

**FEDERATION AERONAUTIQUE INTERNATIONALE
INTERNATIONAL SKYDIVING COMMISSION**



OFFICIAL INFORMATION BULLETIN #1
26th FAI World Formation Skydiving Championships
15th FAI World Artistic Events Championships
5th FAI World Wingsuit Flying Championships
5th FAI World Speed Skydiving Championships



Organised by Skydive Chicago and Skydive Paraclete XP
Hosted at Crystal Coast Skydiving in Beaufort, North Carolina, USA
October 5-11, 2024
www.2024wsc.com

1. Event Organisers

1.1 Skydive Chicago

3215 East 1969th Road
Ottawa, Illinois 61350
Phone: +1 (815) 433-0000

Contact:
Rook Nelson
rook@skydivechicago.com

Skydive Paraclete XP

143 Airport Dr
Raeford, North Carolina 28376
Phone: +1 (910) 904-0000

Contact:
John D'Annunzio
john@flyxp.com

1.2 NAC

National Aeronautic Association
Reagan National Airport Hangar 7
Suite 202
Washington DC 20001-6015
Phone: +1 (703) 416-4888
Fax: +1 (703) 416-4877
E-mail: naa@naa.aero

National Parachute Federation

U.S. Parachute Association
5401 Southpoint Center Boulevard
Fredericksburg, Virginia 22407
Phone: +1 (540) 604-9740
Fax: +1 (540) 604-9741

1.3 ISC Delegate

Jim Rees
Phone: +1 (781) 330-9296
E-mail: jrees@uspa.org

1.4 Organizing Committee

Same as above

2. Aims of the FCE

To determine World Champions of Skydiving in the:

- 4-Way FS Event
- 4-Way FS Female Event
- 4-Way VFS Event
- 8-Way FS Event
- Freely Artistic Event
- Freestyle Artistic Event
- Wingsuit Flying Performance Event
- Wingsuit Flying Acrobatics Event
- Speed Skydiving Event (including new Mixed Team event)

To determine the world standings of the competing teams

To establish world records

To promote and develop Formation Skydiving, Vertical Formation Skydiving, Artistic Skydiving, Wingsuit Skydiving, and Speed Skydiving

To present a visually attractive image of the competition jumps and standings (scores) for competitors, spectators and media

To exchange ideas and strengthen friendly relations between the sport parachutists, judges, and support personnel of all nations

To allow participants to share and exchange experience, knowledge and information

To improve judging methods and practices.

3. Date and place of the FCE

3.1 October 5-11, 2024

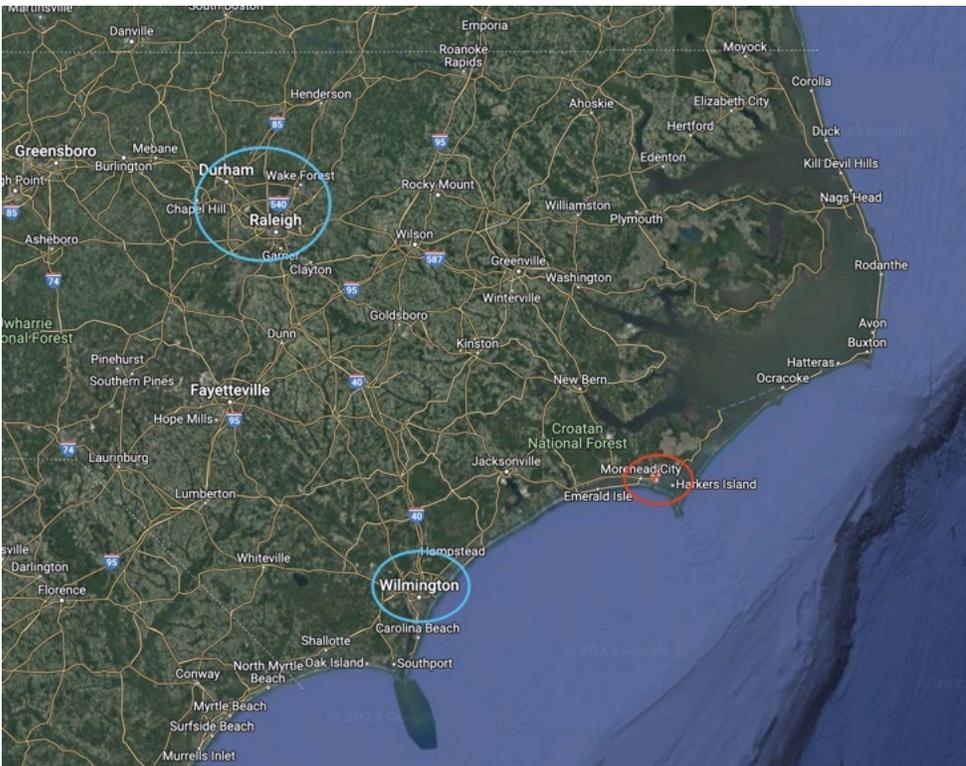
| | | |
|------------|---|-------------|
| 2 October | Arrival of Chief Judges, Assistant to the Chief Judges, FAI Controller, WS & SP Technical Scoring Director, | All Day |
| 3 October | Arrival of 1 EJ per (FS, AE), Wingsuit Panel | All Day |
| 4 October | Arrival of Judge Panels (FS, SP, AE) | All Day |
| 4 October | Official Arrival Day, Practice Period | All Day |
| 5 October | Judges Conference, Official Practice Period | 07:00-16:00 |
| 5 October | Opening Ceremony | 17:00 |
| 6 October | Competition Jumps Start (FS, SP, WS), AE Judges Conference | 07:00 |
| 7 October | AE Competition Jumps Start | 07:00 |
| 11 October | Competition Ends (Last Take Off) | 15:00 |

