Doping Rules

Anti-doping

Use of substances listed on the WADA List is prohibited.

In case a competitor has to take any of the substances listed on the WADA Prohibited List for medical treatment, he/she must have a Therapeutic Use Exemption from the FAI.

Competitors and teams

A national team may consist of a team manager and a maximum of 5 competitors and 5 callers for each category F3D and F3E, provided that at least one competitor (per category) is female and at least one (per category) is a Junior.

A competitor is considered to be a Junior when he/she is born in 2007 or after.

Pilots may call for each other and a pilot may be the team manager. A caller may call for more than one pilot, but he/she may not act in more than one national team.

If the defending World Champion is not a member of the national team, his score will not be considered in the team results.

All Women and Juniors will compete for the overall individual classification.

Additionally, there is a female classification and a junior classification, both with FAI medals and diplomas.

If at least 4 Juniors/Women competitors from at least 4 different nations participate, the Junior/Woman winner shall earn the title of Junior World Champion or Woman World Champion respectively.

FAI licenses / Pilots registration for UAS operation under EU Regulation 947

Each competitor and the team manager must possess an FAI Sporting License valid for the year of the championship. This license must be registered in the FAI License database.

The holder of an FAI Sporting License may be required to produce an official document bearing his/her photograph and signature as proof of identity.

According to the UAS regulations applicable in European Union (EU), every operator of an UAS needs an operator number from the government. The UAS operator number of the competitor must be visible on every model.

If you are from another country than the EU and don't have any operator number, please write an e-mail with name, address, date of birth, telephone, e-mail address to info@mfsd.de. We will manage registration for you. Cost: € 5.00.

If you are from EU, please make sure that you have your operator number from your home government on your models.

There is no need of a proof of knowledge or something like that for participating in the competition.

Classifications and Awards

Individual classification:

FAI medals and FAI diplomas will be awarded in each of the classes to the competitors placed first, second and third.

Individual Junior Classification

FAI gold, silver and bronze medals and FAI diplomas will be awarded to the competitors placed first, second and third in the individual junior classification for the class concerned according to CIAM General Rules Volume C.15.6.1.b)

Individual Female Classification

FAI gold, silver and bronze medals and FAI diplomas will be awarded to the competitors placed first, second and third in the individual female classification for the class concerned according to CIAM General Rules Volume C.15.6.1.c)

Team Classification:

FAI medals and FAI diplomas will be awarded to each member (including the fourth and fifth team member when appropriate) and the team manager of the teams placed first, second and third.

For all these prize winners the organizer will provide additional prizes.

FAI Trophies:

- The Sopwith Perpetual Trophy will be awarded to the first placed pilot in F3D. Current holder is Emil Broberg (SWE).
- The British Electric Flying Association Perpetual Trophy will be awarded to the first placed pilot in F3E. Current holder is Jan Sedláček (CZE).
- The Emil Broberg Perpetual Cup will be awarded to the first placed Junior in F3D. Current holder is Leonas Kaiser (GER).

Additional individual competitors:

According to CIAM General Rules Volume C.5.3 f), the organizer will evaluate after the deadline defined for submission of the Preliminary Entry Form (PEF) the participation level which may be expected. If the number of expected participants is below the minimum number which makes the event financially viable, the organizer will ask CIAM to consider cancelling the championship(s), or to initiate a second phase for accepting additional individual competitors with a 'wild card'.

In case a second phase is initiated, the organizer, with the approval of CIAM Bureau, may send out invitations to the NACs which already had expressed with the PEF their intention to participate.

At the same time, the relevant CIAM Sub Committee (S/C) Chairman may also send invitations considering the World Cup ranking or similar criteria which will ensure that the invited competitors are competent to participate to the championship concerned. Those individual competitors invited by the S/C must also have the approval of their NAC to participate.

All individual competitors invited to participate during that second phase can only be part of the individual classification(s), and so will not be considered for the national team classification.

Protests

All protests must be presented in writing to the Contest director in English language and must be accompanied by a deposit of 50 Euro. The deposit is returned only if the protest is withdrawn prior to the beginning of the effective treatment of the protest or if the protest is upheld.

Radio frequencies

All commercially available 2.4 GHz spread spectrum radio systems are permitted and recommended. These systems have to comply with the European Standard EN 300328.

