



**IMAC**  
**EUROPEANS**  
**Leszno 2023**

FROM TUESDAY AUGUST 22<sup>th</sup>, 2023  
TO SUNDAY AUGUST 27<sup>th</sup>, 2023

The competition will take place at Leszno Airfield, Poland  
Coordinates 51°49'54"N 16°31'58"E

Event Organization Director, Maciej Idczak, IMAC POLAND

Event Organization Director, Karol Szendi, IMAC POLAND

Contest Director, Manrico Mincuzzi, IMAC Europe RD

Judges Director, Adi Kochav, IMAC ISRAEL

Planning and Electronic Scoring Director, Fabio Giammarinaro, IMAC ITALY

## **- Bulletin 1 -**

✓ EVENT STRUCTURE

✓ PARTICIPATION RULES



## EVENT STRUCTURE

### Agenda

	From Monday Aug. 14th To Monday Aug. 21st	TUESDAY Aug.22nd	WEDNESDAY Aug. 23rd	THURSDAY Aug. 24th	FRIDAY Aug. 25th	SATURDAY Aug. 26th	SUNDAY Aug. 27th
MORNING	- Pilots' Check-in - Practice Flights	- Pilots' Check-in - Practice Flights	PRECISION 3 Knowns	PRECISION 2 Knowns 1 Unknown	MOVABLE RESERVE DAY - Practice Flights - Touristic Opportunities	PRECISION 1 Unknown	PRECISION 1 Unknown
AFTERNOON		- Pilots' Briefing - Formal Opening Ceremony In the City of Leszno				FREE STYLE Qualifications	PUBLIC AIRSHOW FREE STYLE Finals
EVENING		- Judges Dinner Briefing - National Teams Dinner					Celebrations Party Dinner

From Monday 14<sup>th</sup> through Monday 21<sup>st</sup>, practice flying will be open at the dedicated flight line.

In order to have access to the airfield, each National Team Manager, Pilot, Mechanic or Supporter/Family Member will have to go through check-in at the IMAC Reception Desk, receiving information and the Access Badge. Without this Badge it will not be possible to access the internal operations area of the airport, but only the spaces dedicated to general public.

For late arrivals, check-in will still be possible during the whole of morning of the 22<sup>nd</sup>. The IMAC Reception Desk will be closed at 12 am of Tuesday 22<sup>nd</sup>. During the whole morning of Tuesday 22<sup>nd</sup>, the practice flight line will continue to be open until 1pm.

At 2 pm of Tuesday 22<sup>nd</sup> we will hold the National Team Managers and Pilots Briefing. At this meeting we will share all the logistics details of the event and we will entertain a plenary Q&A session.

At 4 pm of Tuesday 22<sup>nd</sup>, all registered National Team Members and their families, together with all IMAC Judges and Competition Personnel are invited



to participate to the *Europeans* Formal Opening Ceremony, which will take place in city of Leszno, involving local authorities.

In the evening of Tuesday 22<sup>nd</sup>, all invited Judges will rejoin for a Briefing-Dinner. The Judging Team, composed of 22 Judges, will be recruited among experienced pilot-judges and professional judges from several Countries. Adi Kochav, Judges Director, will be responsible for their recruitment and training. This process will take place during several months prior to the event. IMAC Pilots competing at this event will not judge.

During the same evening, all National Team Members and their families will rejoin for dinner in a particular location, to get to know each other and to share the spirit of this large IMAC event.

On Wednesday 23<sup>rd</sup> and Thursday 24<sup>th</sup>, three precision flights will take place on each of the three dedicated runways.

Friday 25<sup>th</sup> is planned to be a movable, Reserve Day. This reserve of time will enable the organizers to recuperate parts of the competition that might be suspended due to bad weather or any other unpredictable cause. If this time reserve will not be needed, Friday 25<sup>th</sup> will be dedicated to rest, practice flying or sightseen with the families. Special touristic opportunities will be made available to the whole IMAC family.

The morning of Saturday 26<sup>th</sup> will be dedicated to one Unknown precision flight, which will be followed by the Free Style Qualifications in the afternoon. These qualifications will take a significant amount of time, since we expect many pilots to fly Free Style. A dedicated runway will be made available to this Class. Local public may enjoy the show.

