

# 2<sup>nd</sup> FAI World Cup of Wingsuit Flying

## Official Bulletin No. 2

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Hosted by:

United States Parachute Association & Skydive Fyrosity<sup>SM</sup> with Media Partner Skydive TV & Clark County Department of Aviation



Owned & Organized by:  
FAI / IPC



November 1-9, 2017 at  
Skydive Fyrosity<sup>SM</sup>  
1110 Airport Road, Overton NV 89040, USA  
+1-702-720-6250  
[www.SkydiveFyrosityLasVegas.com](http://www.SkydiveFyrosityLasVegas.com)

## **1. Event Officials**

- Meet Director – James Hayhurst
- FAI Controller – John Smyth
- Chief Judge – Buzz Bennett
- Judge - Yves Letourneur
- Judge - Bernard Nicolas
- Judge - Jami Pillasch
- Judge - Tamara Koyn
- Judge - Frank Mallabone
- Judge - Douglas Spotted Eagle

### **1.1. Technical & Scoring**

- Performance – Flysight & Paralog
- Acrobatic - Omniskore HD!

### **1.2. Jury**

2. International Jury Members:
  - Jury President – Dr. Rainer Exi Hoenle, Germany
  - Jury Member - Rina Gallo, Canada
  - Jury Member – Susan Dixon

## **2. Event Time Schedule**

***As approved at Plenary in Faro Portugal – Jan 2017, this time table is intended to start with Acrobatics, but it is at the discretion of the meet director to select which event will start based on weather conditions or any other reason the Meet Director finds necessary.***

***This also applies to the daily schedules given to the competitors the night before and at the competitor's briefing on Nov 2<sup>nd</sup>.***

### **2.1 - 2<sup>nd</sup> FAI World Cup of Wingsuit Flying Skydive Fyrosity<sup>SM</sup>, Overton NV USA, 2017 – Acrobatic Event**

- November 1 - Arrival of Judges, Arrival of Delegations, Check - In and Training jumps
- November 2 – Judges Conference, Arrival of Delegations, Training jumps, Opening Ceremonies – Time TBD, Competitor's Briefing & Draw, Wingsuit Markings at DZ, Cocktail Party & DZ
- COMPETITION EVENT # 1 – ACROBATIC FLYING
- November 3-4-5 – Competition Jumps - 6:30am Call time – 7am Wheels off Round 1 Acro – Last load to take of 45 min before Sunset
- COMPETITION EVENT # 2 - PERFORMANCE
- Nov 6-7-8 - Competition Jumps - 6:30am Call time – 7am Wheels off Round 1 Performance – Last load to take of 45 min before Sunset
- November 8 – Last load will take off at 4:00pm / 16:00. Event Closing Ceremony, Awards – both events, Banquet Dinner, Entertainment – Time TBD onsite,
- November 9 – Hotel Check out & Departure of Delegations

### **3. Aircraft and Exit Speeds**

Aircraft will be 1 x C-208 Caravan configured for skydiving with capacity of up to 12 jumpers. Exit speed will be 80 +/-5 knots. 1 x C-208 Caravan will be on standby 2 hours away in case of technical issues with any of the competition aircraft.

### **4. Training Dates (Prior to November 1)**

Training is available any time prior to the start of the competition on Nov 3<sup>rd</sup> 2017 for any teams or individual competitors who wish to train ahead of the competition by appointment. Skydive Fyrosity<sup>SM</sup> is expected to be open for business at least 5 days per week until the start of the competition and 7 days a week 1 week prior to the competition.

Requests for training periods should be forwarded to [hello@fyrosity.com](mailto:hello@fyrosity.com) with information regarding how many people, arrival dates, what days and numbers of jumps requested, or approximations thereof.

C-208 Caravan 13500' (4200m) will be \$26 (USD) each.

Add 4% to the prices if using a credit card.

3 Performance Training slots will be available on each Acro competition load Nov 3-4-5. Additional Training loads will be available to the Performance Competitors per meet director discretion will be available. If Acro ends early on Nov 5<sup>th</sup> the rest of the day will be available for Performance training.

### **5. RV Parks, Tent Camps**

There are limited RV Parks and Tent Camps in the area. All RV parks are 55 + communities and in some rare occasions will allow people under 55 to park an RV on their lots. There is FREE RV parking about 10 miles South of Overton on US 169, however there is no any hook ups there, no power, nothing. A list of RV Parks in the Overton area and within 25 miles of Skydive Fyrosity<sup>®</sup> is already on the Skydive Fyrosity's website at <http://www.skydivefyrositylasvegas.com/lodging/>.

