

# Jasper County Airport Commission

Commission Agenda  
Jasper County Clementa C. Pinckney Government Bldg.  
358 3<sup>rd</sup> Avenue, Ridgeland, SC 29936  
Wednesday, September 11, 2024, at 6PM

## **AGENDA**

### **6:00PM**

#### 1. Call to order and roll call

Clerk's report of compliance with the freedom of information act. In compliance with the freedom of information act, notice of meeting and agenda were posted and furnished to all news media and persons requesting notification.

#### 2. Staff Reports

- Fuel and AWOS Systems Status
- Fuel Trucks RFP Status
- Fuel Flowage Report
- Terminal South Redevelopment RFP
- Instrument Landing System

#### 3. FY 24/25 Budget – Proposed vs Adopted

#### 4. Capital Projects – Status Update

#### 5. Workshop Follow-up – Hangar Leases

#### 6. Airport Commission Duties

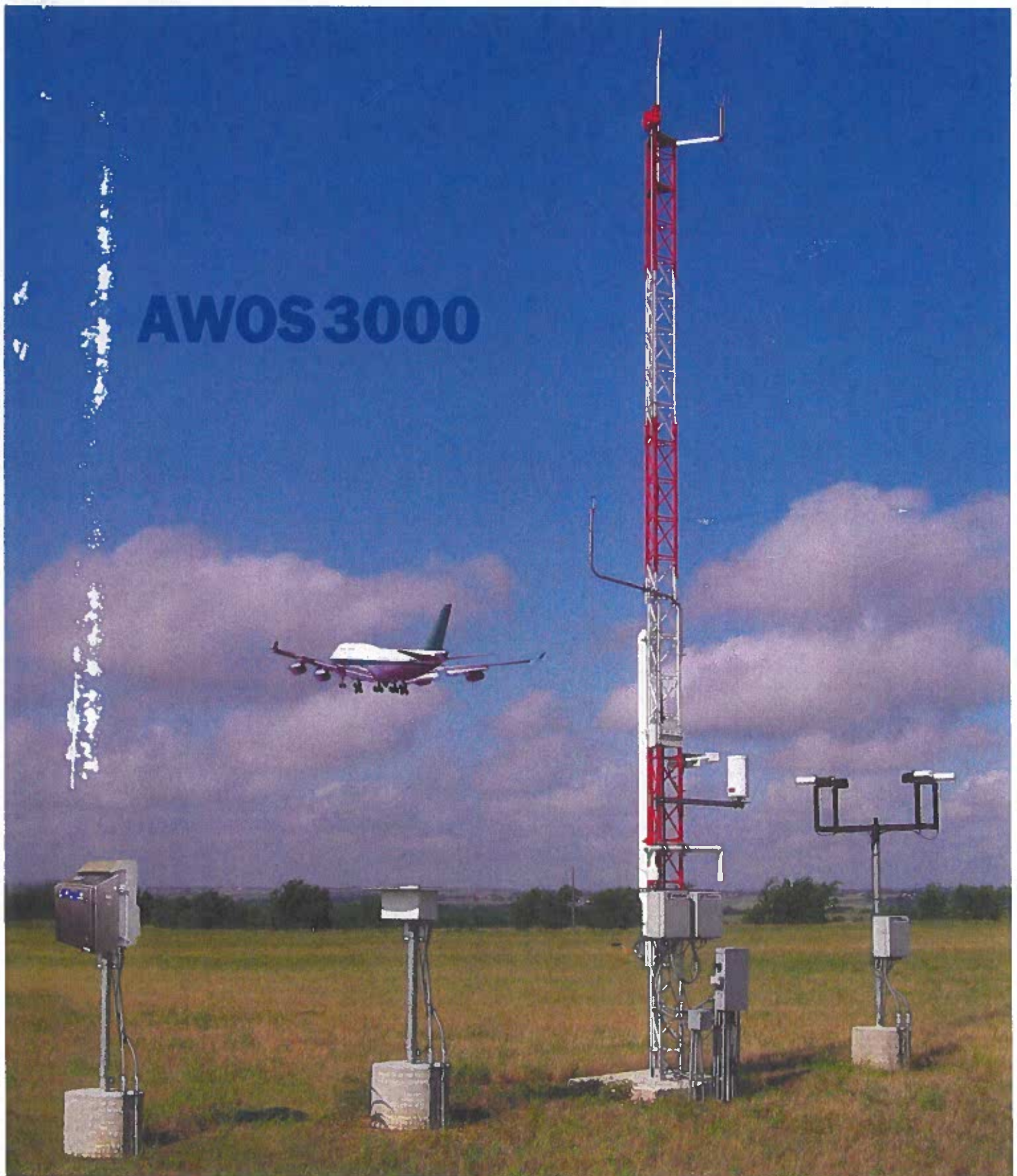
#### 7. Public Comments (limited to 3 minutes each)

#### 8. Commission Members Questions Comments

#### 9. Adjournment

# All Weather Inc

## Automated Weather Observing System



**AWOS3000**

# AWOS

## The AWI AWOS Solution

All Weather, Inc.'s AWOS 3000, the latest in a long line of FAA certified AWOS systems, provides accurate and up to date weather information that is essential to the safe and economic operation of any airfield, large or small.

Few things change faster than the weather and All Weather Inc's AWOS system provides the power and versatility necessary to stay on top of those changes providing valuable weather data for VFR or IFR flights allowing more take-offs and landing from your airport helping to provide maximum revenue.

All Weather Inc's AWOS 3000 is truly responsive to the unique needs of every airfield.

## Multiple Views

Select from three display views, each geared toward a specific type of user. Tower View (as shown on this page), Diagnostics View (multiple pages depicting all system status) and Archive View (providing access to all stored data logs).

## Menu Driven With Ease

The top of each screen hosts various menu items. These lists allow for complete system configuration, user authorizations, entering manual observations, generating default and custom reports, manipulating alarms and a multitude of other functions providing complete control of your AWOS system.