On Sunday 27<sup>th</sup>, starting early morning, we will fly the last Unknown precision flight, after which we will celebrate a "Leszno Airshow" that will be populated by an exciting mix of full-scale and airmodelling performances. The Free Style Finals, involving the 15 qualified pilots, will take place in front of the general public as part of the airshow. In the evening of Sunday 27<sup>th</sup> a large Dinner-Ceremony-Party will involve the whole IMAC Family. At this relaxed Party we will distribute ruffle prizes and go through the formal Ceremony to

celebrate all winners of the different Final Rankings, which are described later in this document.

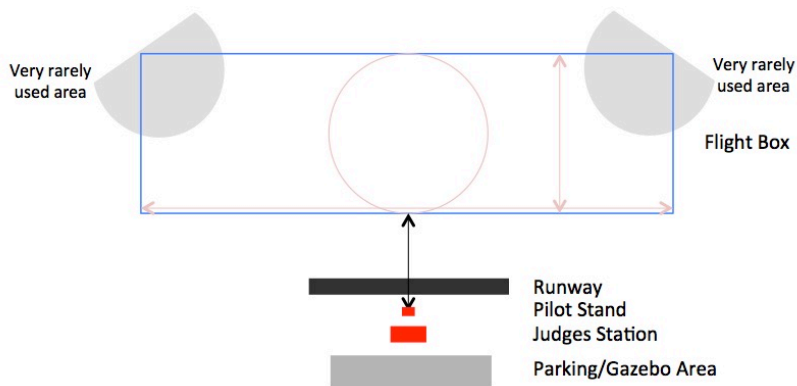
Competition flights will never stop during the day. From Tuesday 22<sup>nd</sup> to Sunday 27<sup>th</sup>, breakfast and lunch will be made available at the briefing tent to all members of the IMAC family not on duty. Turns will be organized to ensure personal breaks from activity.

The Unknown flights schedules, to be performed the next day, will be made available to pilots each evening, at the reception desk, after all runways will be closed.

In Bulletin 2 we will detail all hospitality opportunities and logistics aspects, highlighting how each participant will be able to access them, while in Bulletin 3 we will make the detailed agenda of all the meetings and ceremonies taking place within the event.

## IMAC Flight Lines and Airspace

Structure of an IMAC flight line and relative airbox



Dedicated runways will be prepared for the event. They will be made of approximately 300X30 mt cured grass. They will provide access to an airbox of approximately 800X300 meters. The average distance between the pilot stand and the front display of the flight box will be approximately 150 meters. Therefore, the pilot will be able to perform rolling circles that will

take his airplane up to 450 meters from him. We consider this distance to be sufficiently safe.

A judging-station will be organized behind each pilot stand. This will include the relative and dedicated electronic scoring technology support facility. A parking/gazebo area will be arranged close to each runway, enabling the pilots flying there the whole day to organize themselves properly.

Full-scale hangars will be made available to all the pilots who will prefer to maintain their airplane assembled during the whole duration of the event. Dedicated taxi routes will be highlighted to enable pilots to walk or drive their airplanes from the hangars to the runways.

### IMAC Practice Flight Line



This practice flight line is relatively remote, enabling the airport to maintain normal operations on runways 1 and 2. Full-scale airplanes and airport operations will always have priority on our semi-scale flying. Our pilots will have to fly away or land in case of any approach to a full-scale airplane or any other full-scale operation. Operating full-scale pilots will be instructed to avoid crossing our airboxes and runways.

## IMAC Precision Flight Lines



Three flight lines will be made available for precision flights. The planning for each flight line daily operations limits participation to a maximum of 40 pilots, who will be able to perform 3 precision flights per day for a total of 120 flights per flight line per day. This level of participation would determine a tight schedule, which we have already successfully experimented and managed at previous IMAC events.

The full-scale runway number 1 will be kept open to regular airport operations, but this will not disturb our activity, as it will all happen safely on

our back. During precision flights, full-scale runways number 2 and 3 will be closed.

