



Bid
for organizing the
38th FAI World Gliding Championships
Open, 18 Meter and 20 Meter Multi-Seat
Classes
August – September 2023
Uvalde, Texas USA

Executive Summary

The Soaring Society of America and the Uvalde Soaring Association strongly believes that it can offer the best possible conditions for the competitors of the WGC 2023 in the Open, 18m and 20m Multi-Seat classes and respectfully requests the award be issued to Uvalde, Texas based on the following:

- **Enthusiastic and experienced team.** Uvalde Soaring Association has an enthusiastic team with extensive experience in organising large and successful International and National competitions. Our ability to deliver World Class Soaring events has been consistently proven over the last 40 years.
- **Ideal Infrastructure.** The airfield offers the full range of infrastructure required for large-scale international competitions such as exclusive use of the paved runway and taxiway, 25 acre improved tiedown area, large hangars, social facilities, and especially setup for easy handling and preparation of each glider including water filling facilities at the glider parking areas.
- **Safe operations with obstacle-free approaches and field dimensions.** Obstacle-free approaches to the runway and the airfield provide for safe starting and finishing procedures. The task area is very hospitable to glider operations in a safe manner.
- **Excellent thermal and topographic gliding conditions.** The competition area offers outstanding gliding conditions, meteorologically and topographically, as has been proven by the excellent results of many millions of KM's and thousands of hours flown over the last 40 years.
- **Easily usable airspace.** The airspace in the competition area is very large, relatively uncongested and has few restrictions. The airfield is uncontrolled and no airspace restrictions exist over the airfield.
- **Easy outlandings.** The area is easy for outlandings. It is predominantly flat with sandy ground, offering not only excellent thermal conditions but also an unrestricted number of large fields and runways.
- **Finding competitive gliders for trade or hire in the US is relatively easy:** a nearly unrestricted number of high-performance gliders of the latest generation in the Open, 18m and 20m multi-seat classes are available.
- **Central location – easy to reach.** Uvalde is located in the center of the United States and thus easy to reach from both hemispheres. The major airports of San Antonio, Dallas and Houston are within driving distance of Uvalde and the port of Houston is also convenient.
- **Glider support.** Lancair International is well versed in composite repair and support and are on the field to provide spare parts and repair services.
- **Energetic and supportive community.** The citizens of Uvalde as well as the governmental entities have all vowed to support this Championship and are committed to providing economic offsets to mitigate the cost of attending for international participants.

Let us show the World the skies of Texas in 2023!



Applicant:

Name: National Aeronautic Association of the USA

Date of Application: December 15, 2019

Organizing Gliding Club or other organization:

The Soaring Society of America, Inc
P.O. Box 2100
Hobbs, NM 88241-2100
USA

Name and address of National Aero Club:

National Aeronautic Association
Reagan Washington National Airport
Hangar 7, Suite 202
Washington, DC 20001
USA

Proposed Director of the Championships

Eric Mozer

US National Champion - 6 times
Member US Team to World Championships - 7 times
Chairman - SSA Contest Board - 1985-1994
SSA Board of Directors - (past member)
US Delegate to International Gliding Commission - 1995 - 2014
IGC Vice-President - 1998 to 2004
IGC First-Vice President - 2004 to 2012
IGC President - 2012 to present

Proposed Competition Director:

Mark Huffstutler

Contest Manager for WGC Uvalde 1991
Host and Board of Advisors for WGC Uvalde 2012
US Team Captain for WGC 1997 and WGC 1999
Competed in 11 Open and 20M National Championships
Hosted 36 Regional, National or World Soaring Championships in Uvalde
Served as Competition Director in 13 Soaring Championships

Proposed Competition Manager

Sherman Griffith

2-time US National Open Class Champion
Qualified for 4 WGC US teams
Participated in 1995 WGC Omarama New Zealand
Competed in 14 Open Class National Soaring Championships
Participated in contest management in various capacities including Competition Director since 1978
Active BOD member and 2-time past President of large US Soaring Club: Texas Soaring Association

Milestones

March 2020 receive bid approval
April and May 2020 identify key personnel
June 2020 begin campaign for sponsor support
Beginning January 2021 Monthly check-in reports from Committee heads
January 2021 first mailing to all identified 2020 competitors and team managers
June 2021 establish FAA contact for Pilot certifications
January 2022 adjust expenses according to the sponsor support and announce entry fee
March 2022 prepare for August Super Regional (small pre-world contest)
August 2022 hold Super Regional contest (open to foreign participants) and identify any undone items with visiting stewards
January 2023 updates to competitors and team managers/ resolve any FAA certification issues
March 2023 updates to competitors and team managers with monthly communications thereafter
July 2023 have all personnel in place for contest practice period
(provisional milestones above, updates to be determined)

Airfield:

Garner Field Airport (KUVA)
Uvalde, Texas USA
29° 12.68' N, 099° 44.62' W

Contact person (for the applicant):

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or

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1. **Event and Year**

1.1 **Name of Competition**

38th World Gliding Championships for the Open, 18-Meter, and 20-Meter Multi-Seat Classes