## Data Availability

The Model 3000 is Federal Aviation Administration (FAA) certified, meeting all the regulatory requirements of Advisory Circular (AC) 150/5220-16D, including interfaces to the National Airspace Data Interchange Network (NADIN) and The AWOS Data Acquisition System (ADAS). These services are operated by the FAA to provide information for flight service stations, commercial airports, pilot briefings, National Weather Service forecasting and other weather services.



## AWOS3000 Central Data Processor (CDP)

### Functionality

- Complete AVIATION Weather Display System
- Scaleable from AWOS I to AWOS IIIPTZ
- Ability to Enter Manual Observations
- Various Customizable Configurations
- METAR, NADIN, ADAS and ATIS interfaces/reporting
- Voice Output - speakers, GTA radio, dial-up
- Data Archiving - All Weather data, status's, METARS, etc.
- Remote Display Connectivity
- Internet Display Option
- Multiple Operational Output Modes (Mode 1 - Mode 4)
- Printer Connections
- KVM Extension Available



# 3000



**AWOS I**

Wind Speed, Wind Gust, Wind Direction, Variable Wind Direction, Temperature, Dew Point, Altimeter Setting, Density Altitude, Complete Data Logs (including METAR) and Voiced Output

**AWOS II (AWOS AV)**

Same as AWOS I + Visibility, Variable Visibility, Precipitation and Day/Night.

**AWOS III**

Same as AWOS II + Cloud Height and Sky Condition

**AWOS IIIP**

Same as AWOS III + Present Weather, Precipitation Type.

**AWOS IIIT**

Same as AWOS III + Lightning Location Identification.

**AWOS IIIPT**

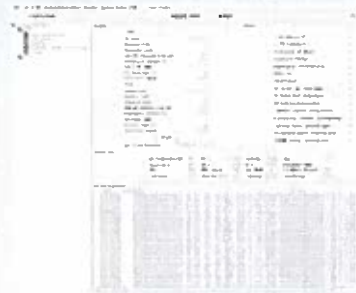
Same as AWOS III + Present Weather, Precipitation Type and Lightning Location

**AWOS IIPTZ**

Same as AWOS IIIPT + Freezing Rain Identification.

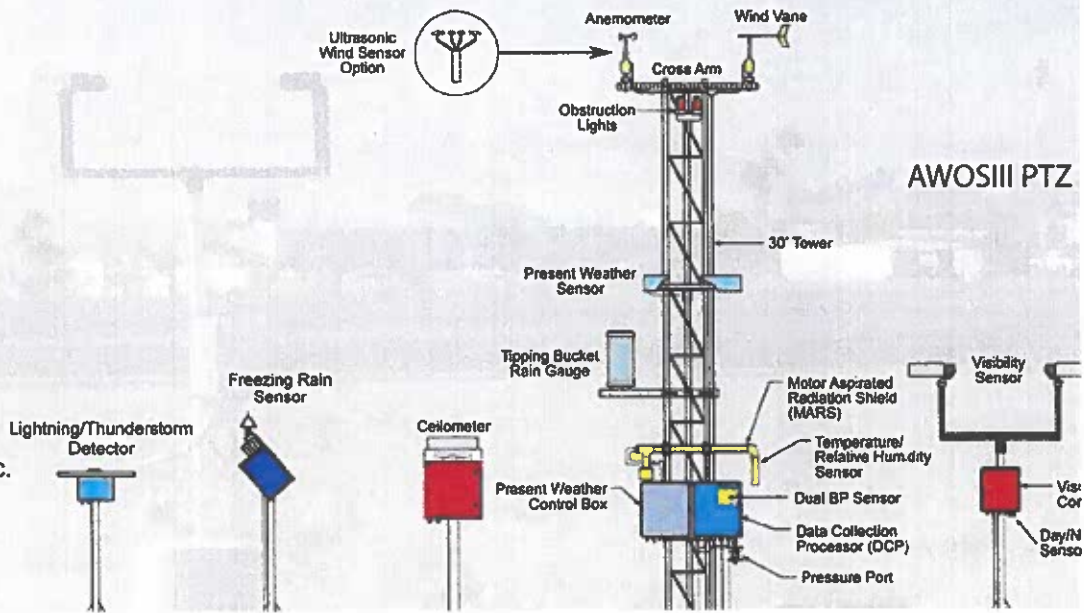


The Diagnostic Display is used by maintenance personnel to maintain and troubleshoot the system. This display provides a comprehensive view of system and sensor status.



Stacked and Fold Over Towers Available.

All AWI AWOS 3000 systems, including the predecessor 900 series, are built with the same high quality you would expect from All Weather, Inc. All systems and sensors meet or exceed the requirements of the FAA as well as the requirements of the







# AWOS 3000

### Versatile Voice Output

The voice server is installed in the CDP together with a microphone that allows input of 2 voice remarks, each up to 90 seconds in duration. These NOTAM (Notice To Airmen) messages are automatically broadcast with the synthesized data from the AWOS. The voice message can be heard over VHF radio, NDB, or VOR, as well as over telephone lines for dial-up access. The AWOS 3000 also supports a system printer for report generation, error message reporting and printing of archived data.

### Remote Maintenance Monitoring

All Weather Inc.'s AWOS 3000 systems have full Remote Maintenance Monitoring (RMM) capabilities. Allowing remote access by authorized personnel to check system status, check/set various configuration items and download a variety of status logs. This feature aids in quickly monitoring a system for troubleshooting and maintenance so that your system remains fully operational providing valuable weather information to pilots and airport personnel when they need it.

### Built-In Security

Access to AWOS 3000 data and to configuration options is fully controllable by a single Administrator. The Administrator can control in detail the level of access and control available to all users. Unwanted access is prevented through the use of encrypted passwords and multi-level security.



AWOS 3000 Sample Screen

As a result of All Weather Inc's vast experience with AWOS, FAA and the NWS, we have produced the latest, state of the art AWOS systems and have installed them all across the United States, from the Arctic Circle in Alaska to the deserts of Arizona, to the Everglades of Florida. The All Weather Inc AWOS 3000 system continually provides accurate and reliable weather data in compliance with FAA Advisory Circular (AC) 150/5220-16.

