



AIR SHOW SOUND SUPPORT MANUAL

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Owner

Since 1969

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2018

Dear Air Show Organizer:

The following outline highlights the support requirements and fee structures of Continental Air Show Productions, (CASP) as well as our resources available to you and your show.

Requirements of Show

Motel/Hotel Rooms

The motel/hotel should be a **national chain** or equivalent and single occupancy non-smoking unless otherwise stated. The amount of equipment and/or services contracted for will dictate the number of required rooms. **To provide maximum show coordination CASP personnel prefer to be booked with military teams and civilian performers when possible. BOQ VIP rooms are also acceptable. If no rooms are provided by the show an additional fee will be added to the contract.**

Regular arrival/departure times of CASP/Contractor crews are normally *Wednesday* (PM) prior to the show date and *Monday* (AM) following the event.

Specific arrival/departure times will be determined with the individual Sponsors and CASP Crew Chief in initial phone interview/planning meeting. If an earlier arrival is required by the Sponsors, it must be established upon receipt of signed contract.

Crew Support

Performer credentials, food & beverage tickets, or other provisions for obtaining food, at show site should be provided for each crew member. These, along with invitations to social commitments should be included in the performer/participant packet(s). Each member of the CASP contractor crew should be provided a packet. Crew member names will be provided to the sponsor prior to the show date.

A supply of bottled water and ice must be provided and resupplied as needed to accommodate Performers, Air Boss, Announcer, FAA, and other guests who seek support/shelter at the CASP trailer throughout the show.

Courtesy Vehicles

1 medium sized sedan or van shall be available to CASP and the communications contractors upon arrival at the show site or the equivalent fee for renting may be applied to the contract price. Vehicle arrangements will be confirmed at the time of contracting. Vehicles will be returned to the show site upon departure or as soon as they are no longer required.

Utility Vehicle

1 utility golf cart or "mule" or "gator" shall be provided for use by CASP Crew to check speaker lines. This must be made available from noon on Thursday through the final day of the show.

Planning Considerations & Facility Support

We will primarily mount our speakers on crank up tripods. For crowd safety we request that the show site provide up to 100 filled sandbags and personnel to support the placement of these sandbags if weather conditions require. **(Normally not required unless sustained winds are above 25 mph or if we are setting up on pavement)**

The use of our three *Extreme High Power Super Long-Throw Community RSH 462 Speakers* requires that they be elevated to a minimum of 20' depending on the proximity to the crowd. These speakers reproduce the vocal range at high SPL (sound pressure level) and can cover 1,500' deep by 1,000' wide area of your ramp. Depending on your layout 1 or more articulated man lifts, scissor lifts, or hydraulic maintenance stands, provided by the show is required for placement of these speakers. Placement options include co-locating them or placing them in separate locations and utilizing our 5.8GHz remote hop equipment to provide them with a signal.

Two (2) volunteers, each being able to lift 65 lbs., to be available Thursday Morning and immediately at the end of the show on Sunday.

Continued on page 2

A porta john shall be placed next to the communications trailer for use by the communication crew/narrator (s) and Air Boss. This must be on the show side of the crowd line and be restricted to Performers, Air Boss, Announcer, FAA, and CASP Crew, but not for general public use.

A map/layout of the required coverage area and preliminary schedule MUST be submitted to the CASP office 60 days prior to the show date to allow for proper planning. Along with this map contact information for event POC (Point of Contact) should be verified. Event POC will be contacted by CASP Crew Chief to review the map and any additional requirements after receipt of the map and contact information. Please review the Facility Support and Planning Considerations sections of this manual when determining your ramp layout.

The CASP Air Show Sound System has been designed with the trailer being located at Show Center to provide maximum viewing angle for the Air Boss and Announcer, as well as to provide for optimum utilization of the speakers and associated wires.



**Trailer footprint =
40' Wide including Awning & Stairs
42' Long to provide working room**

The system has been designed for the trailer to be at show center with the speaker lines running to show left and right from that location with minimal line loss and to provide the Air Boss and Announcer with an 8' x 20' platform to work from nearly 10' above the crowd.

Wednesday Arrival & On Site Preparation

Upon arriving at your show, typically on Wednesday evening, the priorities are as follows:

1. Lodging for road crew- (Crew Chief may be arriving at a different time)
2. Please provide the road crew with their credentials at this time
3. Location of wash rack for first thing Thursday morning- We'll need to wash the trailer before putting it in the middle of the show. (We do not fit in commercial auto washes and will need a location similar to a fire station wash rack or a tactical vehicle wash rack.)
4. **Confirmation of time when the ramp is available on Thursday for set-up (preferably 0800 Local) and when your show line barricade will be placed.- If you have the Blue Angels we will need to set up from 8-12 on Thursday to meet their required time-line!**
5. Courtesy Car pick up time and location confirmation
6. Golf Cart or Utility Cart pick up time and location confirmation
7. Updates on any changes in POC List or show details.

