



WAAC 2022 Bid

FAI-CIVA Meeting – Warsaw, Poland 10 November 2018

FAI-CIVA Meeting – London 9 November 2019

15th FAI World Advance Aerobatic Championship - 2022



October 11 - 22, 2022

Jean (OL7) Airfield - Las Vegas, Nevada USA

2022 WAAC Progressive Reporting

- Organizing Team will Issue **Bulletin 1 - November 2019**
 - IAC West Open Championship awarded to Chapter 12 second year in a row by IAC yesterday (Nov 10, 2018) – Contest scheduled for October 2019**

Bulletin No. 1 will report out on

- Contestants – number and home location
 - Weather – daily high and low temperatures and winds
 - Flight Tempo
 - Local airfield operations (sky diving)
 - Box layout
 - Hotels
 - Lessons learned / General summary
- Bulletin 2 - November 2020**
 - Estimated hotel rates for day rates for dates before and after the official competition
 - Pilot document requirements for USA flight and USA insurance
- Bulletin 3 - November 2021**
 - Rental Aircraft Social Media Network
 - Shipping of aircraft by sea – logistics update
- Bulleting 4 - May 2022**
 - Final contest Info – Warm up pilots, other officials etc.
- Bulletin 5** – if required after **May 2022** and before contest



Example of Drop Zone for parachute activities LMO – (Longmont, Colorado)

196 acft movements/day

No restrictions other than to avoid overflight of the filed while skydiving is in progress

Contest Objectives

- ✓ FAA Waiver for aerobatics surface to 6,999 MSL
- ✓ All other Flight Standards District Office (FSDO) Requirements
- ✓ Compatible aerobatic box location with airport and other traffic
- ✓ Liability insurance requirements
- ✓ Clark County Department of Aviation (CCDoA) approval
- ✓ Las Vegas Terminal Radar Approach Control Facility (TRACON) coordination
- ✓ Box procedures – North & South X – axis entries; Y axis as well
- ✓ Judging locations – East and West side. South unlikely due to prevailing winds.
- ✓ Safe & efficient operations with sky diving jump plane & jumpers
- ✓ Local traffic management
- ✓ Logistics

All objectives met or exceeded

Contest Airfield Details



- Jean Airport - OL7
- Runways
 - 02L-20R 4,600 ft. [1,402m]
 - 02R-20L 3,700 ft. [1,127m]
- Field Altitude 2,835 ft. / 864m MSL
- Box floor & ceiling altitude
 - 3,491 MSL (656 AGL)
 - 6,444 MSL (3,609 AG)
- Will Get Contest Waiver to 6,999 Ft in Class B to accommodate Box Entry.
- Minimal traffic at the airfield – will mobilize support for contest