| | | |
|------------|-----------------------------|---------|
| 11 October | Awards and Closing Ceremony | 19:00 |
| 12 October | Departure of Delegations | All Day |

3.2 Location of Event

2024 World Skydiving Championships will take place at Crystal Coast Skydiving in Beaufort, North Carolina. Crystal Coast Skydiving is located at Michael J Smith Field, which is a public airport in the City of Beaufort and is approximately 250 kilometers to the south east of downtown Raleigh, North Carolina and 160

kilometers to the north east of downtown Wilmington, North Carolina.



Transportation

4.1 Recommended Airport

There are two international airports within a reasonable driving distance to Crystal Coast Skydiving, Raleigh-Durham International Airport (RDU) and Wilmington International Airport (ILM). Crystal Coast Skydiving is located approximately 160 km or 2.2 hours drive from Wilmington International Airport, and approximately

250 km or 3 hours drive from Raleigh-Durham International Airport. There is very limited or no rail transportation servicing the area near Crystal Coast Skydiving. It is not a recommended means of transportation.

4.2 Transport to Competition Venue

Both of these international airports offer car rentals from most major car rental companies, including but not limited to: Advantage, Alamo, Avis, Budget, Dollar, Enterprise, Hertz, National, and Thrifty.

4.3 Local Transportation Provided

The Organizing Committee will provide rental cars for the judges and staff related to the event to share. Rental cars will be assigned two to three people per car.

Competitors are responsible for their own transportation to and from the dropzone. There are many car rental companies that operate out of Raleigh-Durham and Wilmington airports, and an Enterprise car rental is located

in Beaufort, North Carolina. Turo is also a widely available car-sharing app.

5. Entry: Fees & Registration

5.1 Entry fees will be as follows:

| | |
|------------------------------------|----------------------------|
| Formation Skydiving (4-way, 8-way) | \$1336 US + 115 CHF |
| Vertical Formation Skydiving | \$1336 US + 115 CHF |
| Artistic (Freefly and Freestyle) | \$1260 US + 115 CHF |
| Wingsuit Performance | \$1336 US + 115 CHF |
| Wingsuit Acro | \$1260 US + 115 CHF |
| Speed Skydiving | \$1260 US + 115 CHF |
| Additional Event | \$100 US + Jumps (\$39 ea) |
| Member of Official Delegation | \$375 US + 115 CHF |
| Alternate Team Member | \$375 US + 115 CHF |
| Accompanying Person | \$375 US |
| Judge Candidate | \$375 US |
| Banquet Dinner Ticket Only | \$65 US |
| SP Mixed Team Event | \$140 US |

Competitor entry fees include all competition costs (jumps, jump offs, re-jumps, and one official practice jump for FS and SP or two official practice jumps for AE and WS), sanction fees, lunch on days of competition jumping (October 6-11), Opening Ceremony, Awards and Closing Ceremonies, banquet dinner, and a competitor gift. SP Mixed Team Event is an additional three jumps plus minimal registration added on to Speed Skydiving registrations only.