### Easy Installation / Maintenance

All Weather Inc.'s AWOS 3000 system is simple and inexpensive to install and maintain. We provide an easy to follow site preparation guide to ensure an error free installation.

With modularity and automated built-in diagnostics, system maintenance and fault checking is a snap. The diagnostics software immediately reports problems and notifies users/technicians with the exact cause, thus streamlining maintenance and keeping your system running longer.



Serving Off Shore Platforms around the world



Fax: 916 928-1165  
Web: [www.allweatherinc.com](http://www.allweatherinc.com)  
Email: [marketing@allweatherinc.com](mailto:marketing@allweatherinc.com)

**916-928-1000**  
In U.S. 1-800-824-5873



# Ultrasonic Wind Sensor Model 2040/2041 Series

## Overview

The AWI Model 2040/2041 series ultrasonic wind sensors are robust, lightweight, corrosion-resistant, and have no moving parts. They output wind speed and direction. The wind speed units, output rate and data formats are all user-selectable.

The wind sensors are available with or without de-icing heating (recommended when icing is likely).

The wind sensors can be used in conjunction with a PC, and integrate the raw data to a data logger for pre-processing and/or transmission to other devices, provided it is compatible with the RS-422 output. Multiple units can be networked as required.

The output message format can be configured in Polar, UV (2-axis), and NMEA (0183 version 3) formats, and as either a Continuous output or Polled (requested by host system).

The wind sensors are configured using standard communications software on a PC.



- Virtually Maintenance Free
- No On-Site Calibration Needed
- Great Solution for Extreme Weather Conditions
- FAA Certified
- ICAO/WMO Compliant

## ORDERING INFO

The following Ultrasonic Wind Sensor models are available. Models with a cable have the specified cable length attached through a gland to the electronics in the wind sensor. Select a cable from the Accessories for models with a connector; cable lengths from 10 to 30 m are available. Connectorized versions allow for replacement of the wind sensor without having to reinstall a new wind sensor and cable.

Model	Description	Cable	Connector	Unheated	Heated	High Heat
2040	With 10 m cable	10 m		X		
2040C	With connector		X	X		
2040H	Heated, with 10 m cable	10 m			X	
2040HC	Heated, with connector		X		X	
2040HH	High Heat, with 10 m cable	10 m				X
2040HHC	High Heat, with connector		X			X
2040L	With 15 m cable	15 m		X		
2040HL	Heated, with 15 m cable	15 m			X	
2041C	Wind speed to 75 m/s, w/ connector		X			
2041HH	Wind speed to 75 m/s, w/ cable	10 m				X

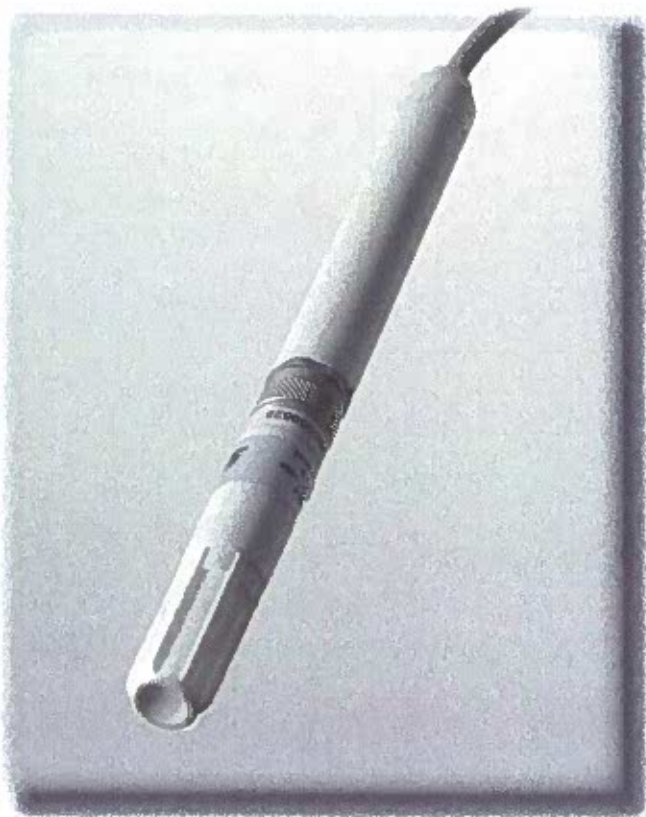
SENSORS





**allweatherinc**

# Temp/Humidity Probe Model 5190



## Overview

The Model 5190-F Temperature/Humidity Probe is designed for a variety of environmental monitoring applications, including All Weather Inc.'s Automated Weather Observing Systems (AWOS). The 5190-F operates with a DC supply voltage and has a low current draw. Relative humidity is measured with a thin-film capacitor sensor, and temperature is measured using a Pt100 RTD with an accuracy of  $\pm 0.1^{\circ}\text{C}$ . The signals from the sensors are converted into two linearized voltage output signals.

Parameter	Output Voltage	Range
RH	0-1.0 V DC	0-100% RH
Temperature	0-1.0 V DC	-40°C to +60°C

The Model 5190 is Federal Aviation Administration (FAA) certified, meeting all of the most current regulatory requirements.

SENSORS



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## Present Weather & Visibility Model 6498



- High Performance
- Cost Effective
- Accurate
- Low Maintenance

### OVERVIEW

The Model 6498 is an infrared forward scatter visibility and present weather sensor that can be used in stand alone applications, or with an automated weather station. The economical design, precise data, and power saving features make the 6498 ideal for most applications.

### Accuracy by Design

The Model 6498 applies well established forward scatter technology for visibility measurement, utilising a 42° scatter angle to obtain the most accurate estimates of Meteorological Observable Range (MOR) for fog and snow. It identifies precipitation particles from their scattering properties and fall speeds, and combines this with a temperature measurement to identify the weather type. The Model 6498's downward pointing optics reduce the risk of

contamination and blockage from snow build-up while also minimizing the risk that flow distortion or heat will cause interference between the sample volume and the sensor.