Fuel F3D

Competition and practice fuel for F3D will be provided in accordance with CIAM General Rules C.13.7.

Prices for practice fuel will be defined in Bulletin 2.

Fuel for practice must be ordered with the entry form.

Power for charging flight batteries for F3E and energy limiters

Power Supplies (220V/50Hz) will be available in the pits for charging the F3E flight batteries.

According to rule 5.3.5.3. Use of limiters in competition

1: Every competitor uses his own limiter.

All F3E pilots will purchase their own limiter, the limiter mandated for the 2025 F3E World Championship will be the Fiorimetaal F3E limiter HW rev3, SW ver. 3.

Available from

E-mail: fiorimet@xs4all.nl

Model Processing

See Annex 1

Entry forms and Biographical information form for team members and deadlines

Preliminary Entry Form (PEF) is enclosed with this bulletin (see Annex 3).

Each NAC which plans to send a national team is requested to fill out the enclosed PEF, and to return it signed and stamped no later than 1st March 2025.

According to CIAM General Rules Volume C.15.10, if after the deadline to submit the PEF the number of entries in a class or classes is low, it will be up to the organizer, in consultation with CIAM Bureau, to cancel the competition for the class or classes concerned.

Such decision will be taken after the deadline for the PEF and before the deadline for the Final Entry Form submission.

This shall be announced together with the Bulletin 2.

Final Entry Forms (FEF) will be published on the web site as an Excel-file.

The final entry form must be sent to the organizer by e-mail no later than 15th March 2025: wc2025f3de@e-mail.de.

Entries received after this date will be subject to a penalty fee.

The penalty fee is 20 % of the entry fee.

Make sure that all worksheets of the Excel entry form are filled correctly.

We kindly request all teams to fill in this form accurately including biographical details, shirt sizes and fuel needed for practice flights.

All pilots are requested to give their birth date and full home address with the entry form.

We need this for the insurance. All provided personal details will be used for this purpose only, no information will be shared to third parties in compliance with EU Directive 95/46/EG.

The Biographical information form for team members will be published on the web site as PDF- and Word-file.

The Biographical information form for team members has to be completed for each team manager, pilot and caller.

The forms must be returned by March 15th 2025 by e-mail to wc2025f3de@e-mail.de. Please include a digital photograph.

We need this information perhaps for small booklet.

Costs and payment

Entry Fees

Team Managers	€ 300
Pilots <i>flying</i> F3D	€ 490
Pilots <i>flying</i> F3E	€ 490
Pilots <i>flying</i> F3D & F3E	€ 730
Junior/Female Pilots	€ 320
Junior/Female Pilots <i>flying</i> F3D & F3E	€ 380
Callers	€ 280
Junior/Female Callers	€ 120
Official supporters	€ 60
Welcome reception	€ 0

The entry fees defined above include the additional fee of CHF 10 which the organizer must pay to the FAI for a team manager and a competitor.

Entry fees will not be accepted at the arrival, except for an exceptional circumstance and subject prior agreement of the organizer. In case a participant or a national team withdraws after the entry fees have been paid, a full or partial refund of the entry fees

will be considered only in case of force majeure or exceptional circumstances.

In case of serving in more than one position (team manager, competitor, caller etc.), he/she will be charged only the highest fee.

Any Junior or Female competitor may be a member of the senior team as well, while only paying the Junior / Woman entry fee.

A caller pays the entry fee only once, even if he/she is a caller for more than one competitor.

Closing party/Banquet

Tickets to be ordered latest at registration time.

Cost per person: € 40 (excl. drinks)

Cost for camping

The cost for staying at the campsite is € 15 (per night and person).

Please use the entry form for registration if you wish to stay at the camp site.

Payments

Bank account for entry fees and other payments

Sparkasse Oberlausitz-Niederschlesien

IBAN : DE17850501000050004077

BIC/SWIFT: WELADED1GRL

Beneficiary: RLSV

For all payments use following reference: WC2025F3DE plus the name of your country.

Attention:

All entry fees have to be paid before April 1st 2025.

Currency of payments is EURO.

All transfer fees are paid by the participants.