Competitors are responsible for their own lodging, travel, transportation, and some food. Recommendations will be provided on the website (2024wsc.com) and in the official bulletins.

Entry fees for Heads of Delegation, Team Leaders, and other Delegation Members includes all of the above except the competition costs. Accompanying Person and Judge Candidate fees include lunch on days of competition jumping (October 6-11), Opening Ceremony, Awards and Closing Ceremonies, banquet dinner, and a gift.

The total amount due for registration is calculated by taking the fee of the highest priced event and adding the additional event fee(s) and jumps. Please make sure to select the correct event(s) during the registration process to avoid being charged incorrect registration fees. Sanction fees should be paid in USD based on the exchange rate on the day of payment.

The above pricing is based on fuel costs remaining below \$5.50 US/gallon. An increase of \$0.50 US per gallon will increase the cost per jump (regular rounds, official training jumps, and pre-event training) by \$1.50 US.

Late registrations may be accepted if capacity allows, and the registration fee will be increased by 20% (except the sanction fee which stays the same).

5.2 Entry dates (for preliminary and final registration, see SC5)

Preliminary registration must be received by July 22, 2024.

Final registration and payment must be received by August 22, 2024 at the latest.

5.3 Number of teams allowed is specified in Competition Rules for each discipline.

5.4 Registration Procedure (online, excel, email) & Payment Procedure

Step 1. Each delegation's NAC is asked to email a list of all approved delegation members to events@skydivechicago.com with the subject "FAI Preliminary Registration" with the following information:

- Full Name
- Role
- Discipline(s)
- Team Name

Once received, the host will send the NAC an email with the registration link for step 2.

Step 2. Registration for the 2024 World Championships will be online. A single entity (i.e. the NAC) may enter the individual details for all or some of the delegation members. In this case, please note the total due and select the option to pay via wire transfer in the individual payment section. A single transfer may then be made of the total amount due for the delegation. The single entity (i.e. the NAC) may instead send the link to individual delegation members for them to complete registration information on their own. Either way, each delegation member must be individually registered and complete payment made to be considered registered.

The information required of each individual for registration includes:

- Full Name
- FAI License Number
- Gender
- E-mail of Individual Registrant
 - This must be the individual's email and may not be, for example, a generic Federation email because a confirmation email will be sent to each individual once online registration has been completed.
 - The confirmation email contains a link to complete the electronic waiver, which is mandatory and must come from each individual.
 - If the registrant has an account with Burble software, please use this same email address
- Phone Number

- Can be the NAC phone number, personal phone number not required
- Address
 - Can be the NAC address, personal address not required
- Date of Birth
- Role (i.e. Competitor, Head of Delegation, Team Manager, Coach, Medic, Media, Significant Other, or Other)
- Choice of gift: Sweatshirt (and size), Hat (“Trucker-style”), OR Backpack
- Choice of banquet dinner: Salmon, NY Strip Steak, OR Vegetarian
- Estimated Date of Arrival
- Estimated number of training jumps?
- Will you need a packer? Yes/No

The name of the competitors on the entry forms must be EXACTLY the same as the one listed in the FAI Sporting License Database.

Please contact us at events@skydivechicago.com with any questions.

5.5 Registration Payment Procedure

Payments can be made:

- a) **Online via credit card** during the registration process. All major credit cards will be accepted, but subject to a 3% booking fee per registrant.
- b) **Via bank transfer.** Please use this payment method if you wish to pay for more than one registrant at a time. Only after transfer has been received is registration considered to be complete. Any bank charges for wire transfers will be the responsibility of the sender.

The whole amount as per the section on Entry Fees must be paid to the organizer.

All payments must be made in USD. Sanction fees should be paid in USD based on the exchange rate on the day of payment.

5.6 Full Bank Information (beneficiary, account name and number, IBAN, BIC/Swift, etc.)

Please email events@skydivechicago.com with the subject line “FAI Bank Request” for full banking information to prevent fraud from posting publicly online.