Thursday Ramp Set Up

To insure adequate time to set and tune the system prior to the jet teams or other ramp restrictions being imposed it is vital that we be given the opportunity to work on the ramp by 0800 Local on Thursday.



2018

Generators and Fuel

The air show shall provide 15-20 gallons of Regular Unleaded gas for the CASP generators at show site for the average 2 day show (or additional funds added to final check). Additional fuel will be required for night shows. 38 gallons of road diesel fuel (not "Red" diesel) or cash equivalency (or additional funds added to final check) shall be provided by the air show. CASP provides its own power generation, but shore power is acceptable if the electrical power source (120V) is provided is and it has a 30 amp receptacle.

Contract Terms

A 25% deposit and signed contract are required at least 90 days prior to the show date. If the show is cancelled prior to the originally scheduled date, the deposit will be forfeited. If your show is cancelled less than 7 days of CASP scheduled arrival the total contracted fee is due. If the show is cancelled on the show date(s) due to weather or other adverse conditions the total contracted fee is due prior to CASP's departure from the show site.

All PA equipment will be set up and operated by CASP contracted crews and will be under the supervision of a veteran Crew Chief.

The standard booking fee is based on a Saturday/Sunday show period with a press or practice period on Friday and with the show meeting the lodging and other support items outlined in this manual. If the show is not providing these items adjustments to the base fee will be applied. Additional show periods requiring PA support including night shows and fireworks displays may require an increase in the contracted fee.

Music Licensing

Show sponsors are required to obtain BMI, ASCAP, and SESAC music licensing for their show.

Insurance

Continental Air Show Productions carries a 2 Million Dollar General Liability policy covering the use of the equipment on the show site.

A proof of insurance certificate will be sent to the air show sponsor upon request. The sponsor will pay the additional cost incurred for requesting to be named on the policy.

CASP Equipment Provided

CASP provides a full service communications trailer which includes a PA system capable of up to 6,000 feet of show line coverage. This unit carries 15,000+ watts of amplification, 24 Community R.25 All Weather Full Range VIP & Chalet speakers, 6 R.35 All Weather Full Range VIP & Chalet Speakers, 36 Community R.5HP All Weather Full Range Speakers, 3 Super Long-Throw Speakers, CD player, 16 Channel mixing board, wired & wireless microphones, and support equipment. Air to Ground & PA/Cockpit interface radios are incorporated into the PA system. This unit is equipped with 2 ICOM VHF radios David Clark Intercom and aviation headsets. We also carry several ICOM aviation band handheld radios.

CASP was first in the industry to provide the ability to provide sound coverage in areas behind the crowd or other remote areas, utilizing our **THREE** 5.8 GHz Wireless hop systems. CASP also carries a low power FM transmitter and antenna for broadcasting your show on the ramp area. Low power FM is limited to space in the local FM band and is governed by the FCC.

CASP Contract Crews

The CASP Contracted Crews are all veterans of various production professions and share the same vision as you the show sponsor which is to produce an outstanding air show. They are "can do" oriented, problem solving professionals that you can count on to make your show fabulous. Your assistance in providing information and resources in a timely manner will aid them in providing the best solutions to your show's individual needs. For best results feed and water the crew regularly!

CASP Sponsor Recognition

CASP has equipment sponsorship requirements that require us to play 2 60 seconds sponsor spots two to three times per day. CASP will work with announcer and Sponsorship Chairman to determine best times. These spots can be provided to the Sponsorship Chairman prior to the event if required.



2018

Point of Contact List

Please complete or go online and download our fill in the blank version and E-mail it to dar@continentalairshows.com & dave@continentalairshows.com

Show Name & Date

Name: _____ Date _____

City: _____ State: _____

Base or FBO Name: _____

Web Site: _____

Show Liaison

Name: _____ Rank _____

Primary Phone: _____

Secondary Phone: _____

E-Mail _____

Lodging Liaison

Name: _____ Rank _____

Primary Phone: _____

Secondary Phone: _____

E-Mail _____

Hotel name or Building Number: _____

Transportation Liaison

Name: _____ Rank _____

Primary Phone: _____

Secondary Phone: _____

E-Mail _____

Pick up Location: _____ Time: _____

Air Boss

Name: _____ Rank _____

Primary Phone: _____

Secondary Phone: _____

E-Mail _____

Announcer

Name: _____ Rank _____

Primary Phone: _____

Secondary Phone: _____

E-Mail _____

Please E-Mail any other information including social event details along with this sheet.