The Model 6498 provides reliable present weather information in the form of SYNOP codes, including information on the intensity of precipitation. Accumulation can also be reported.

This cutting edge sensor uses continuous high speed sampling to reduce errors during mixed weather events and events that return intermittent signals such as rain and hail, while still providing reliable readings during more stable events such as fog and mist. The Model 6498 has high immunity to interference from the visible and infra-red warning lights used to mark obstructions such as wind turbines.

The sensor can be set to a lower sampling frequency to save power, if required. The Model 6498 incorporates low power dew prevention heaters as well as higher power anti-icing heaters for the hoods as standard. These heaters are automatically controlled to ensure operation in all weather or can be disabled to save power. The Model 6498 continuously monitors its own status and will report internal faults and contamination or blockage of the sensor lenses. It also has two user configurable alarm outputs which can be used to drive audio or visual alarms.

Temperature and relative humidity sensors can be fitted to the Model 6498, providing improved performance in identifying precipitation, and allowing relative humidity information to be transmitted.

SENSORS





# Thunderstorm Detector Model 6500

## Thunderstorm Detection Up To 200 nautical miles

The Model 6500 Thunderstorm Detector detects electrical discharges associated with thunderstorms within a 200 nautical mile radius of the system. The Model 6500 is a passive sensor that listens for electromagnetic signals with a receiving antenna. There is no transmitter, and so no harmful transmissions.

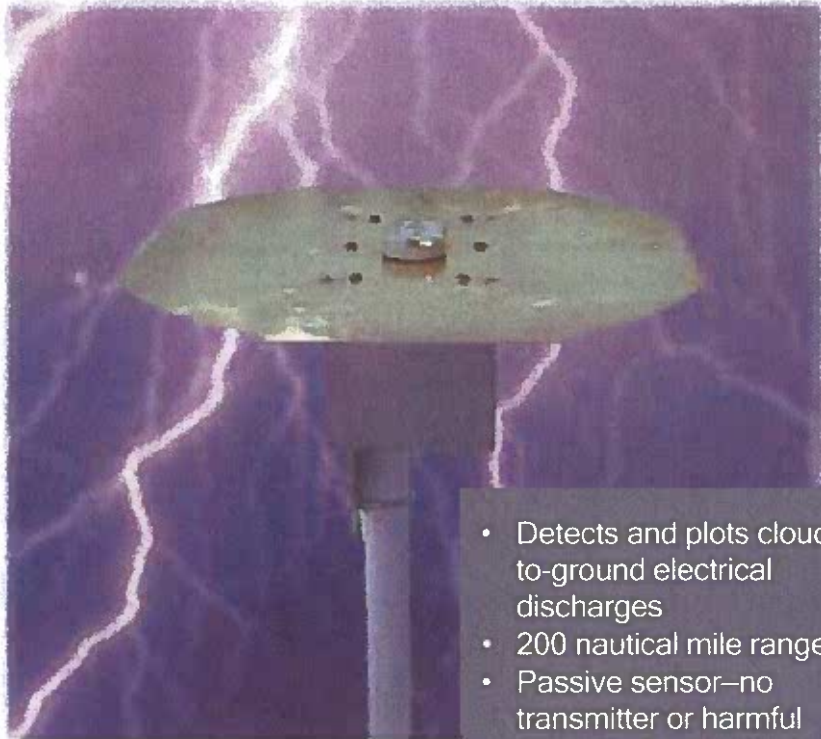
Consisting of an antenna mounted to a 28" x 32" ground plane and a processor housed in a NEMA 4X enclosure, the entire package mounts simply to a 2½" pipe (2.875" O.D.) using two U-bolts.

## High Sensitivity Antenna

The Model 6500's antenna is a combined crossed-loop and sense antenna, which can correlate the electric and magnetic signatures of lightning strikes better than other systems due to its patented sense channel technology. The antenna has been designed to help filter out pulsed noise from sources other than atmospheric electrical discharges.

## On-Board Processor

The Model 6500's processor houses the data acquisition circuitry, along with circuitry to process strike data and communicate with the AWOS Data Collection Platform (DCP). Communication with the DCP is via an RS-485 link.



## Dependable Lightning Data

The Model 6500's antenna detects the electrical and magnetic fields generated by cloud-to-ground electrical discharges that occur within a 200 nautical mile radius of the antenna, and sends the resulting 'discharge signals' to the processor. The processor digitizes, analyzes, and converts the discharge signals into range and bearing data, then stores the data in memory.

The DCP polls the sensor every two seconds via a 2-wire RS-485 link. When polled, the sensor transmits a data package consisting of strike data and status information. When errors are detected, a command can be sent from the DCP requesting a complete error log from the sensor. This error log provides greater detail on the nature and severity of the error.

- Detects and plots cloud-to-ground electrical discharges
- 200 nautical mile range
- Passive sensor—no transmitter or harmful transmissions
- Built-in, ongoing self-tests
- Status information sent at regular intervals to assure proper sensor operation

SENSORS



**allweatherinc**

# Digital Barometer 7150 Series

## OVERVIEW

The 7150 Series of digital barometers, manufactured by AWI, is designed to provide accurate pressure measurement over a wide range of environmental temperatures and pressures. The fully compensated digital barometer is ideal for use in demanding automated weather station applications.

The barometers use pressure transducers with silicon peizoresistive absolute pressure sensors. The pressure sensors display low hysteresis, superior repeatability characteristics, low temperature dependence, and superior long-term stability. The durability of the pressure transducers is outstanding.

The digital barometers communicate using full-duplex RS-232 and half-duplex RS-485 serial protocols. Both the RS-232 and the RS-485 serial ports are available on the DB9 serial interface. Only one communication protocol is normally used at one time.

The Model 7150 Barometer is Federal Aviation Administration (FAA) certified, meeting or exceeding the most current regulatory requirements.

The 7150 Series of digital barometers is traceable to National Institute of Standards and Technology (NIST) in the United States.



## MODELS

Three models are offered based on the number of pressure transducers in the digital barometer. Additional pressure transducers allow for operational redundancy, and can be used to flag the digital barometer for maintenance or replacement if the difference in readings between transducers exceeds a predefined amount.