6. Dropzone Facilities

6.1 Competition Layout

Crystal Coast Skydiving is home to a stunning view of the United States’ Outer

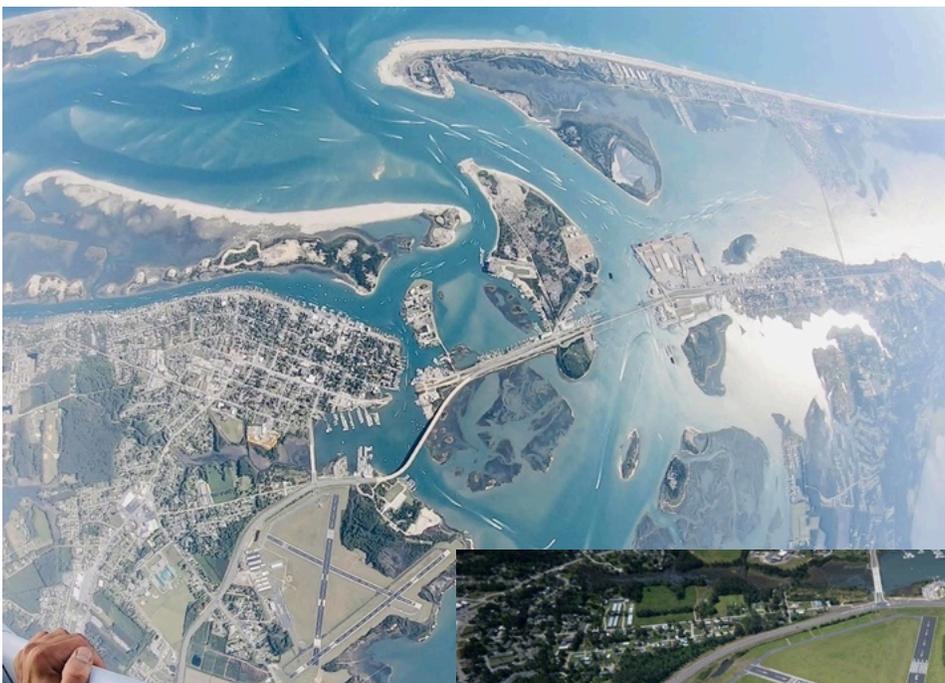
Banks along the east coast. Skydive Chicago and Skydive Paraclete XP have come together to organise the FAI World Events at this location, forgoing the opportunity to host at either of their home dropzones, specifically to showcase one of the most beautiful areas in the country for a new and unique competitor experience.

The airport consists of 104 hectares of municipal land. The main landing area consists of approximately 16 hectares of unobscured, flat, manicured grass and sits at 5.5m above sea level. There are alternative landing areas just to the south.

The following facilities will be available: One 550-square-meter main hangar with a few rooms for manifest, packing, information center; additional hangar fully equipped for judging; multiple video dubbing stations for competitor uploads; creeping and dirt diving areas including mock ups; packing tent; tents for delegations; catering tent; first aid station; public toilets; wifi and internet access; and parking lot.

The Organizing Committee will outfit Crystal Coast Skydiving with appropriate registration and manifest office space. There will be one copy machine available in addition to several printers dedicated solely to the use of the judges. Computer workstations equipped with internet and wireless capabilities are offered throughout the facility. Judging hangar is equipped with Intime judging stations, which have the ability for slow-speed playback.

6.2 Ground and Aerial Photographs of Airfield / Dropzone



6.3 Previous event(s) experience at the particular venue(s)

Skydive Chicago is home to the 2016 Mondial World Championships as well as several world records, USPA Nationals competitions, and international festivals with experienced management and staff. Skydive Paraclete XP also has a long list of experience hosting large-scale records, competitions, and events. The Organizing Committee made up from these two dropzones will ensure an incredible experience for all participants at the unique location of Crystal Coast Skydiving.



7. Aircraft Details

Skydive Chicago and Skydive Paraclete XP will be supporting the event with multiple Twin Otters. These provided aircraft will allow for nearly 200 jumps an hour, if required. Skydive Chicago and Skydive Paraclete XP have more aircraft than the event requires, and additional aircraft will be available in the case of any mechanical issue. All events will be flown at 85-90 knots, 15lbs left and 20lbs right on torque.