Payments in Rothenburg can be done cash or via:

Mastercard, Visa, Visa Electron, V Pay, Maestro, American Express, Union Pay, Diners Club, Discover, Apple Pay, Google Pay.

Annex 1: Model Processing

From the Sporting Code, CIAM General rules.

All models must carry:

1. The national identification mark followed by the FAI Unique ID number. The letters and numbers must be at least 25 mm high and appear at least once on each
Note: The list of the national identification marks (3 letters per country) is downloadable from "Documents" section of the CIAM website
<http://www.fai.org/ciam-documents> .
2. A model identification code (letters and/or numbers). This code has to be different for each nominated model aircraft of the competitor. The model identification code is to appear on each main part of the model (wing(s), tail, front and rear fuselage if detachable) so that the individual parts of a competitor's different models may be separately identified. The letters and/or numbers must be at least 10 mm high and clearly visible.

A model aircraft must not carry a national identification mark, an FAI license number, an FAI sticker, or any other reference which relates to any person other than the competitor. At the processing of the model aircraft, the organizer must mark each FAI sticker (if required).

Each NAC shall process every model and shall issue for each model aircraft a Model Aircraft Specification Certificate, provided by the FAI. A sticker, also provided by the FAI or marking to the pattern of this sticker, shall appear on each model aircraft.

Note: The Model Aircraft Specification Certificate and FAI sticker are available as a download from the CIAM website.

A maximum of 3 models will be processed. Each model will have its specification certificate. This certificate will be kept by the organizer for the duration of the competition. At the processing all engines will be marked with an easily visible identification mark. This will be recorded on the Model Aircraft Specification Certificate at the time of checking the model. Motors which have been checked and recorded in this way may not be exchanged with other competitors.

Model aircraft not properly processed by their NAC, with FAI certificates and stickers, will be processed by the organizer at a cost of 8 Euro for each model.

When, after official checking a model is lost or damaged, the competitor shall have the right to present a further model and corresponding model specification certificate for checking up to one hour before the official starting time of the contest in that class. In any event, the competitor may have only 3 models entered at the start of the contest.

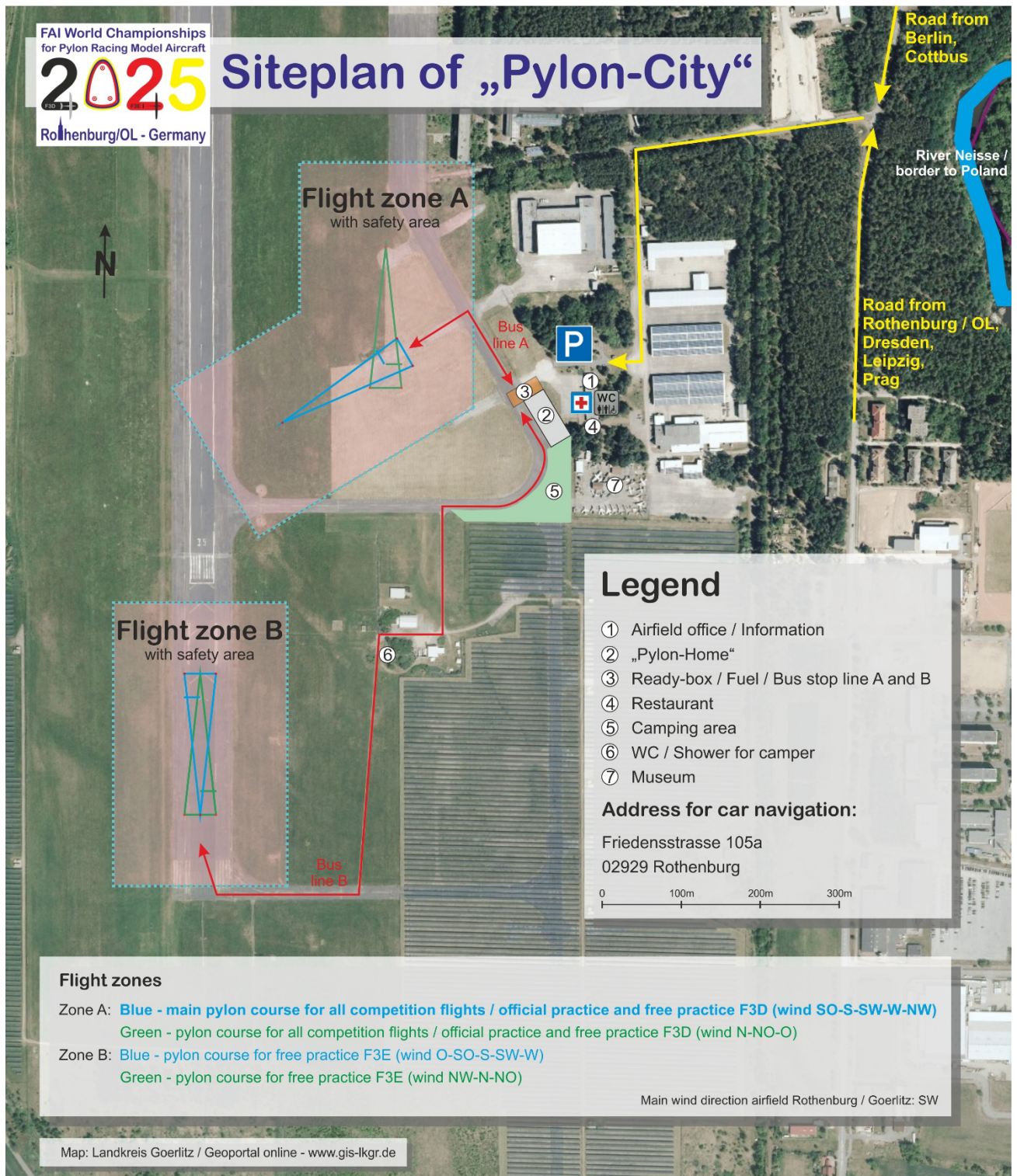
On 19th, 20th and 21st July all measuring equipment will be at the disposal of competitors to check their model aircraft if they wish to.