Model Number	Number of Transducers
7150	2
7150-A	3
7150-B	1

\* An additional model is available for non-certified system configurations, which will allow for pressure measurements down to 50 hPa. Please ask your AWI sales representative for more information.

SENSORS





# Laser Ceilometer Model 8339

**allweatherinc**

## Overview

The 8339 Laser Ceilometer, manufactured by AWI, measures cloud heights and thicknesses, in addition to vertical visibility, detecting up to four cloud layers simultaneously to a distance of 25,000 vertical feet. Its precision makes it ideal for applications requiring the highest in performance and reliability, such as aviation and meteorological studies.

A laser pulse is emitted into the atmosphere and its backscatter is analyzed. The altitude of each cloud base and top can then be determined. Because some clouds have poorly defined borders or a sparse composition, their altitudes are much more difficult to measure. Depending on the current and historical sky conditions, an adaptive algorithm determines the number of returns needed to maintain accuracy.

## Accuracy by Design

The accurate measurement of cloud heights and thicknesses in all weather conditions, including heavy precipitation and low clouds, can be subject to serious errors in other ceilometers. Proprietary algorithms and digital techniques from 20 years of cloud detection research and manufacturing are applied to the 8339 ceilometer, allowing it to provide accurate information even in difficult circumstances.

In addition, the 8339 ceilometer is Federal Aviation Administration (FAA) certified, meeting all of the most current regulatory requirements.

## Long Life

Sensing circuits and optimization algorithms control the pulse frequency,

output power and temperature of the laser itself in order to dramatically extend its life.

## Extensive Self-Diagnostics

An array of self-tests executed in the background during operation detects faults and reports then, along with identifying the replaceable module associated with the fault. Errors are reported both visibly in the sensor and electronically through the output string.

## Designed by Our Customers

Quickly diagnosing a failed module is only one part of quickly restoring operational readiness. The serviceable design of the 8339 was influenced by our customers. Their input was used to engineer the package

and configuration of "Line Replacement Units," so that repairs can be accomplished in 30 minutes or less.

In addition, the 8339 is enclosed in a NEMA 4X stainless steel package that will stand up to the harshest environmental conditions. From corrosive marine air to blowing desert sand, the 8339 is designed to last.

## Solid Reputation

Over the years, AWI has developed a reputation for accuracy and reliability, and is the preferred development partner of the FAA. In addition to supplying over 1,800 ASOS, AWOS and AWSS systems to the FAA, NWS, and Department of Defense, our solutions also meet the stringent requirements of international standards organizations around the world, including the ICAO, WMO, and Transport Canada.



SENSORS

## Danny Lucas

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**From:** Danny Lucas  
**Sent:** Tuesday, July 23, 2024 9:12 AM  
**To:** 'divinityplus1@aol.com'  
**Cc:** Ryan Campbell; Russell Wells  
**Subject:** RE: Hanger space Lot #B-3

Earl,  
I have received your letter of intent to construct a hangar at the Ridgeland Airport along with information from Titan Steel Structures.  
Your letter speaks of 50 x 50 or 40 x 60 commercial grade hangar. Will this hangar be used for commercial purposes, or will it be used for personal storage of your aircraft?  
Lease and building criteria will be different based upon the use of the hangar. If the use changes, a new lease and building inspection will be required.

Also contact Ryan, Jasper County Building Official, to determine what will be needed for the plan submittal and eventual building inspection process. It would be best to establish the dimensions of the hangar and invite Mr. Campbell out to the site so that he may advise you as to whether fire walls, etc. will be required.

Ryan Campbell  
[rcambell@jaspercountysc.gov](mailto:rcambell@jaspercountysc.gov)  
(843) 717 - 3650

Danny Lucas  
Airport Manager  
Ridgeland – Claude Dean Airport  
PO Box 653  
1765 Grays Hwy.  
Ridgeland, SC 29936  
(843) 547 - 8380  
(843) 929 - 4159



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**From:** divinityplus1@aol.com <divinityplus1@aol.com>  
**Sent:** Thursday, July 18, 2024 2:54 PM  
**To:** Danny Lucas <dylucas@jaspercountysc.gov>  
**Cc:** Leonard Sansone <lsansone@jaspercountysc.gov>  
**Subject:** Hanger space Lot #B-3

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Please see attachment letter, thanks Earl White



Divinity Contractors

July 17, 2024

C/O Earl L. White  
151 Battery pointe  
Ridgeland, SC 29936

To:

Danny Lucas  
Airport Manager  
1765 Grays Hwy  
Ridgeland, SC 29936

Mr. Lucas, I would like to lease some space at the Ridgeland – Claude Dean Airport to construct a hanger for storage of an airplane. The area or lot that I would like to lease is identify as Lot # B3 and it have an old lean too shed on it now. I would like the space to accommodate a 50 X 50 or a 40 X 60 commercial grade hanger. ( see attachments ). I also understand that this Hanger must meet all local and state code requirements . I also understand that this project must be approve and inspected by local building officials.

Please respond as soon as you can , Thank you , Earl White [ 843-226-0501 ]

# Titan Steel Structures Spec Sheet

From: David Crescenzo (dcrescenzo@titansteelstructures.com)

To: divinityplus1@aol.com

Date: Tuesday, July 2, 2024 at 05:47 PM EDT



## Titan Steel Structures

*When quality and customer service matter, choose Titan*

Date: Jul 2, 2024

## Spec Sheet

### **CUSTOMER INFORMATION**

<b>Name</b>		<b>Phone Number</b>	
Earl White		(843) 226-0501	
<b>Building Address</b>		<b>City</b>	
TBD		Ridgeland	
<b>County</b>	<b>State</b>	<b>Zip</b>	
TBD	SC	29936	

### **BUILDING SPECIFICATIONS**

<b>Width</b>	<b>Length</b>	<b>Height</b>	
50	56	16	
<b>Roof Pitch</b>	<b>Slope</b>	<b>Doors</b>	<b>Windows</b>
2/12	Gable	N/A	TBD



**Openings**

(1) 40'x12'  
(1) 3'4"x7'2"

\*Openings TBD and can be adjusted

Panels	Gauge	Color
PBR Roof:	26	Galvalume
PBR Walls:	26	TBD

**DESIGN LOADS**

Wind	Snow	Building Code
140 mph	5 psf	IBC 2021

Collateral Load	Live Load	Exposure
1 psf	20 psf	C

**INCLUDED WITH BUILDING**

- Structural I-Beams-
- X bracing in roof and walls-
- All fasteners come with a lifetime warranty against rust-
- 3 sets of stamped engineered blueprints including anchor bolt locations and erection manual-
- Dedicated Project Manager-

**PRICING**

Your building will be engineered and designed to your specifications and delivered to your job-site in TBD County, SC for \$ 74,420.00.