Two flight classes will have to share one flight line, while the other two will dispose of a dedicated one. Once achieved sufficient clarity about the registered number of participating pilots per class, the Contest Director will allocate the flight lines to each of the precision classes,

All flight lines will enjoy the sun in the back for almost the entire day, ensuring the same quality of flying at all sites. Therefore, flight line swapping among flight classes during the competition will not be necessary.

### IMAC Free Style Flight Line



A special flight line will be set up for the Free Style competition, in order to provide the best spectacle view to the general public. The airbox dimension

for free style is expected to be a bit smaller, relative to the precision airbox. Dedicated fences will be installed to enable public to enjoy a close view of Free Style performances while ensuring safety.

Free Style pilots will be able to keep their airplanes in the full-scale hangars until joining their flight queue; therefore, a parking area will not be organized for this class.

A specialized video shooting facility will be installed, enabling to shoot and broadcast all flights in real time through social media. The same broadcasting facility will be activated to make available real time videos of a certain amount of precision flights. The whole event will be media covered.

### Briefing Tent







## PARTICIPATION RULES

### Invited Pilots

Due to the availability of only three precision runways, participation will be limited to a maximum of 120 pilots.

The IMAC European Championship is dedicated to all IMAC pilots operating within the 25 Countries assigned to the IMAC Europe Region; highlighted below. However, participation is open also to all pilots from any other IMAC World Region, provided the availability of registration slots.

Country	ARD	Country	ARD	Country	ARD
1  Austria	Stephan Mader	9  India	Viendra Mane	17  Saudi Arabia	Mohammed Alosaimi
2  Belgium	Henny Van Loon	10  Israel	Adi Kochav	18  Slovakia	Zdenek Steigl
3  Czech Republic	Zdenek Steigl	11  Italy	Franco Antognazza	19  South Africa	Charl Jooste
4  Denmark	Michael Lund	12  Kuwait	Saad Alajimi	20  Spain	Jon Caldito
5  Finland	Michael Ingemarson	13  Netherlands	Henny Van Loon	21  Sweden	Michael Ingemarson
6  France	Alain Detry	14  Norway	Rune Haugen	22  Switzerland	Roland Galley
7  Germany	Alexander von den Benken	15  Poland	Maciej Idczak	23  Turkey	Burak Suel
8  Hungary	Pal Harsfalvi	16  San Marino	Massimo Selva	24  UAE	Joe Bracho
				25  United Kingdom	Mal Green

The organization pursues the goal of reaching the full potential level of participation to this memorable event, which takes place every four years.

Our IMAC competitions are just one of the activities belonging to our International semi-scale aerobatics school. Therefore, we believe it is of paramount importance to provide the opportunity, to the greatest number of IMAC pilots, to live through this motivating flying and social experience.

Therefore, in line with our aerobatics school values, pilots will be able to register into the competition assuming one the following four status levels: 1. National Senior Team Member; 2. National Junior Team Member; 3. Additional National Team Member; 4. Guest Pilot from other IMAC World Regions.



All Pilots flying a precision class will be eligible to register in order to participate to the Free Style competition. However, due to time constraints, only up to 40 pilots will be registered in the Free Style Qualification flight. For the same reason, only 15 pilots will be eligible to participate to the Free Style Final flight.

The four status registration options can be described as follows:

#### Official National Senior Team Member

We invite each Country, operating within the IMAC Europe Region, to send a National Team that can be composed of up to 3 Senior Pilots per precision class: Sportsman, Intermediate, Advanced, Unlimited. For a total of 12 Senior Pilots.

#### Official National Junior Team Member

Each Country will be able to send a Junior Team, composed of up to 2 pilots per precision class, for a total of 8 Junior Pilots. A pilot of less than 18 years of age is considered to be a Junior Pilot.

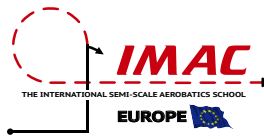
#### Additional National Team Member

In addition, each Country will be able to propose a list of National Pilots who would like to participate to this event, without being part of the selected Official Senior or Junior National Teams.

In case the total number of pilots belonging to the Senior and Junior Teams will be less than 120, then additional pilots from this list will be accepted, applying the Slot Allocation Process described later.