1.2 **Year of event**

2023

2. **Site**

2.1 **Name of the airfield**

Garner Field Airport (KUYA), Uvalde, Texas USA

2.1.1 **Co-ordinates**

29° 12.68' N, 099° 44.62' W

2.1.2 **Direction and distance to nearest town, population of this town**

The nearest town is Uvalde, approximately 1 mile (1.3km) to the west of the airport. The population of Uvalde is 16,298 (2017 census)



2.1.3 **Experience of airfield staff in organizing championships**

The staff on the field has organized many soaring contests since 1986 including:

- 1986 15-Meter US National Championship
- 1987 Standard Class US National Championship
- 1988 Open Class US National Championship
- 1989 15-Meter US National Championship
- ***1991 FAI World Gliding Championships***
- 1993 Standard Class US National Championship
- 1994 Open Class US National Championship
- 1998 Open Class / Standard Class US National Championships
- 2000 Open Class / 18-Meter US National Championships
- 2001 15-Meter US National Championship
- 2002 Open Class / World Class US National Championships
- 2004 Open Class / 18-Meter US National Championships
- 2005 15-Meter US National Championship
- 2008 Open Class / 15-Meter US National Championships

- 2011 Open Class / 18-Meter US National Championships
- ***2012 FAI World Gliding Championships**
- 2016 Sports Class US National Championships
- 2018 Open Class / 18-Meter US National Championships

In 1991, Team Uvalde: organized, staff and hosted the very successful FAI World Gliding Championships for the 15-Meter, Standard, and Open Class. Team Uvalde successfully staged a thorough and complete contest, with only 10 months lead time due to unforeseen events at another site.

In 2012, Team Uvalde again organized, staffed and hosted another very successful FAI World Gliding Championships for the 15-Meter, 18-Meter and Open Class.

2. 2 Proposed period for the event

2.2.1 Training Dates

First Training Day	August 12, 2023
Last Training Day	August 25, 2023
Opening Ceremony	August 26, 2023

2.2.2 Competition Dates

First Competition Day	August 27, 2023
Last Competition Day	September 9, 2023
Award Ceremony	September 10, 2023

2.2.3 Alternate dates for training

Alternate dates are not available at this time.

2.2.4 Alternate dates for competition

Alternate dates are not available at this time.

2.3. Airfield operating data

2.3.1 Surface of airfield, number and directions of runways

One runway 15/33 with a length of 1,600M / 5,250' and width of 30M / 100'
 One parallel taxiway with a length of 1,600M / 5,250' and width of 15M / 50'
 Numerous surfaces available to create turf runways for towplanes and relights
 Airport elevate is 287M / 941' above sea level



Scene from 2012 WGC showing use of main runway and parallel taxiway for launch

2.3.2 Maximum number of gliders that can be accepted

120 in all classes as demonstrated in previous WGC events

2.3.3 Number of tow planes that will be employed

Depending on the number self-launching and non-motorized sailplanes, 10 to 12 towplanes will be employed.

2.3.4 Meteorological facilities that will be provided

Meteorological facilities will include state-of-the-art technology augmented with local aircraft observations. Data will be analyzed and presented by an experienced professional meteorologist familiar with the contest area and soaring competition.

2.3.5 Parking facilities for gliders

Garner Field has ample open space for parking 120 gliders and their trailers. A grass tie down/parking/assembly area is available, with full facilities for water ballast.

2.3.6 Repair facilities for gliders

Uvalde Garner Field has hangar space available for repairs and staff on the airport for help in repairs. Lancair International is located on the field and has extensive composite repair facilities.

2.3.7 Repair facilities for radios and instruments

There are 2 FAA approved avionics repair facilities on the airport.

2.3.8 Oxygen requirements and supply facilities, if required

Oxygen will not be necessary however oxygen service is available on the airport.

2.3.9 What plans do you have to implement the FAI Environmental Code of Conduct during your event?

All staff will be educated on the FAI Environmental code of Conduct. The compliance to the code will be mandatory. The organizers will apply for an FAI EMS approval.

2.4 Airfield Infrastructure

The airfield Campus includes the airfield and a co-located educational College. The College has many available rooms in a walking distance to the airfield (less than .5 mile/800m) for meeting space. The large gymnasium with floor seating and gallery seating will accommodate the morning briefing. The many classrooms will easily take care of any smaller room needs.

The airfield is a Publicly owned airport. The town of Uvalde owns the airport. There are several buildings and hangars on the airport that will be available for use during the contest period. This runway and taxi way are paved and will be used as parallel runways for staging, takeoff and landing operations. The primary runway (15/33) is paved, in good condition. The dimensions are 5256 x 100 ft (1600 x 30m). The parallel taxiway is paved and in good condition. The dimensions are 5256 x 50 ft (1600 x 15m).

2.4.1 Briefing Room

Many rooms are available on the airport or at the College for small groups as well as the College gymnasium with floor and gallery seating for over 500 people.

2.4.2 Common Room(s) for the competitors

Individual Team meeting rooms will be accommodated at either the adjacent College or with mobile structures on the airfield.

2.4.3 Meeting Room for the International Jury

A specific room will be established for the International Jury.