A deposit of \$ 20,800.00 is due now with 50% of balance due when building is released into final fabrication. The remaining balance is due on delivery.

*\*This Price is only valid while existing inventory remains in stock*

**David Crescenzo**  
**Building Services**  
**Titan Steel Structures**  
**1-888-807-6006**  
[www.titansteelstructures.com](http://www.titansteelstructures.com)



RLake Hangar 55x55x18 Front.jpg  
1.9MB



RLake Hangar 55x55x18 9.jpg  
592.7kB

## Danny Lucas

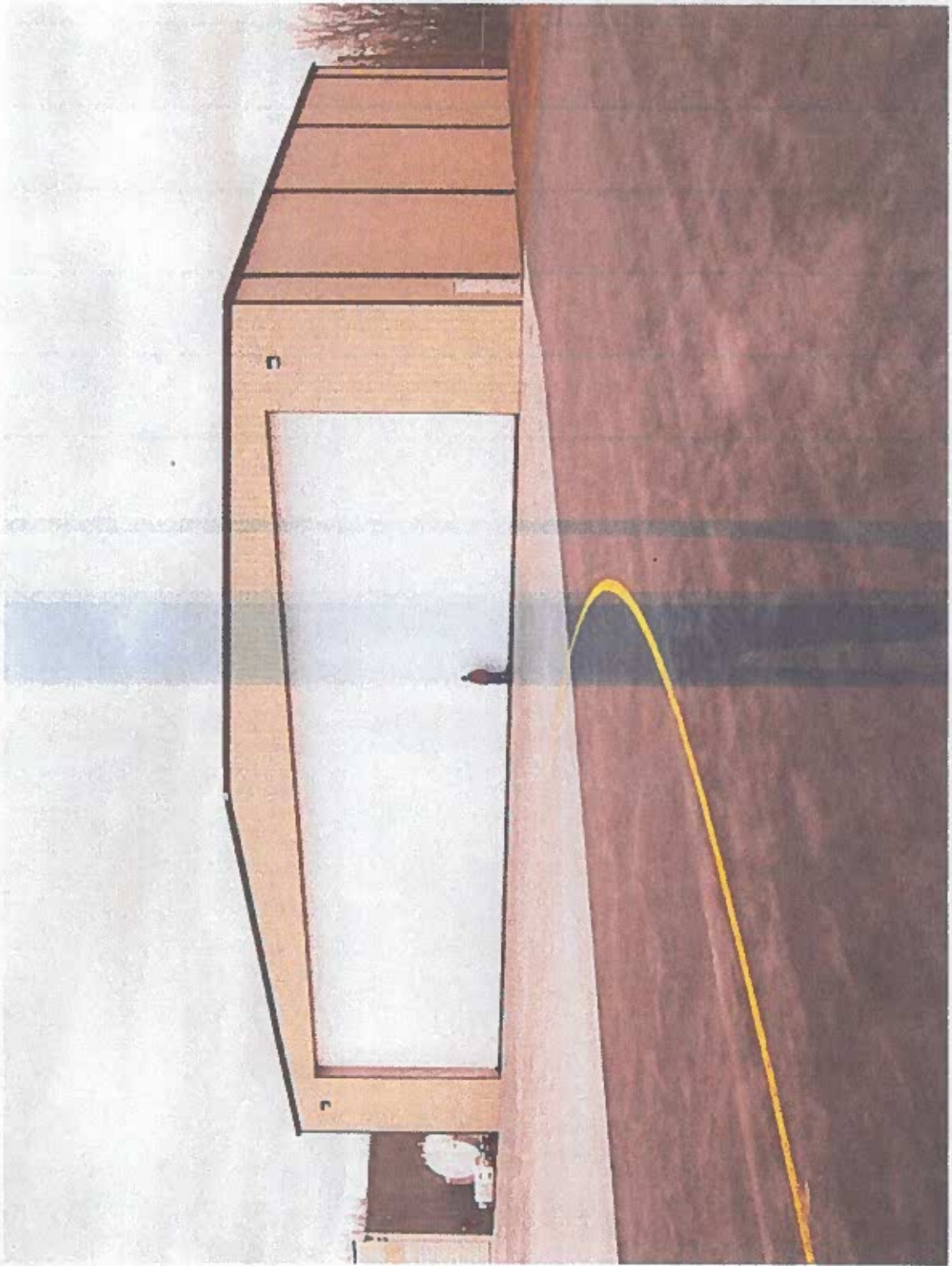
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**Cc:** Leonard Sansone  
**Subject:** Hanger space Lot #B-3  
**Attachments:** Scan\_20240718.jpg; Scan\_20240718 (2).jpg; Scan\_20240718 (3).jpg; Scan\_20240718 (4).jpg

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Please see attachment letter, thanks Earl White







Ridgeland - Claude Dean Airport  
**Terminal South Redevelopment**





# 1 LETTER OF INTEREST

August 30, 2024

Jasper County Government  
Attn: Kimberly Burgess, Director, Administrative Services Division  
P.O. Box 1149  
358 3rd Avenue  
Ridgeland, SC 29936

**RE: 3J1 Terminal South Redevelopment RFP**

**Dear Ms. Burgess and the Selection Committee:**

Lindsey Architecture (LA) is excited to present our aviation-specialized team and qualifications for the Ridgeland - Claude Dean Airport Terminal South Redevelopment. **Lindsey Architecture is a dynamic team** of experienced architects, designers, and project managers who have provided **continual design expertise in the aviation industry throughout our region for over 15 years** when I established Lindsey Architecture after working as an architect and firm leader for several other firms in the industry. **Personally, I have been designing commercial and private aviation facilities for more than 25 years, including hangars, terminals, maintenance facilities, rental car facilities, and more.**

We have a deep portfolio serving regional and international airports in similar capacities, including on-call agreements with **Elizabeth City Airport, City of Lynchburg Airport, and Piedmont Triad International Airport (PTI)**, where we served as the primary on-call architecture and engineering services provider since 2008. **Architects-of-record for over a dozen hangar and terminal projects over the years**, Lindsey Architecture has the expertise, portfolio, and talent on-staff to tackle the South Terminal Redevelopment design efforts.