#### Guest Pilots from Other IMAC World Regions

This cluster is made of Pilots belonging to any other IMAC World Region willing to participate to this event.



If, after accepting registrations from all the first three status cohorts, the total number of pilots will still be less than 120, then the Slot Allocation Process will be open to accept Pilots from this last cluster.

## **Slot Allocation Process**

### Allocation of Precision Slots – Up to 120

By February 2023 each IMAC Europe Country Director will have to submit the Country Participation Form described at the end of this document, highlighting the names of each pilot belonging to the first three status clusters: 1. National Senior Team Members; 2. National Junior Team Members; 3. Additional National Pilots willing to participate.

Based on this information, the organizer will fill all the available slots per flight class, also determining which flight classes will share the same runway.

In case of overbooking, produced in some classes by the number of Senior and Junior official pilots, the organizer will propose a fair solution to the IMAC Country Managers' community in order to remain within the fixed boundaries, while ensuring equal National participation levels.

Otherwise, in case slots will continue to be available in some or all classes, Pilots belonging to the Additional National Team cluster will be accepted, ensuring an equal opportunity number per Country.

As final step, if slots will continue to be available, registrations will be open to the Guest Pilots cluster, inviting pilots from any other IMAC Region of the World, who will be able to register on a personal basis.

### Allocation of Free Style Slots – Up to 40

In case the number Free Style pilots submitted through the Country Registration Forms will exceed the number of 40, the organizer will apply the criteria of equal Country participation level, proposing to the IMAC Country Managers community a solution that will ensure equal National participation to the Free Style competition.



The Slot Allocation Process will take place during the month of March 2023.

## **Official Final Rankings and Rewards**

Each precision class will fly 5 Known and 3 Unknowns schedules of which, the worst Known and the worst Unknown results will be dropped. Therefore, for each pilot, the valid flights to be considered for ranking will be 4 Knowns and 2 Unknowns. Raw scores will be normalized to 1,000 points for each valid flight. Therefore, a pilot capable to win all the flights of his class would cumulate 4,000 points from known flights and 1,250 points from Unknown flights. The relative weight of Unknown flights versus Known is stated by the IMAC world regulations. All normalized scores achieved by each pilot in all kept flights will be summed, determining the final raw score that will then be normalized to determine the final normalized ranking for each flight class.

The Free Style competition is structured on a Qualification Flight, open to a maximum of 40 pilots and a Finals Flight open to a maximum of 15 pilots. The first 15 pilots ranking in the Qualification flight will be eligible to participate to the Finals the next day. Only the score achieved in the Finals flight will be utilized to determine the final Free Style ranking order.

### **Celebrated and Rewarded Final Rankings**

During the Celebration Ceremony each pilot who reached one of the top three positions of the following rankings will be publicly rewarded. All others will receive a participation medal.

#### **1. Senior Precision Ranking**

For each precision class a final ranking will be formulated including all participating senior and junior Pilots. Junior Pilots who will have been capable to reach one of the first three positions of this ranking will be rewarded as Senior Ranking winners.



## 2. Junior Precision Ranking

For each precision class a final ranking will be formulated including only junior Pilots.

## 3. Open Precision Ranking

For each precision class, the Senior Ranking will be opened to include any senior or junior pilot participating from any other Country not belonging to the IMAC Europe Region, originating the Open Precision Ranking.

## 4. Free Style Ranking

This ranking will include all Free Style participating pilots, without distinction of age or Nationality.

## 5. National Teams Ranking

A reward will be delivered to the first three National Teams.

This ranking will be calculated by summing, per Country, all the normalized scores achieved by the pilots who reached the top three positions of the Senior Precision Ranking in the different flight classes. To this number, the system will add the normalized scores, per Country, of the pilots who reached the first three positions in Free Style.

The sum of these scores per Country will originate the National Teams Ranking.

## **Registration Confirmation**

Within March 2023, the list of all accepted pilots, generated implementing the Slot Allocation Process, will be sent to each of the IMAC Europe Country Directors. They will communicate the acceptance status to each of their Country pilots, team manager and mechanics.