2.4.4 Press Centre

A room will be established for the press needs.

2.4.5 Communication and internet equipment

Internet access is now widespread in the area via either mobile telephones and hotspots or by dedicated service at the airfield and in the tiedown area. The area is well covered by many cell service providers. The internet service will be augmented during the time of the contest to accommodate the extra usage. The airfield will be WI-FI enabled for convenient team usage.

2.4.6 Post and Banking

Full banking services are available at several banks in Uvalde, all within 3 miles of the airfield.

Post services: United States Postal Service, Fed Ex, Amazon, UPS, and other parcel services are readily available.

2.4.7 Insurance availability

Insurance will be available for all participants at reasonable rates.

2.4.8 Toilets, washrooms and shower rooms

Toilets and washrooms are currently available and will be supplemented for the contest.

Shower rooms are not applicable. No camping on the airport is permitted.

There is a RV park less than one mile from the airfield. It is possible to hire Motor homes for use in the park.

2.4.9 Car parking

There is ample space for car parking, on the airfield and on the Junior College campus

2.4.10 Emergency (including fire)

Emergency responders are less than 1 mile away.

2.4.11 Medical and First Aid

Emergency Medical services will be on the airfield at all times during the contest and practice periods. For more extensive needs the hospital for Uvalde is .5 km from the airfield. There are currently 2 Air Medical providers based at the airfield.

2.4.12 Conference and office rooms for the OSTIV Congress, if required

The adjacent College has presentation rooms, with facilities for the more formal presentations than a team meeting would need. These rooms are available for formal meetings. All rooms at the College are air conditioned and have comfortable seating. The main auditorium seats 500 people.

3. Accommodation and food for competitors

3.1 Accommodation facilities available in the local area

Many hotels and motels are available in less than 2 miles (3 kilometers) from the airfield. About 550 rooms are currently available,

As has been done in the past WGC's, private homes are available for rent with host

families willing to help sponsor teams.

3.2 Camping facilities at the airfield

Natural conditions and temperature are not conducive to camping at the airfield. Camping on the airfield is not permitted.

3.3 Catering for competitors at the airfield

There does exist a full-service restaurant – Hangar 6 Air Café – on the field for ala-carte or catered dining. Food events at the airfield will also be provided in the gathering area.

4. Competition area

4.1 Topography in the contest area

The Uvalde contest area occupies a region approximately 450 km (north-south) by 250 km (east-west) in south-central Texas, USA. The southern half of this area is mostly flat and lies at elevations between 200 and 300 meters, with the south and east generally lower than the north. This area has few hills higher than 25 meters and is widely used for crops and ranching. Roads are relatively plentiful here, though some large cattle ranches make it possible to be as far as 15 km from a paved road.

The northern half of the contest area has extensive hills (it is known locally as “Hill Country”); typical valley elevations are 400m to 500m, hilltops range up to 650m. In this area, cultivation is confined to limited areas in the wider valleys.

The only large river in the contest area is the Rio Grande, which forms the border between Texas and Mexico – and the southwest boundary of the contest area. As this river flows through dry country it causes very little suppression of lift, and indeed is often a place to find strong thermal conditions.

Due to generally excellent thermal lift that typically lasts well into the evening, outlandings tend to be rare. A majority of these take place on airfields, of which there are more than 200 within the contest area. On the relatively few days of difficult weather, tasking tends to favor the southern half of the contest area, where agricultural fields are relatively plentiful and a number of secondary roads are suitable (with care) for outlandings.

Mobile phone coverage is generally good throughout the contest area, though in some of the more remote valleys among the northern hills, coverage can be expected to be weak.