Our proposed team includes firms we have partnered with on dozens of airport projects over the past 15 years, including current public and private aviation projects, as well as talented designers and engineers who are as dedicated as we are to aviation creative excellence, imagination, innovation, and problem solving. **SKA Consulting Engineers** will provide MEP, structural engineering, and building envelope engineering and design, and **Parrish and Partners** will serve as civil engineers. Together, this team has the proven airport and local experience to create schedule- and budget-conscious designs for the South Terminal Redevelopment. We also welcome the opportunity to work with your preferred, local building civil engineering partner, or your other preferred consultants.

Lindsey Architecture looks forward to working with you and your team, and we are grateful for your consideration. Please review the attached qualifications, and let us know if there is any additional information we can provide.

Best Regards,

Rod M. Lindsey, AIA, NCARB, LEED AP, president  
rod@lindseyarch.com



## 2 CORPORATE QUALIFICATIONS



### ABOUT LINDSEY ARCHITECTURE

<b>HEADQUARTERS:</b>	324 S. Elm Street, Suite 500 Greensboro, NC 27410
<b>PHONE NUMBER:</b>	336.617.4402
<b>PROFESSIONAL CORP:</b>	Owner: Rod Lindsey, president Owner: Emily Hinton, principal
<b>NC BUSINESS LICENSE:</b>	#52266
<b>STATES LICENSED IN:</b>	NC VA, AL, FL, GA, KY, MS, TN, SC, WV
<b>PRIMARY SERVICES OFFERED:</b>	Architectural Design Interior Design Planning Construction Administration

### MISSION

Lindsey Architecture was founded in 2008 on the premise that a dedication to creative excellence, imagination, and innovation, tempered with common sense, professionalism, and financial stewardship; results in built environments that foster quality of life and work for our clients. We ensure successful outcomes through collaboration and thoughtful understanding of each client's vision and objectives.

### AWARDS

- 2022 CPN Star Award  
Greensboro Science Center Expansion
- 2021 ABC Carolinas,  
Excellence in Construction Merit Award  
Greensboro Science Center  
Revolution Ridge Zoo Expansion
- 2018 CPN Star Award  
Greensboro Science Center  
Wiseman Aquarium Expansion
- 2017 CPN Star Award  
PTIA Terminal Ceiling & Office Renovation
- 2017 NAIOP NC Small Project of the Year  
Historic Shevell Building
- 2016 Preservation Greensboro Recognition  
Historic Shevell Building
- 2010 AIA Piedmont Section,  
Designs for our Community Award  
for most Environmentally Sensitive  
Precor Headquarters Building





### 3 SUBCONSULTANTS

## SKA ABOUT

**FIRM NAME:** SKA Consulting Engineers

**FIRM ADDRESS:** 7900 Triad Center Dr., Ste 200  
Greensboro, NC 27409

**FIRM PHONE NUMBER:** 336.855-0993

**FIRM WEBSITE:** skaeng.com

**FIRM TYPE:** Professional Corporation

**FIRM NC BUSINESS LICENSE:** #F-0508

**STATES LICENSED IN:** NC, AL, FL, GA, IN, KY, MD, MI, NV, NE, NY, OH, PA, SC, TN, TX, VA, WV, D.C.

**PRIMARY SERVICES OFFERED:** Structural Engineering  
Building Envelope Engineering  
MEP/FP Engineering

SKA Consulting Engineers is an intelligent engineering firm with 90 employees, serving the built environment, committed to enhancing the communities where our clients live and work. From its proud roots as a sole proprietorship in 1957 to a nationally recognized, thriving, diversified firm, SKA's reputation for solving the most complex engineering challenges resulted in the firm's recognition as the #1 Engineering Firm in the Triad by the Triad Business Journal. SKA's footprint spans the southeastern, United States, and Mexico.



**FIRM NAME:** Parrish and Partners

**LOCAL ADDRESS:** 140 Stonebridge Drive, Ste. 500  
Columbia, SC 29210

**FIRM PHONE NUMBER:** 803-978-1600

**FIRM WEBSITE:** parrishandpartners.com

**FIRM TYPE:** LLC

**STATES LICENSED IN:** SC, NC, VA

**PRIMARY SERVICES PROVIDED:** Civil Engineering

## PARRISH & PARTNERS

### ABOUT

Using a diverse group of professionals, we provide client-focused professional services engineered to meet the challenges of today's economic environment.