A Tent Camp will be made available across the street from the Airport by Equus Ranch - <https://www.facebook.com/horseboardin/> This is a horse property, so we very kindly ask that you do not approach the horses as they get very easily scared and do not go to the west side of the property where the horses and the operations take place without approaching the owners FIRST! If anyone wants to do horseback riding – please arrange this with the owners first.

The property owners are Shaun & Jennifer Baldwin – please contact them via this Facebook link. <https://www.facebook.com/sjccjw.baldwin.3> They are fantastic family with 4 kids and are accommodating our needs as much as possible.

Please contact Jennifer directly via Facebook link provided above to arrange your stay at the Tent Camp.

## Prices

Competitors (must have coupon)

Tent - \$10 / day

Camper - \$15 / day

RV - \$20 / day

Non- Competitors

Tent - \$15 / day

Camper - \$20 / day

RV - \$25 / day

The Equus Ranch is PRIVATE PROPERTY. If you plan to stay there, please be respectful of the property and the property owners.

There are no hook ups of any kind. RVs will be permitted to be parked there, however there are no RV Hook ups.

## TENT CAMP RULES:

- Area for Skydive Fyrosity clients and guests only
- NO illegal drugs on private property allowed
- NO guns of any type
- Must be quiet after 10pm each eve and all day on Sunday
- Must NOT enter marked off areas
- Must sign waiver agreement
- Must remain clear of horses or other animals
- Must not go onto any other part of the property without being invited.

## FACILITY

- Area for Camping (Tent, Camper, RV) with no specifically assigned areas
- 2 x Portable Showers (Cold water only)
- Non Portable Water available
- 2 x Charcoal grills
- 2 x Porta Pots
- 1 x Fire Pit

# Annex # 3

## PIA Position Statement on Handles



### PIA - Position Statement

**To:** *Wingsuit Flyers & Manufacturers – FAI & World Parachute Organizations*

**Date:** *20 July 2017*

**Subject:** *Emergency Handles Relocation – TSO (or Foreign Equivalent) Violations*

**Equipment:** *Harness/Container Systems & Wingsuits – Combined Airworthiness*

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#### **Scope**

The evolution of advanced wingsuit designs are, in some cases, requiring the harness/container's (H/C) emergency handles (cutaway & reserve) be relocated from their standard harness location to special ripcord pockets built into the wingsuit. H/Cs are approved parachute components certified under Federal Aviation Administration (FAA) – Technical Standard Orders (TSO), to include foreign equivalent

authorizations as well. Modifications of this magnitude, including “handle extensions,” may alter the system's safety and performance capabilities.

#### **Background**

Recent aerodynamic improvements in wingsuit design are striving to create a more efficient frontal

surface to increase the suit's inflight performance. Several advanced wingsuits are specifically designed to cover the front of the harness (MLW and Chest Strap), including the emergency handles. These types of wingsuits may require the cutaway and reserve handles be removed from their ripcord pockets on the MLW and relocated to special pockets built into the front of the wingsuit. However, there are no documented testing standards in place to determine airworthiness of the H/C's emergency capabilities when the handles are moved to ripcord pockets on the wingsuit. Nor is it clear what level of testing is performed by wingsuit manufacturers prior to the sale of these wingsuits.

#### **Position Statement**

It is the collective opinion of the *Parachute Industry Association's Technical Committee (PIA-TC)* that modifications to relocate the emergency handles from the harness to ripcord pockets on the wingsuit are

“alterations” to the H/C's existing TSO (or foreign equivalent) authorizations, which requires H/C

manufacturer or FAA approval. Additionally, this approval should be based on demonstrated operational compatibility between a specific wingsuit and a specific harness/container, each identified by serial

number or equivalent. such alterations.

**Objective**

It is not the intent of PIA to stifle the development or innovation of future wingsuit designs, but rather to ensure these developments are properly tested for airworthiness in conjunction with the applicable H/C, thereby contributing to the continued growth and safety of wingsuit flight.

The *PIA Technical Committee* may produce\* an interface document outlining the testing protocol based upon sections of TS-135 applicable to testing the operational compatibility between a specific harness/container system and a specific wingsuit. (\* Subject to PIA-TC approval)

Any questions regarding this position statement should be directed to the *PIA Technical Committee*.

**PIA - Technical Committee - POC**

T.K. DONLE – Chair ([technicalchair@pia.com](mailto:technicalchair@pia.com))

NORMAN GIRDWOOD – Co-Chair

([norman@g7t.com](mailto:norman@g7t.com))