Twin Otter door is 50" tall (1.27m) 56" wide (1.42m).

All seat belts are TSO'd single-point buckles.

Additional pictures can be found in [Appendix A](#).



8. Pre-event

8.1 Aircraft

There will be one twin otter available for training September 29th with limited dropzone amenities and three otters available with full dropzone set-up beginning October 1 for pre-event training.

8.2 Altitude

Aircraft exit altitudes will be available between 10,500 ft (3200 metres) and 13,500 ft (3962 metres) AGL (or AGL GNSS as appropriate).

8.3 Cost

The jump pricing for pre-event training jumps will be:
3,000+ m: \$39 USD

This pricing also applies to jump fees for additional events. As with jumps included in the registration, these prices are subject to a fuel surcharge based on current fuel prices.

8.4 Dates

Crystal Coast Skydiving is usually open three days per week (Friday-Sunday) and is open year-round with a Cessna-182 plane. The dropzone will be operating every day from September 29 with at least one twin otter for pre-event training.

9. Accommodation Details

Within 7 km of the DZ:

| | | |
|-------------------|----------------|----------------------|
| Beaufort Hotel | (252) 728-3000 | beauforthotelinc.com |
| Pecan Tree Inn | (252) 728-6733 | pecantree.com |
| Inlet Inn | (252) 728-3600 | inlet-inn.com |
| Beaufort Inn | (252) 728-2600 | beaufortinn.com |
| Langdon House B&B | (252) 728-5499 | langdonhouse.com |

At the time of this printing, the average nightly rate per room with two queen beds is approximately \$130 US for the close boutique hotels or \$105 for slightly further away chains such as DoubleTree, Hampton Inn, or Holiday Inn.

There are also many options available on the home-sharing app AirBnB and vacation rentals available on various websites.

Competitor Discounts available:

Beaufort Hotel

- (252) 728-3000 or beauforthotelinc.com
- \$259 weekend \$199 weekday
- Call (252) 728-3000 and reference "World Parachuting Championship" or <https://bookings.travelclick.com/114723?domain=portal.travelclick.com&groupID=4191542#/guestsandrooms>

Palm Suites

- (252) 247-6400 or www.palmsuites.com
- 20% off
- When people call in to book, please have them call: 252-247-6400 and press option 1 to speak with reservations. They will need to mention that they have the special corporate rate: FAI World Parachuting Championships to receive the rate. They will then need to provide the dates of check in and out.

Hotel Alice

- (252) 247-5118 or www.hotelalicenc.com
- \$139 and \$89
- Call front desk 252-247-5118 and ask for "SkyDive-Chicago" special rate

Event Organisers are working on additional discounts for competitors for hotels next to the closing ceremonies on October 11, 2024:

[Holiday Inn Express & Suites Havelock](#) (252) 447-9000
[Hampton Inn Havelock](#) (252) 447-9400

For Staff and accompanying persons:

Hampton Inn Morehead City (Judges)

- 4035 Arendell St, Morehead City, NC 28557
- <https://www.hilton.com/en/hotels/mornchx-hampton-morehead-city>
- (252) 240-2300
- 11.7km from Crystal Coast Skydiving, estimated 15 minute drive
- Pre-official arrival day cost: \$109 per night group block, typically \$155 Airbnb (Asst to Chief Judge, SP/WS Technical Scoring Director, Media Officer, FAI Controller)
- <https://www.airbnb.com/rooms/1004969483120989496>
- Estimated 3.2km from Crystal Coast Skydiving, 5 minute drive

10. Equipment

10.1 Helmets

Use of a helmet is required.

10.2 AADs

AADs are required.

Per FAR Sec. 105.43 Use of single-harness, dual-parachute system:

(c) If installed, the automatic activation device must be maintained in accordance with manufacturer instructions for the automatic activation device.

*AAD must be indicated on reserve data card with serial number and date of manufacture (DOM).

*AAD service must be logged on reserve data card, or be able to check service

due dates on the AAD itself (available on Cypres II and Vigil).

10.3 Wingsuits

See [2024 Wingsuit Competition Rules](#) for additional information on wingsuit requirements.