Airspace will easily accommodate Advanced pilots

Interstate 15 | Airport | Clark County Fire Station 87

Communications - JEAN 0L7

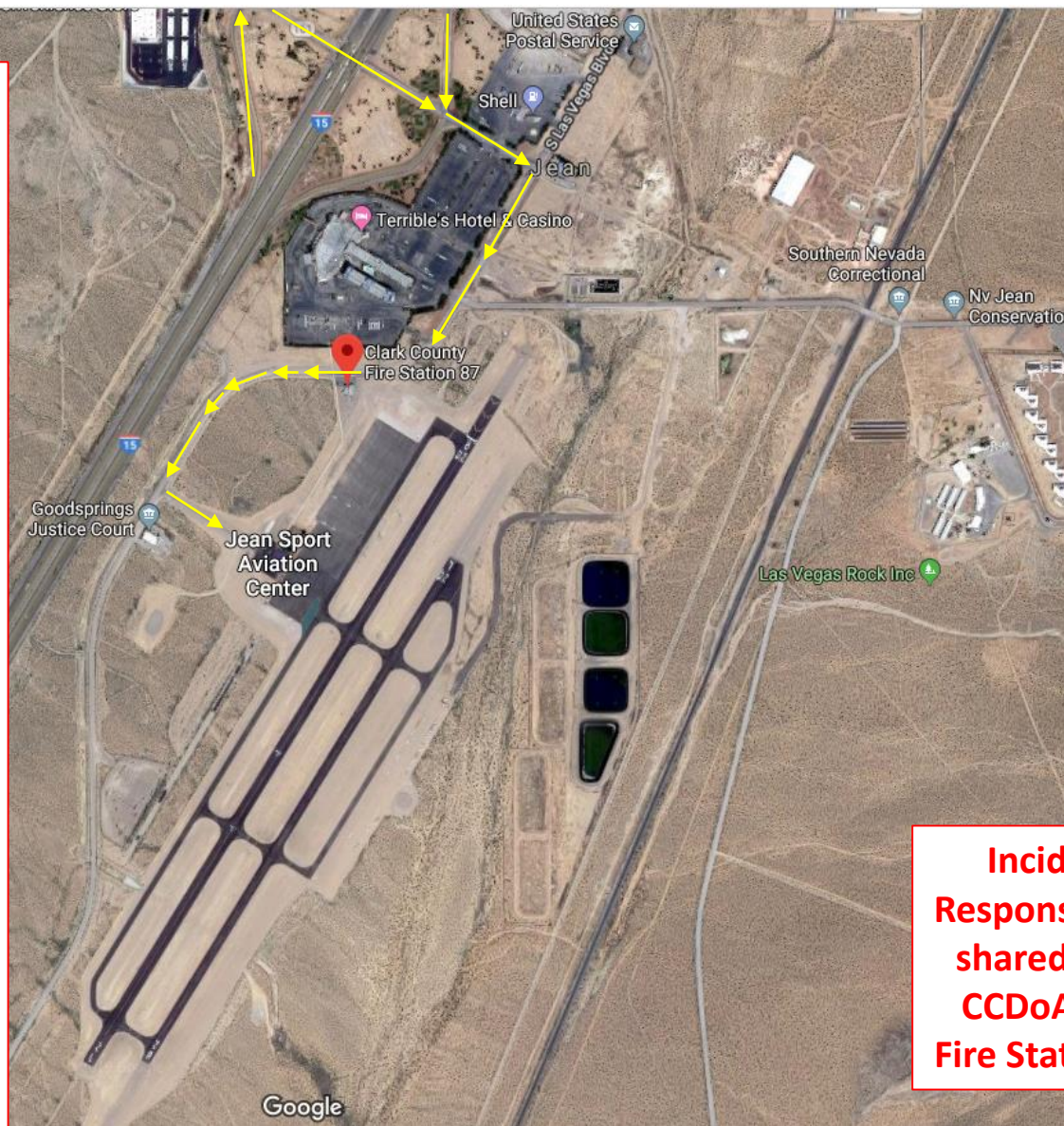
Ground 122.9
CTAF 122.9
Box 127.47

AWOS 120.775
Henderson 702-614-4537
HND TWR 125.1

Las Vegas TRACON
725-600-7010
725-600-7011
FSS 877-487-6867

Contest Director Phone
720-250-8442
Duncan Koerbel

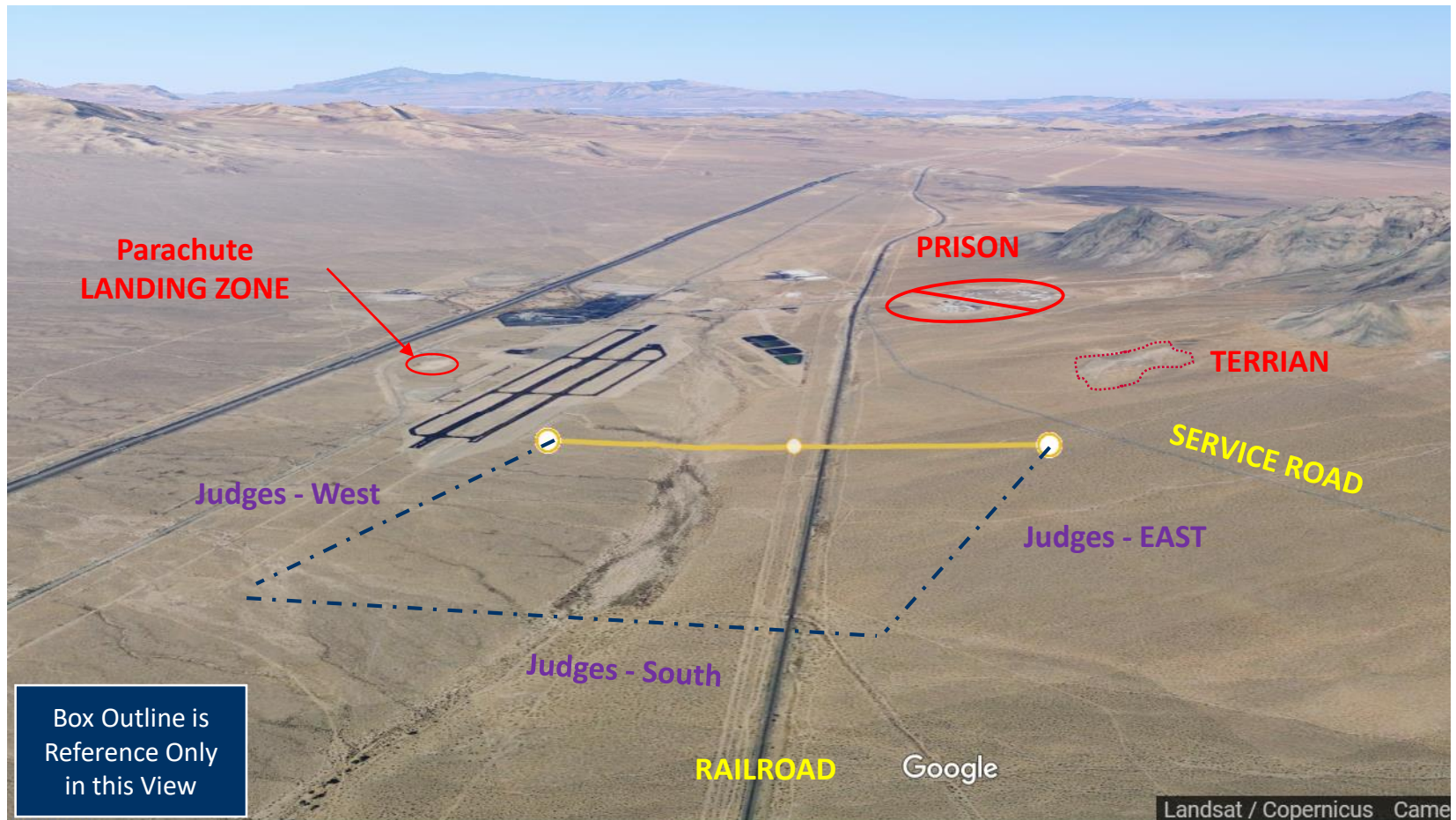
NOTAMs ISSUED
0L7 10/056, 10/057, 10/058