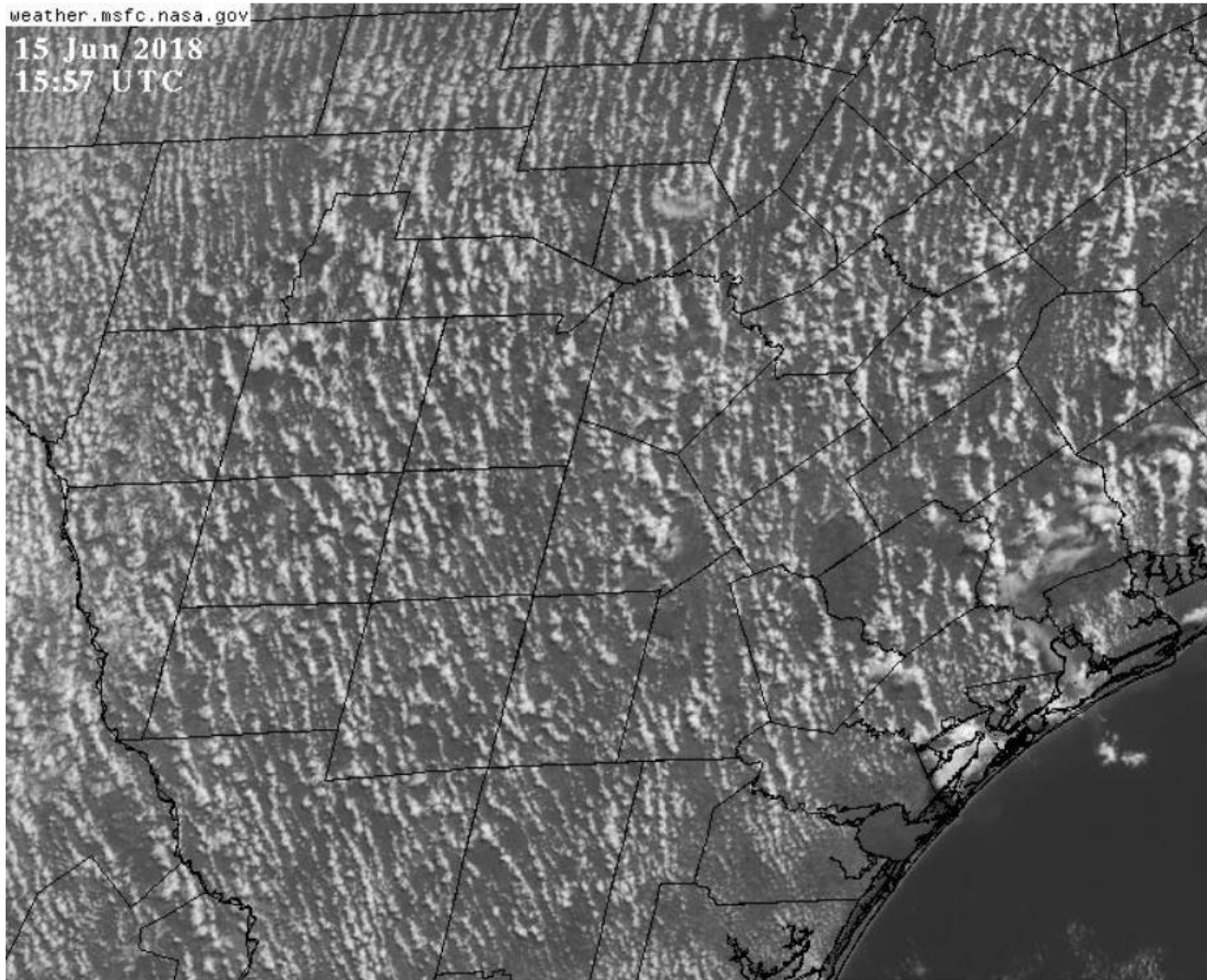
4.2 A comprehensive survey of meteorological conditions

Historical weather statistics (as measured at the San Antonio airport, about 110km east of Uvalde) for the month of August:

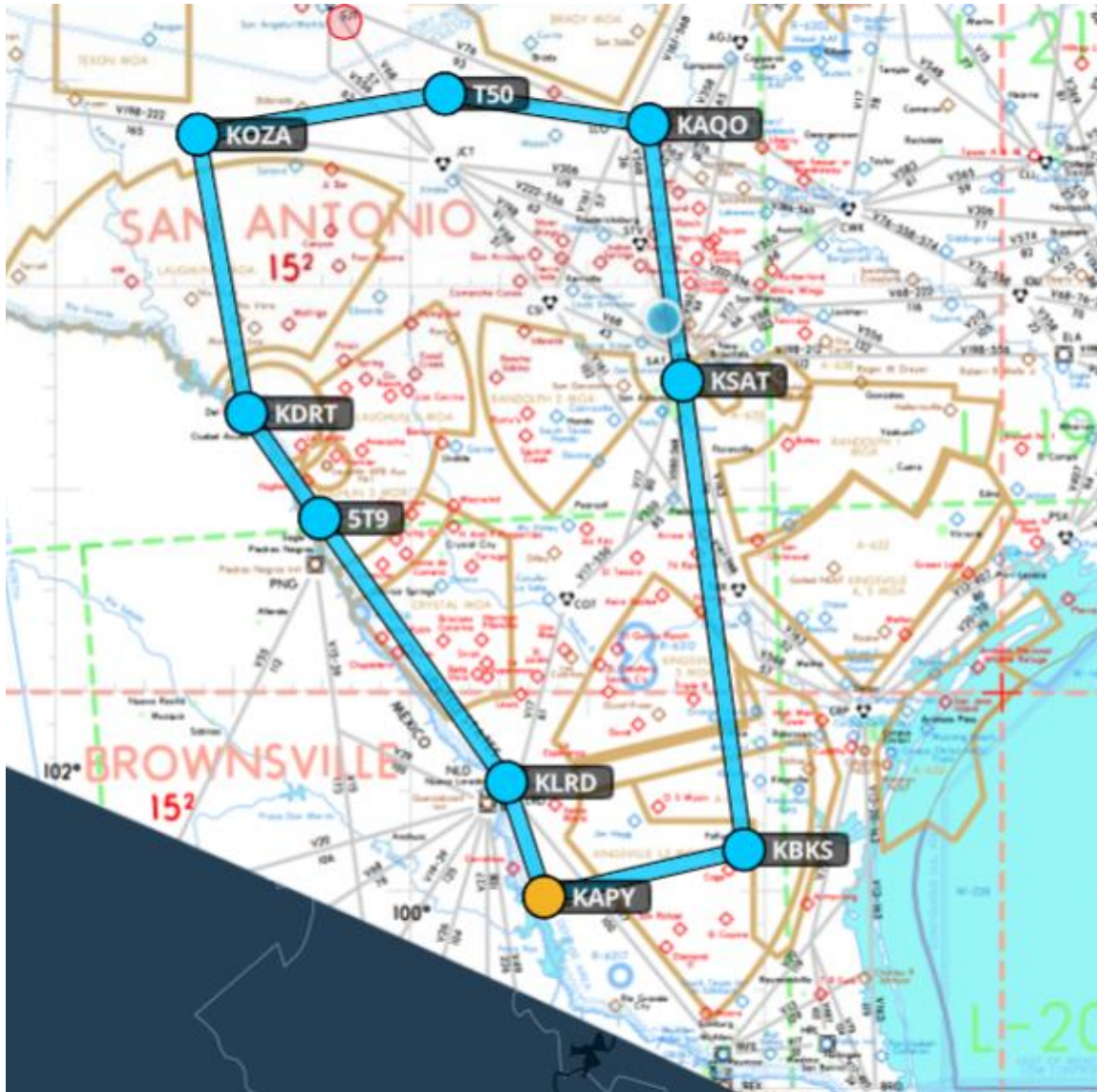
- Average daily high temperature: 95.2°F / 35.1°C
- Average nighttime low temperature: 74.5°F / 23.6°F
- Record high temperature: 107°F / 41.7°F
- Record low temperature: 52°F / 11.1°F
- Average monthly rainfall: 2.54" / 65mm
- Average windspeed: 10.4 kts
- Average thunderstorm days per month: 4
- Percentage of possible sunshine: 74%