10.4 Flotation Gear

Flotation gear is recommended by the United States Parachute Association, but not required for this event.

10.5 Reserve Parachute Repacks

All reserve parachute systems will be subjected to a 180 reserve repack cycle. Therefore, each rig to be jumped during competition must be re-packed and inspected on April 14, 2024 or any date thereafter. Your gear, if not FAA-approved (TSO'd), may be packed based on your country's repack interval. If you have a non-TSO's rig you cannot lend it to others to use during the event.

Parachutes must be fully opened by 600m (2000ft) AGL.

Following is a summary of the applicable FAR Section:

- Section 105.3 defines "approved parachute" as being either TSO'd or having military identification.
- Section 105.3 also defines "foreign parachutist" as neither a U.S. citizen or a resident alien "using parachuting equipment not manufactured in the U.S."
- Section 105.43 sets out that all persons must use TSO'd equipment. (The section goes on to specify packing requirements.)
- Then Section 105.49 then states that no one may use an "unapproved foreign parachute system" unless several conditions are met. The first is that the equipment "is worn by a foreign parachutist who is the owner..."
- Section 105.49 goes on to say that "All foreign non-approved parachutes deployed...shall be packed as follows—...the reserve...must be packed in accordance with the foreign...requirements, by [an FAA] rigger or any other person acceptable to the Administrator." (Note the word "deployed.")

See [Appendix B](#) for helpful infographic.

For more information check out the following article and/or infographic:

[Traveling with a Parachute to the United States—What Skydivers and DZOs Need to Know \(parachutist.com\)](#)

10.6 License Requirements

A valid FAI Sporting License for 2024 is required, and each competitor must be listed in the FAI Sporting License Database.

It is recommended that the License be obtained a minimum of 3 months prior to the start of the competition to enable verification.

11. Organisation Officials

Meet Director- Melissa Nelson
FAI Controller- Alberto Martin Paracuellos
FS Chief Judge- Pekka Salmela
Event Judges
Deanne Brazelton
Wolfgang Duller
AE Chief Judge- Tamara Vorst
Event Judges
Jami Pillasch
Robert Wielgoss
WS Chief Judge- Mike Pennock
Event Judges
Scott Callentine
Vera Asquith
SP Chief Judge- Arnold Hohenegger

Assistant to Chief Judges- Marylou Laughlin
Electronic Scoring Operator- Claire King
Chief of Judge of Training- Bert Ham
SP Scoring Technical Director- Gary Taylor
WS Technical Scoring Director- Gary Taylor
Jury Members
Rina Gallo- Jury President
Ron Miasnikov - Jury Member
Gernot Rittenschober- Jury Member (remote)

A list of all judges can be found at <https://www.fai.org/isc-documents> under: Officials and Judges > Judges > Judges Panels 2024

12. Judging & Scoring

The Organizing Committee will be utilizing InTime as the required electronic scoring systems for FS, AE, SP, Wingsuit Acro, and Wingsuit Performance judging.

The Organizing Committee will provide InTime judging stations with slow-speed capability and as many monitors as needed. The Organizing Committee will also secure the Flysights required for the speed skydiving and wingsuit performance events. There will be enough tables and chairs for the judging area to accommodate. The Organizing Committee can provide any staff assistance and supplies that the judges require, including but not limited to paper, pens, ink, staples, etc.

The Organizing Committee will post scores on an official scoreboard, which will be easily accessible by teams and judges per ISC requirements.

12.1 Judges Training Course

A Wingsuit training course will be held during the World Championships from October 5-11. For entry fees, see 5.1 (above). Further details (dates, time, registration requirements, any additional costs, etc.) can be found on the FAI/ISC website at <https://www.fai.org/page/isc-judges>

13. Medical / Emergency details

The Organizing Committee will provide a full time first aid and CPR trained person to be on site for the duration of the event. Full ambulance and medical services are available via 911 emergency phone call, with a typical response time of ten minutes. Med-evac helicopter service is available. The closest major trauma center hospital, located in Greenville, North Carolina is about a 30-minute helicopter ride away, with a couple of smaller hospitals nearby.