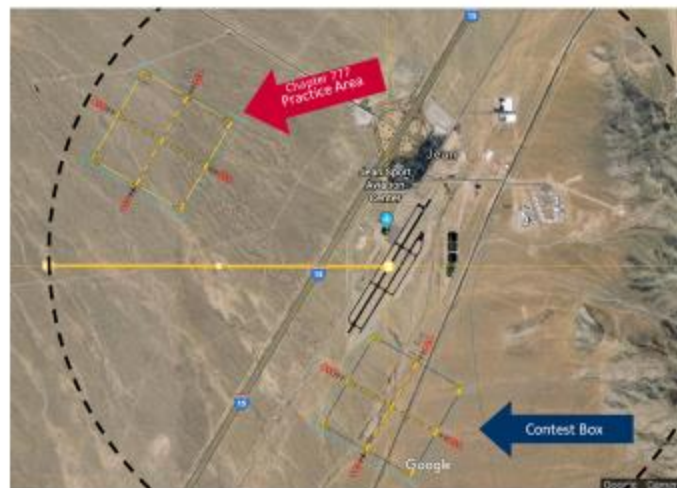
**Incident
Response Plan
shared with
CCDoA and
Fire Station 87**

Highlights

- Competition box is well south of parachute landing zones
- Avoids service road with 500' buffer, small terrain rise (highlighted in red) & prison
- One pilot at a time in the air for 2022 WAAC
- 100% controlled with radio communication
- Competitors in Primary, Sportsman, Intermediate, Advanced, and Unlimited
 - No operations below 667 feet AGL in 2022



JEAN AIRPORT – OVERVIEW @ 2 NM RADIUS



Runway 20L – South Wind Flow

Departures takeoff and climb to 1200' AGL on runway heading
Box exit and descend to 1000' AGL before turning downwind
Prison Overflight is Prohibited



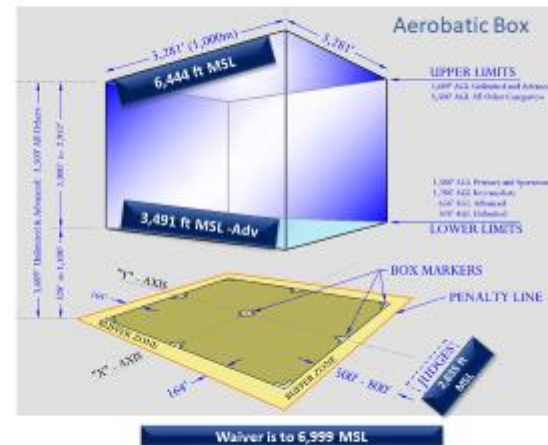
Runway 02 R – North Wind Flow

Departures takeoff and climb to 1200' AGL on runway heading
Box exit and descend to 1000' AGL before turning downwind
Prison Overflight is Prohibited



Advanced Category uses 656 ft/200 m AGL Floor
Box Upper Limit = 3,609ft/1100m AGL



HARD CEILING – 7,500 MSL in the OUTER CLASS B SHELF



CAUTION: CHECK YOUR ALTIMETERS IF WOUND DOWN TO 2,000: 7.5K = 6,665' & 7K = 6,165'