Each accepted pilot, team manager and mechanic will have two weeks to complete his registration by submitting his participation fee to the Country Director, who will transfer the total Nation Team fees amount to the IMAC Europe account.

If the payment will not be received on time, the Organizer and the Country Director will make the slot available to the next potentially participating pilot.

### **Additional non-flying Country Team Members**

Each Country may appoint a National Team Manager as well as Assistants and Mechanics. They will all be considered as part of the National Team and provided badged access to all activities within the internal operational perimeter of the airfield.

### **Registration Fees**

- Competing Pilot: 300 euro
- National Team Manager: 200 euro
- Assistant Mechanic 150 euro

At check-in, all registered individuals will receive a Badge, which will provide the following benefits and services:

1. Access to the Airfield, hangars and runways, from August 14th to August 27th;
2. Access to gas and oil shop at IMAC Hangar Station;
3. Access to free electricity at the IMAC Hangar Station;
4. A memorial hat.

Supporter Badges, dedicated to any other member of the IMAC family, providing access to all airport internal facilities for the whole length of the event, will be made available at reception desk at the cost of 50 euro.



## Country Participation Form

The following form will have to be submitted by each IMAC Europe Country Director to Manrico Mincuzzi, IMAC Europe RD and Europeans Contest Director. The cost of participation for each National Team will have to be collected locally and delivered to the Organizer through a cumulative payment, to be executed on a bank account that will soon be communicated. The Organizer will not deal with single pilot's payments, with the exception of Guest Pilots and related Mechanics.

The Country Participation Form, in Excel format, will be sent to all Country Directors who will be able to fill it up and send it back before the end of February 2023.

Please find below the example of the Austrian Participation form. Country Directors will have to fill the pilots' names for each of the National Team clusters and then mark, with an X, the adjacent box for each pilot who would like to fly also Free Style.

There is no limit to the number of Additional National Team pilots that Country Directors may like to submit. We shortened the form to 6, but the list can easily be made longer.

AUSTRIA		EUROPEANS COUNTRY PARTICIPATION FORM					
<b>NATIONAL SENIOR TEAM</b>							
<b>SPORSTMAN</b> <i>Pilot name</i>	<b>FS</b>	<b>INTERMEDIATE</b> <i>Pilot name</i>	<b>FS</b>	<b>ADVANCED</b> <i>Pilot name</i>	<b>FS</b>	<b>UNLIMITED</b> <i>Pilot name</i>	<b>FS</b>
1	<input type="checkbox"/> 1		<input type="checkbox"/> 1		<input type="checkbox"/> 1		<input type="checkbox"/>
2	<input type="checkbox"/> 2		<input type="checkbox"/> 2		<input type="checkbox"/> 2		<input type="checkbox"/>
3	<input type="checkbox"/> 3		<input type="checkbox"/> 3		<input type="checkbox"/> 3		<input type="checkbox"/>
<b>NATIONAL JUNIOR TEAM</b>							
1	<input type="checkbox"/> 1		<input type="checkbox"/> 1		<input type="checkbox"/> 1		<input type="checkbox"/>
2	<input type="checkbox"/> 2		<input type="checkbox"/> 2		<input type="checkbox"/> 2		<input type="checkbox"/>
<b>ADDITIONAL NATIONAL TEAM</b>							
1	<input type="checkbox"/> 1		<input type="checkbox"/> 1		<input type="checkbox"/> 1		<input type="checkbox"/>
2	<input type="checkbox"/> 2		<input type="checkbox"/> 2		<input type="checkbox"/> 2		<input type="checkbox"/>
3	<input type="checkbox"/> 3		<input type="checkbox"/> 3		<input type="checkbox"/> 3		<input type="checkbox"/>
4	<input type="checkbox"/> 4		<input type="checkbox"/> 4		<input type="checkbox"/> 4		<input type="checkbox"/>
5	<input type="checkbox"/> 5		<input type="checkbox"/> 5		<input type="checkbox"/> 5		<input type="checkbox"/>
6	<input type="checkbox"/> 6		<input type="checkbox"/> 6		<input type="checkbox"/> 6		<input type="checkbox"/>