The most common synoptic pattern for August has a high-pressure area over the southeastern US and a weak low over northern Mexico, producing a southeasterly flow over central Texas. Nighttime cooling typically leads to morning stratus clouds, which start to break around 9:00. By 11:00, insolation is strong and temperatures have reached 90°F / 32°C. Soarable conditions commence around 11:30 to noon,

with increasing cumulus coverage. By 13:00, bases are around 5000ft (1500m) MSL. By 14:00, two octas of cumulus clouds with bases near 6000ft (1800m) and lift around 6kt (3m/s) is typical. In the southern half of the contest area, southeast winds organize the cumulus into extensive streets; in the hilly north, streeting is less prevalent but bases are often as much as 1000ft (300m) higher. These conditions will continue to improve slowly until around 17:00, when bases can be near or above 8000ft (2400m) and best lift near 10kt (5m/s). Toward evening, the extent of cumulus clouds decreases, but reliable climbs are often available past 19:30.



Typical satellite view of cloud streeting in south Texas



Uvalde Tasking Area

Thunderstorms are possible. In most cases these are well forecast and not extensive, so tasks can be set that keep pilots clear of them. Such storms are usually strong enough to produce significant rainfall (locally up to and occasionally above 50mm) and in most of the contest area the soil is only moderately well drained, so thermal activity tends to be suppressed for 24 to 48 hours in such areas.

Several meteorological anomalies occasionally affect the Uvalde contest area. The most important is a sea breeze front, caused by the prevailing southeasterly winds and the Gulf of Mexico (300km from Uvalde). This front usually remains southeast of the contest area during the day but can penetrate into or beyond Uvalde during the late evening, bringing a freshening breeze, increased moisture and lower temperatures to the area overnight. Occasionally the effect is stronger, bringing a sea breeze convergence line into the contest area during the afternoon. Typically, thermals are enhanced along and ahead of this convergence and suppressed behind it.

Another is known as the Marfa dry line (or dew line), an area of convergence between gulf moisture and a much drier air desert air mass. This line usually lies well to the west but can drift eastward into the Uvalde contest area. It typically is an area of enhanced convection, producing excellent lift but also a higher chance of thunderstorms.

Proximity to the Gulf of Mexico exposes Uvalde to occasional tropical storm and hurricane influences. Severe storms rarely penetrate far onshore before weakening; the usual consequence in the Uvalde area is an increase in thunderstorm activity for a day or two.

Meteorological conditions are generally more uniform across the contest area than is typical for WGC sites. Areas further than 100km east of Uvalde tend to be lower and somewhat wetter, so cumulus cloud bases there are often somewhat lower. The higher ground to the north tends to have higher bases (which give about the same clearance above the terrain).

On the airfield, heat (which can exceed 100°F / 38°C) and humidity have potential to cause problems. It is important for anyone exposed to this to use sunscreen products and drink plenty of water, practices which are often not habitual for those unused to such conditions. Prior to takeoff it is desirable that a pilot in the cockpit of a glider be sheltered from the sun by an umbrella or other shade. Though outlandings are relatively rare, pilots must be prepared for the possibility of hot, unsheltered conditions that could be far from civilization.

Lift in the contest area is almost exclusively from thermals. As the highest of these rarely reach 10,000ft (3000m) MSL, oxygen has never been required during any Uvalde contest flight. The terrain and heat are unfavorable for many types of flying insects, so airfoil contamination from insect strikes is rare. "Bug wipers" are thus not regarded as important (or indeed desirable) for Uvalde contests.