Contest Flight Specifics

- Contestants from Colorado, California, Las Vegas
- All categories of powered & 4 minute free
- Ops Temp was comfortably 6-7 pilots per hour
- Parachute operations impact were negligible
- Excellent support from Las Vegas TRACON
- Hotels – walking distance to Terrible's Casino to short drive into South Las Vegas
- Weather was ideal
 - Morning lows 45-50° F / 8-10°C
 - Afternoon highs 75° F / 24° C
 - Winds were high Thursday – good all other days

<div>  <div>Order of Flight Known - Flight 1</div>  </div>				
No.	Pilot	Category	Acft	Tail No.
1	Bob Freeman	Power Primary	Extra 300L	981KM
2	Brock Ohlson	Power Primary	ACA Super Decathlon	702NV
3	Britt Lincoln	Power Sportsman	ACA Super Decathlon	N59AC
4	Charles Riesselmann	Power Sportsman	Starduster 100	444MY
5	James Grenfell	Power Sportsman	Pitts Special S1S	N71AC
6	Jared Hulse	Power Sportsman	ACA Xtreme Decathlon 8KCAB	555XD
7	Eric Achen	Power Sportsman	Pitts S1S	N101HR
8	Vibeke Gaard	Power Sportsman	Extra 300L	N981KM
9	Nick Slabakov	Power Intermediate	ACA Xtreme Decathlon 8KCAB	N555XD
10	Susan Bell	Power Intermediate	Extra 300	N300XA
11	Barrett Hines	Power Advanced	Extra 300	N410WB
12	Duncan Koerbel	Power Advanced	Extra 300L	N981KM
13	Matthew Dunfee	Power Advanced	EA 330SC	N330MD
14	Bob Freeman	Power Unlimited	Extra 300L	N981KM
15	Dave Watson	Power Unlimited	Laser	N230DW

CONTEST HEADQUARTERS

Purpose Erected Air Conditioned Briefing & Contest
80 Person Capacity

Jean OL7 Contest Ramp Arrangement

Perfect October Weather: 68° - 80°F/ 20° - 27°C



Advance Bid Award & Fund Raising Will Allow for Mobilized Building & Hangars

IAC Chapter 12 - 2022 WAAC Championship Bid Deck FAI-CFAK Warsaw November 30-01, 2023



Contract will be Made with Local FBO's & Clear Span Structures for Facilities

IAC Chapter 12 - 2022 WAAC Championship Bid Package FAI-CFAK Primary Session November 30-01, 2023

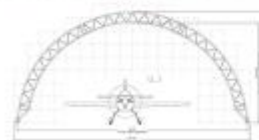
Team Tents & Group Tents – 40 Aircraft

Clear Span Structural Tents will be Installed



Illustration to scale for Team & Group Tents - Reveal Shown for Both Sizes – 40 aircraft

IAC Chapter 12 - 2022 WAAC Championship Bid Deck FAI-CFAK Warsaw November 30-01, 2023



- Team Tents are 35' x 45' 10.6m x 13.7m
- Easily hold 5 aircraft & tools
- Open structure allows for better ambient cooling
- Team rest and areas and tables
- Airport will have security during event

Fund Raising Will Allow for Mobilized Building & Hangars

IAC Chapter 12 - 2022 WAAC Championship Bid Package FAI-CFAK Primary Session November 30-01, 2023

Lessons Learned & Observations

- Contest proved out all necessary facets of contest
- Can easily accomplish 50 pilots in 10 days – potentially shorter
- Start early & keep everyone informed – Don't assume local organizations share info you have provided. Distribute to all from the organization committee
- Weather temperature and day light were excellent
- Insurance is straight forward – budget accordingly
- One sky diving aircraft at the site - focused on morning operations.
 - Excellent pilot coordination as well as ground ops
- IAC Chapter 12 box marker visibility in the desert was disappointing
 - CIVA markers are slightly larger – will experiment with different color than white
- Worked with TRACON for a 'protected box' up to 7,500 MSL
- Local FSDO was supportive – need to modify restriction of on operating at 667 ft. with train under the box
- Judges site will be 'upgraded' for 10 day contest with canopies, portable toilets etc.

Focus pivots to fund raising in 2020

WAAC Schedule – October 2022

7-11 October

- Official Training Days – Arrival – Registration

11 October - Tuesday

- Last Official Training Day
- Registration
- Opening Pilot Briefing
- Opening Ceremony and Celebration

12 -15 October

- Competition Days (four)

16 October - Sunday

- Break- Sight Seeing - Hoover Dam - Grand Canyon
Las Vegas - NFL Football (Schedule TBD)

17 - 21 October

- Competition Days (five)

22 October - Saturday

- Weather Day
- 4 minute free demos
- Awards & Closing Ceremony Celebration

23 October - Sunday

- Departures

OCTOBER						
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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					
2022						

Thank You