14. Insurance Details

All competitors must have full third party liability insurance valid in the US and also have insurance to cover medical expenses in the case of injury and repatriation. In case of any problems please contact the organisers. Personal items and equipment are the participants' responsibility. Third Party Insurance may be obtained through www.USPA.org

There is an inexpensive option for travel insurance at <https://www.bhtp.com/> that covers professional athletic competition plus skydiving. Go to 'compare other plans' then pick 'AdrenalineCare' which provides medical coverage up to 50k and 750k medical evacuation for \$20 at the time of this bulletin.

15. Visa information

Visitors to the USA may be required to obtain a DS-160 visitors visa (B-2 visa) to attend this sporting event. Visitors can apply online to the US State Department using form DS-160 at:

<https://travel.state.gov/content/travel/en/us-visas/visa-information-resources/fees/fees-visa-services.html>. The nonimmigrant visa application fee for the athlete category at the time of this printing is \$205 US, and is not covered by the registration fees.

Email events@skydivechicago.com to request an invitation letter to the event for visa purposes.

16. Rules and Regulations

16.1 Competition Rules can be found here:

- [Formation and Vertical Formation Skydiving](#)
- [Wingsuit Flying](#)

- [Artistic Event](#)
- [Speed Skydiving](#)

[Sporting Code Section 5](#)

16.2 Dropzone Rules:

- 90 degrees turns only for landing.
- Left hand pattern unless stated otherwise by S&TA.
- Land in designated landing areas only.
- No swooping the aircraft ramp.
- Gear must be tagged to board aircraft.
- All competitors must have a helmet and AAD.

16.3 Doping Requirements and Control

The USADA may conduct drug testing following directives from WADA according to the details specified in the FAI website:

<https://www.fai.org/anti-doping-faq-event-organisers#6>

17. Weather

October weather on the east coast of North Carolina provides some of the most sought out weather conditions in the country. With the coastal breeze and sunny days past the heat of summer, these weather conditions make it very enjoyable to spend time outdoors. Sunshine hours will be from 07:04 to 18:46 on October 4, 2024 to 07:10 to 18:36 October 11, 2024 allowing for over 11 hours of daylight each day.

Statistics for the weather conditions over the previous five years are included in [Appendix C](#).

18. Other Matters

18.1 National flag and anthem (as per SC5)

The FAI sporting code requires that each delegation must bring its own national flag and its national anthem in a MP3 format to be used in ceremonies.

18.2 Beaufort, NC and Crystal Coast Area Tourist Information

The town of Beaufort, along with the entire Crystal Coast tourist area, would like to encourage event participants to explore what there is to offer before or after the FAI event including but not limited to the following options:

- North Carolina Seafood Festival
- Amusements: speedway, arcade, escape room, mini golf, etc.
- Tours: pirates, light house, ghost, wild horses, etc.
- Sport Fishing and Boat Charters
- Scuba Diving

- Rentals: kayak, bike, boat, surf, kites, electric bikes, etc.
- Art Galleries
- Spa, Fitness & Wellness
- Beaches
- Aquariums/Museums
- Breweries
- LIVE Music

The complete visitors guide can be found at:
<https://www.crystalcoastnc.org/visitors-guide/>

18.3 Official Bulletin #2

The second bulletin will be provided no later than September 4, 2024.

Appendix A - Twin Otter Door and Seatbelt Pictures

Skydive Paraclete XP Twin Otters





Skydive Chicago
Twin Otters

Appendix B - Reserve Repack Infographic

CAN AN INTERNATIONAL SKYDIVER JUMP THEIR RIG IN THE U.S.?