4.3 Airspace restrictions in the contest area

Uvalde's large contest area includes just 5 blocks of restricted airspace: San Antonio International Airport Class C – 110 km east
Laughlin Air Force Base Class C – 80 km
west US-Mexico border – 85 km southwest
Eagle Pass Restricted Area (9km cylinder) – 100 km south-southwest
Cotulla Restricted Area (approx. 35x17km) – 140 km southeast

As all of the above effectively lie on or near the edge of the contest area, the limitations they impose are minor – almost certainly much less than at any World Gliding Contest during the past 15 years.

Throughout the contest area, the maximum altitude allowed for VFR flight is 18,000ft (5500m) MSL, an altitude well above the highest ever reached during a Uvalde contest flight. There is no need for a "Prohibited Airspace Boundary" surrounding the contest area.

Laughlin Air Force Base, near the town of Del Rio and the Mexico border, is a center for military pilot training in small jet aircraft. These aircraft often use Military Operating Areas east of the Air Force Base and west of Uvalde. Such areas are open to civilian VFR flight, but it is clearly desirable that steps be

taken to minimize conflicts. Almost all operations at Laughlin AFB occur Monday thru Friday with little to no activity on the weekends allowing unfettered use of their MOA's. Cooperation with the authorities that control this training has in the past been good, and for a World Gliding Championships it should be possible to make arrangements (such as keeping the military aircraft above cumulus cloud bases) that enhance safety.

4.4 Typical tasks to be expected

Historically, Uvalde contest days have usually allowed at least four (and often up to six) hours of on-task flying. Winning speeds by 15-Meter-span gliders have usually been above 130kph and not infrequently above 140kph; best-ever speeds exceed 150kph. Only about one day in five has been won with a speed below 120kph.

Tasks have generally tended to favor the southern half of the contest area, due to cumulus streeting

and better roads and landability. More use of the northern half has been seen in recent years, due to an increasing number of airfields and the higher cumulus cloud bases often found there.

The unusually large contest area with its notable lack of airspace restrictions and generally excellent and uniform soaring conditions allow great tasking flexibility. Given the long days and good speeds typical of good Uvalde weather, tasks at a World Gliding Championships should be near or above 500km on any but weak days, and could exceed 800km on the best days

When conditions are good, pilots commonly report long runs (sometimes 150km) between thermal climbs, and an important part of winning strategy can be starting a tentative final glide when far from the finish and far below the height that glide calculations suggest should be necessary. A popular end to many tasks involves a final turnpoint perhaps 100km south of Uvalde. The run home will tend to be along lift streets, often at high speeds and without circling. A stretch between Laredo and Eagle Pass and along the US Mexico border was popularized by Klaus Holighaus at the US Open Class Nationals in 1988 for multiple trips back and forth like a wave flight without turns. This route is commonly known as the "Holighaus-Strasse".

Following is a summary of the 2012 WGC results:

- 99 pilots from 24 countries were in attendance
- Flew 7 official training days and 13 competition days. **No days lost to weather.**
- Total distance flown during the official training period and the competition was 799,900 km (distance from earth to moon is 384,400 km, so we flew to the moon and back). (All the rest of the stats below are for the competition only, not including official training period).
- Typical total distance flown each day was 40,000+ km, (99 pilots, 400+ km each). The circumference of the earth is 40,000 km. Each day we flew around the world.
- 18m champion Zbigniew Nieradka won with 12170 pts. More points than earned at any previous WGC.
- Fastest speed 161.0 km/h (100 mph) Peter Harvey, Open class.
- Slowest winning speed 130.7 km/h.
- Average daily distances: 493 km 15m, 504 km 18m, 559 km, Open.
- Total hours flown on task 4773 hr. (199 days at 24 hr/day)
- Shortest distance flown by a winner was 310 km, 15m, Day 8, Assigned Area Task
- Longest distance flown by a winner was 715 km, Open, Day 3, Racing Task

4.5 Road and Traffic Conditions

The roads are well marked and in good condition. Traffic is generally very light. The roads and intersections are wide and have good visibility for navigating with glider trailers.

5. Rules

5.1 Indicate the options intended to be used from Annex A for:

5.1.1 Starting procedures

Starts will be controlled using either the Start Ring (SC3a-7.4.3a) or the Start Line (SC3a-7.4.3b)

5.1.2 Tasks

Tasks will be of two types: Racing Task (SC3a-6.2.1) and Assigned Area Task (SC3a-6.2.2).

5.1.3 Finish procedures

Finishes will be controlled using either the Finish Line (SC3a-7.8.2a) or the Finish Ring (SC3a-7.8.2b).

5.1.4 Scoring

The 1000-point scoring system will be used.

5.2 Particular conditions or possible restrictions that may be applied

None

5.2.1 Pilots and Crews

None

5.3 Number of competitors:

5.3.1 State the maximum number of competitors that may be entered the competition

120. The maximum number of entries in each class will be 50. If the total number of entries exceeds 120, Annex A rule 3.4.3c will be applied to reduce the number of total entries to 120.

