



AIR SHOW SOUND SUPPORT MANUAL

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DAVE OLMSTEAD
Owner

2025

Continental Air Show Productions, LLC (CASP) a division of Behind The Scenes Productions, LLC requires adherence to the items listed in this the 2025 edition of our Support Manual as a supplemental document to the 2025 Air Show Sound and Production Contract between CASP and _____ representing _____.

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 or Travel Fee

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 & equipment safety **we will require up to 52 60# filled sandbags or sand tubes** (Available at Lowe's & Home Depot) and personnel to support the placement of these sandbags.



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.

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Planning Considerations & Facility Support cont'd

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.

Show Center Placement & Important Safety Issues

The CASP Air Show Sound Systems has been designed with the Trailer/Van 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. A 13' safety gap between the speaker stands and crowd line is required. The speakers weigh 100# and are 13' overhead. Due to the nature of outdoor events and the addition of jet/prop wash this safety buffer is a must!

“Big Rig” Trailer Based Operating Footprint 40' x 40'



“Compact Rig” Van Based Operating Footprint 25' x 25'



The both systems have been designed for the vehicle to be at show center with the speaker lines running to show left and right from that location with minimal line loss. The Big Rig provides 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. Minimum clearance 10' for trailer 9' for van)
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 is paramount to your show success!

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.



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The air show shall provide 15-20 gallons of Regular Unleaded gas for the CASP generators at the show site for the average 2 day show (or additional funds added to final check). Additional fuel will be required for night shows. Due to the extreme volatility of the fuel and travel markets, since 2022 CASP has adopted a Mileage/Transportation Calculation model going forward. At the time of contracting the MTC will be computed including gallons of fuel required, travel hotel nights, airfare, and other travel related expenses to provide your show with professional crews and excellent equipment. All milage is based on roundtrip from home station. 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.

A 25% deposit and signed contract are required at least 90 days prior to the show date, but until the deposit is received CASP reserves the right to accept another contract if the other organization is willing to pay the deposit at time of contracting. CASP will contact first organization and request immediate deposit payment should this issue arise. 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.

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

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 any additional cost incurred for requesting to be named on the policy.

CASP provides one of two full service production vehicles which includes all-weather PA systems. These units can carry multiple different types of Community Professional Loudspeaker R Series and JBL powered speakers, CD player, mixing boards, processing equipment, wired & wireless microphones, and additional support equipment. Air to Ground & PA/Cockpit interface radios are incorporated into each PA system. These units are equipped with air boss radios and aviation headsets. We also carry several ICOM aviation band handheld radios. The exact make up of your system will be determined by CASP based on your ramp layout. The more detail you provide in the layout map will enable us to better serve your event. 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.

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 your production crew regularly!

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.

2025

Generators and Mileage/Transportation Calculation

Contract Terms

Music Licensing

Insurance

CASP Equipment Provided

CASP Contract Crews

CASP Sponsor Recognition



2025

Point of Contact List

Show Name & Date

Please complete or go online and download our fill in the blank version and E-mail it to

dave@continentalairshows.com

Air Show: _____

Dates: _____ to _____

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.