Procedure on processing day will be as follows:

- Random checks on weight of model, wing and tail surface areas, wing root thickness, wingspan, fuselage height & width, fuselage cross-section, wheel diameter, spinner nose radius. We ask all competitors to bring documentation on the surface area calculation and templates and documentation of the cross-sectional area calculation. Model manufacturers documentation and calculations will be accepted
- For F3D: Check of Venturi cross section. Venturi's will be checked with a 12 mm diameter, 1 mm wide gauge. For non-circular venturi's the competitor will have to bring proof (template, calculation) that the venturi's cross section is according the rules

- For F3D: Acoustic check on the exhaust system according ANNEX 5P par. A.5P.2
- For F3D: All engines and exhaust systems will be marked with the competitor's number. Additional engines and exhaust systems may be processed during the competition. Motors and exhaust systems which have been checked and recorded in this way may not be exchanged with other competitors
- Check of fail-safe functions and proper functioning of motor shut-off
- F3E competitors should demonstrate that the motor (without prop) stops when the transmitter is turned off
- Checks of model safety (Sporting Code Volume F3 Radio Control Pylon Racing Model Aircraft par. 5.2.11 and 5.3.6)
- For F3D: On the processing day engine's swept volume will be checked only at the request of the competitor. Swept volume of engines may be checked in the random model checks during the competition

Site plan



Annex 3: Preliminary Entry Form (PEF)



Preliminary Entry Form (PEF)

World Championships for Pylon Racing Model Aircraft F3D + F3E 2025 Germany, July 22th – July 26th 2025 Airfield Rothenburg / Goerlitz

National Aero Club / Federation of _____

Correspondence address

Phone _____ e-mail _____

National team

- Team Manager (TM) - name _____
- no. of competitors F3D (seniors, junior, female) _____
- no. of competitors F3E (seniors, junior, female) _____
- no. of callers F3D (if these are not TM or pilot) _____
- no. of callers F3E (if these are not TM or pilot) _____
- no. of supporters _____

TOTAL PARTICIPANTS

Number of persons on camp site _____
Number of tents/camper/caravans _____

Preliminary Entries before March 1st 2025

via email to wc2025f3de@e-mail.de

or registered letter to:

Rothenburger Luftsportverein e.V.
- WC2025F3DE -
Friedensstasse 105a
D-02929 Rothenburg
Germany

Date: _____ Signature: _____

Seal & Stamp of NAC/Federation: _____