5.3.1.1 Provide explanation for this number

The size of the field and the length of the runways, tie down space and other people concerns would be over crowded if more competitors were allowed.

5.4 Indicate how the classes will be separated for:

5.4.1 Starts

Each class will have its own release area and start each day. There are no significant geographic features near the home airfield that tend to preferentially generate lift and thus concentrate pilots during pre-start flying.

5.5 On task

Uvalde's large contest area, typically strong and uniform soaring conditions, and minimal airspace restrictions often allow each class to fly a task well separated from gliders of other classes.

5.6 Finishing and landing

As has been typical of all recent World Gliding Contests, no special procedures are planned to enforce spatial separation between classes during finishing and landing. Ample space on the airfield ensures that the separation due to normal landing patterns is sufficient to ensure safety. Long tasks in good soaring conditions that persist well into the evening tend to produce time separation.

6. Costs

6.1 Entry fee

The organizers will attempt to mitigate the entry fees and other costs to the teams and competitors through sponsorship and payment-in-kind. The entry fee will not exceed €950 Euro / \$1,045.00 USD (as of 12/19 rate 1.10)

Services included in the entry fee

The following items are some of the items included in entry fee;

Internet Access / Wi-Fi

Meeting Rooms

Professional Meteorological services

Operational cost for scoring, tasking, turn point data Trophies, prizes, medals

Field preparation
Opening and closing ceremonies

6.1.1 Cost of aero tows

All tows to 2,000ft (600m)
15-Meter and 18-Meter €59 Euro / \$65 USD (as of 12/19 rate 1.10)
Open class €63 Euro / \$70 USD (as of 12/19 rate of 1.10)
Self-Launch €10 Euro / \$11 USD

6.2 Price of car fuel per gallon

The current price of gasoline in Uvalde is approximately \$2.10 per gallon (\$0.55/€0.50 per liter). Market volatility makes it unrealistic to estimate a future price.

6.3 Rental cars

Auto rentals are available at varying costs for many different makes and models.

6.4 Accommodation

6.4.1 Hotels

There are many Hotel and Motel rooms available. The current number is in excess of 550 rooms.

6.4.2 Apartments

During the 2012 World's Championships several teams hired homes and apartments for the contest period. The cost will depend on number of persons and size of the residence. These are being gathered by Team Uvalde and will be listed well in advance of the contest dates.

6.4.3 Bed and Breakfast

Currently there are a small number of Bed and Breakfast opportunities. As the time of the contest gets closer this will be updated. The teams can also check with the Chamber of Commerce for new possibilities

6.4.4 Camping

This area is not conducive to camping. Camping on the airfield is not permitted. For "camping like" accommodations there is a very close RV park (less than 1 mile). Motor Homes may be hired for this purpose. Tent camping is not suitable for this area. There can be snakes and there will be very hot and humid day temperatures that continue into evening.

6.5 Catering

It is common for the food establishments to bring food off of their site for catering to another site and "carry-out" menus do exist and may be negotiated at any time. The variety of food is vast, and the pricing is reasonable. There are several food stores that have extensive opportunities for economical food for the crews and pilots. These are very close to the airfield.

6.6 Provide an indicative example for the expected total costs during the contest period for a pilot with 2 crew members. All Euro estimates are as of 12/19 rate of \$1.20/€1.00.

Pilot entry fee		€950 / \$1,045
Aero tows	12 contest tows	€756 / \$840
Car rental	1 car – 14 days	€385 / \$500
Lodging	2 hotel rooms, 2 person per room, 14 days	€1,723 / \$2,240
Food	26 USD / day / person / 14 days	€840 / \$1,092
Total		€4,654 / \$5,717

Uvalde has several well-known fast food chains which if used could severely reduce these costs. The housing situation has many options. The dorm rooms on the College campus were used in the 2012 World Championships and could again be available (about 25 USD per room – exact rate not yet available). Other cost savings may be made by housing in hotels with 4 persons in one room.

7. Glider Hiring

The pricing of a glider hiring is a big variable. In the last five years over 200 high performance models of gliders have been purchased by US pilots. The number of gliders available for hire includes these models plus many other older versions. What type of glider, how new, and how near to the Uvalde area are factors that will determine the price of the rental. To facilitate this effort we have established an East coast and a West coast SSA member to help any foreign pilot in the efforts to find a suitable glider for hire.

7.1 The availability of local gliders for hire

There is only a single Arcus in the local area that could be available for hire. Other competitive gliders could be available within 200 miles. Many gliders for hire are anticipated to be available in the United States for teams that are interested.

7.2 The costs of hire

Glider rental costs are to be negotiated between the owner and the foreign team/competitor. It is anticipated that all teams wanting to hire gliders will find an acceptable arrangement. The Team Uvalde organization will identify a resource who will help teams with glider hires.

7.3 Any restrictions on hire

Teams will discuss this on an individual basis with the aircraft owner. There are usually no restrictions concerning the usage.