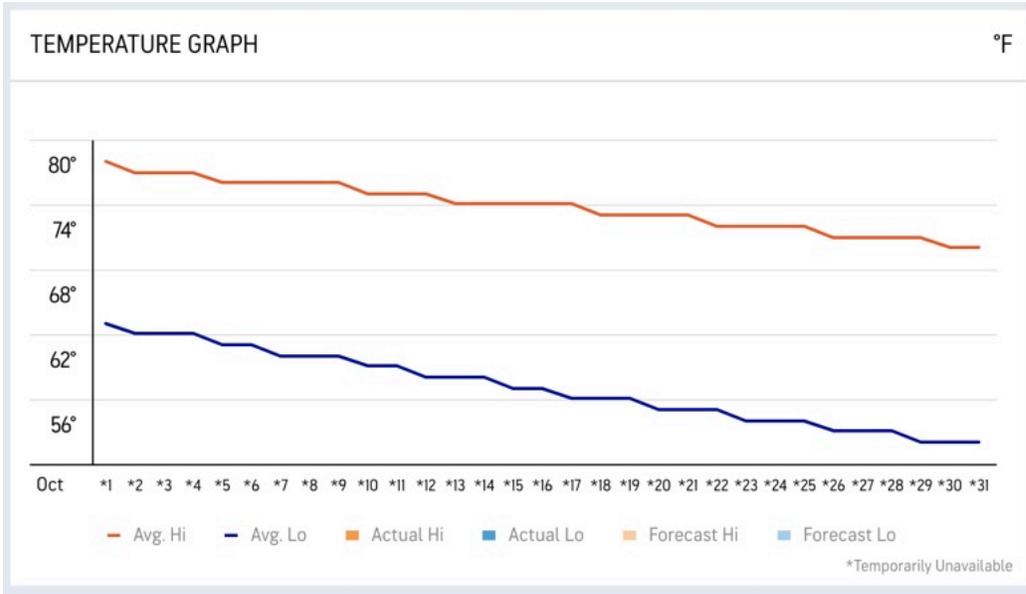
Check an FAA Seal Symbol



Appendix C - Weather Conditions

Averages

2023
Weather



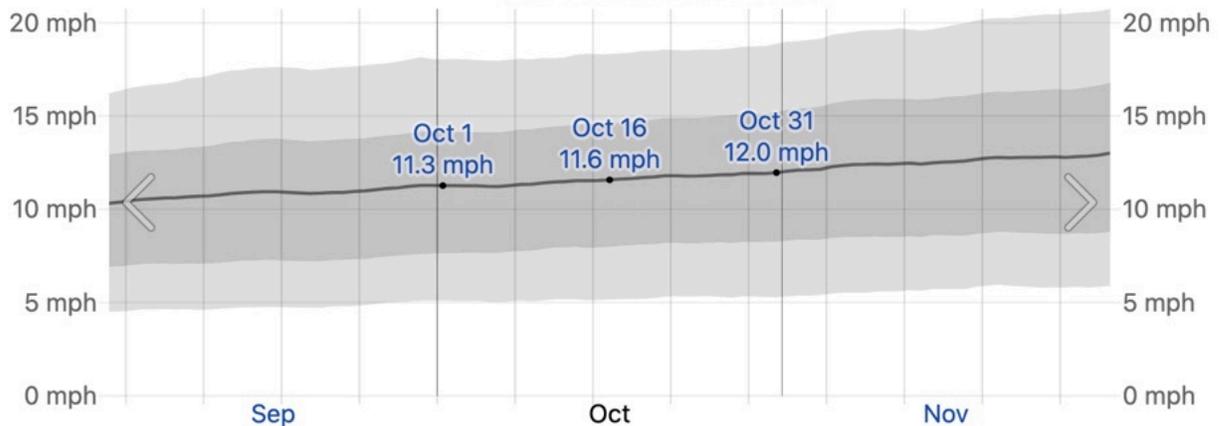
October 2024

| S | M | T | W | T | F | S |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 29 | 30 | 1 | 2 | 3 | 4 | 5 |
| Hist. Avg. 78° 64° | Hist. Avg. 78° 63° | Hist. Avg. 78° 63° | Hist. Avg. 77° 62° | Hist. Avg. 77° 62° | Hist. Avg. 77° 62° | Hist. Avg. 76° 61° |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Hist. Avg. 76° 61° | Hist. Avg. 76° 60° | Hist. Avg. 76° 60° | Hist. Avg. 76° 60° | Hist. Avg. 75° 59° | Hist. Avg. 75° 59° | Hist. Avg. 75° 58° |

Statistics

Average Wind Speed in October in Beaufort

[← Fall](#)
[Link](#)
[Download](#)
[Compare](#)
 Averages: J F M A M J J A S **Oct** N D
 History: 2023 2022 2021 2020 2019



The average of mean hourly wind speeds (dark gray line), with 25th to 75th and 10th to 90th percentile bands.