8. Training

8.1 Provide details of any proposed training opportunities for teams and individuals prior to the Championships.

Training dates are scheduled. The team that comes earlier than the scheduled dates will be directed to nearby airports that will be able to accommodate practice flying. The contest site will not be available for practice until the scheduled dates.



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Thursday, September 19th, 2019

Fédération Aéronautique Internationale

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Switzerland

2023 World Gliding Championship

To Whom It May Concern:

The Uvalde Area Chamber of Commerce was founded in 1920 and currently represents 337 active members of our business community. On behalf of those members and the board of directors we would like to voice our support of Uvalde being the chosen location for hosting the Fédération Aéronautique Internationale (FAI) 38th World Gliding Championship (WGC).

Our Uvalde area is not a stranger to the gliding community - not only are we well known amongst general enthusiasts for rivaling some of the best thermals and conditions for the sport, but we are also tenured international community hosts having had immensely successful WGC's at our location. We hosted the 22nd WGC in 1991 and the 32nd WGC in 2012 as well as the United States National Championships numerous times.

Geographically, the Uvalde Garner Field Airport (KUVA) is the ideal place to host the 38th FAI WGC due to the proximity of the San Antonio International Airport (87 mi/ 140km), intersection of two of the longest highways in the United States (HWY's 83 and 90), and available use of meeting and presentation rooms for the overall competition participants, teams, and Organisation Scientifique et Technique Internationale du Vol a Voile (OSTIV) members at our local Southwest Texas Junior College campus located just meters from the airfield. We are able to offer a very large task area for long and challenging flights coupled with beautiful scenery as we are the county that connects the renowned Texas Hill Country to the South Texas brush country.

Other factors that attribute to making Uvalde a suitable location include many stores that are open for 24 hours a day making securing necessary supplies an ease, strong support from our local population with many of our businesses showcasing photos of sailplanes, unique shopping and entertainment opportunities, and a variety of ample lodging options.

Our businesses and community are excited for the opportunity to once again extend a warm Texas welcome to the international gliding community and their sailplanes that will last with fond memories for years to come.

Thank you in advance for your consideration.

Best regards,

Victoria Dühring
Executive Director

John P. Dodson
President, Board of Directors



WILLIAM R. MITCHELL

Uvalde County Judge
Uvalde County Courthouse
Uvalde, Texas 78801

September 26, 2019

Federation Aeronautique Internationale
Maison du Sport International
Av. De Rhodanie 54
CH-1007-Lusanne
Switzerland

RE: 38th World Gliding Championship

Good Morning;

On behalf of over 32,000 South Texans, I would like to extend a warm invitation to the Federation Aeronautique Internationale to allow the Uvalde community the opportunity to host the FAI 38th World Gliding Championship.

As you are well aware, the Uvalde area and a large portion of South Texas is highly recognized by general enthusiasts for rivaling some of the best thermals and weather conditions for the sport of gliding. The Uvalde community is well equipped with the aviation facilities and the housing needed to host the participants, their families and their crews.

I can assure you that if FAI comes to Uvalde for the 38th World Gliding Championship, the experience will be enjoyed by all.

In advance, I thank you for considering this invitation and for selecting Uvalde as your host site for the 38th World Gliding Championship.

Cordially;

A handwritten signature in black ink that reads "William R. Mitchell".

WILLIAM R. MITCHELL
UVALDE COUNTY JUDGE
Uvalde County Courthouse
Uvalde, Texas 78801



September 23, 2019

Attn: International Gliding Commission Committee
Re: 2023 World Gliding Championships

To whom it may concern,

On behalf of the Main Street Uvalde program, I would like to express our support for the hosting of the 2023 World Gliding Championships in Uvalde, Texas. This event would be fervently supported by all of our downtown businesses and would bolster our local economy.

Uvalde has a rich history and a vibrant culture, and I feel that it is the ideal place to host the 2023 championships. Following the success of the 1991 and 2012 World's Gliding Championships, the hundreds of people who converged upon Uvalde to watch, support, and participate serve as a testament to the extraordinary infrastructure and fervor required to host a large-scale sporting event.

It is with great pride that the Main Street Uvalde program supports this bid. We look forward to seeing the World Gliding Championships hosted again in Texas, in one of its most charming and historic cities; and to make it both culturally rich and an excellent soaring experience.

Yours sincerely,

Susan E. Rios

Susan Rios
Main Street Manager



Surround yourself with adventure.
Convention and Visitors Bureau

September 23, 2019

International Gliding Commission Committee

To whom it may concern,

On behalf of the Uvalde Convention & Visitors Bureau, we wish to express our enthusiastic support for the possibility of hosting the 2023 World Gliding Championships in Uvalde. This event would bring a significant boost to the Uvalde economy as well as an additional draw for tourist increasing activity in our entire area for our local merchants.

We are honored to be considered for such an event and are prepared to begin planning now in order to make this event extra special for everyone!

Respectfully,

Debra Stifflemire

Executive Director

Uvalde Convention & Visitors Bureau

Uvalde Convention & Visitors Bureau

300 E. Main St. * Uvalde, TX 78801 * 830-278-4115 * Fax 830-278-3994 * www.visituvalde.com