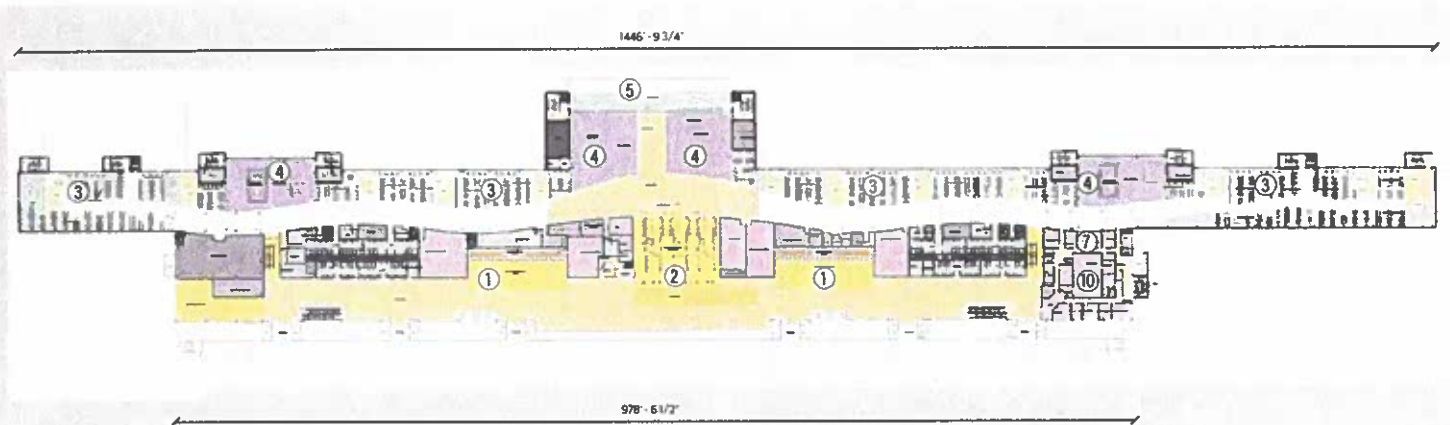




## 2 CORPORATE QUALIFICATIONS

### Overview

The Lindsey Architecture team has extensive award-winning aviation design experience across North Carolina and the United States totaling over 1 billion square feet for clients, including: PTI, Greenbrier Airport, Signature Air, Virginia Tech, and more. We have extensive experience working on dozens of successful projects with design, engineering, and construction partners across the southeast. This translates to smoother project delivery, improved client experience, and faster project delivery.



### Project Types

Our team has long-standing relationships with aviation clients across the United States with decades of delivering award-winning design and renovation projects of all types, including:



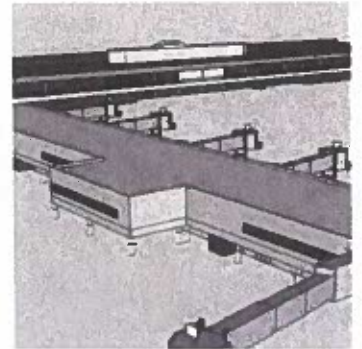
Hangars



Terminals



Infrastructure



Masterplanning



Parking



Food Service



Rental Cars



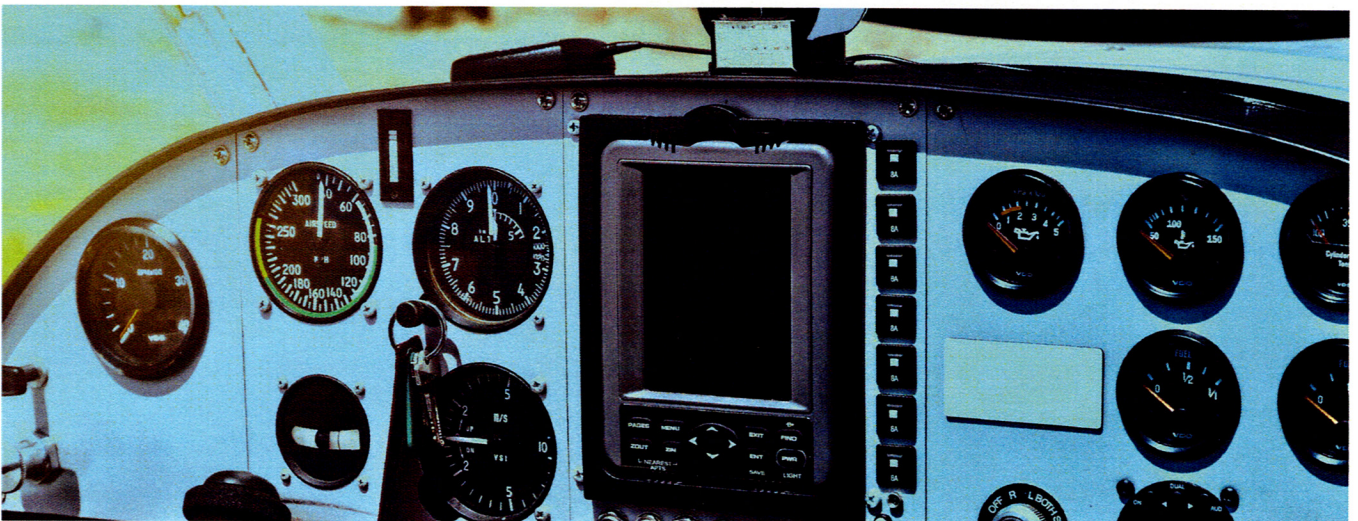
Office/Admin Space



## Delivering critical response with a self-sustaining fire fighting facility

The airport received a grant to fund the new station as part of the American Recovery and Reinvestment Act. The goal was to create a forward-looking facility that would provide the airport with a self-sustaining fire department to serve its current and future needs. This leading edge, 15,000SF facility includes a Command Center where the airport firefighters are able to coordinate with other local fire departments. This serves as a training center for firefighters to host coordinated city, county, and state disaster training, and houses a central communication hub for the airport itself, where all maintenance, security and fire safety communications are routed. The facility houses the latest and best available equipment, with four bays to accommodate fire trucks. The apparatus bays offer a unique concrete floor design that resembles terrazzo. In addition, the building uses many sustainable practices including reflective roofs and pavement, energy efficient HVAC and electrical systems, and interior finishes with an emphasis on regionally-sourced materials. The tight deadline to meet the requirements for ARRA funding required the design team to pull together a bid package within six weeks. This was accomplished through efficient teamwork and exceptional dedication.





# Ridgeland-Claude Dean Airport

The Premier Location for  
Your Aerospace or Aviation Industry

134 Airport Road | Ridgeland, SC 29936





# Home to a Ready Workforce

- ✓ South Carolina is well known for its outstanding technical college and workforce development delivery systems as well as the high individual productivity of our workers.
- ✓ South Carolina's renowned technical college system operates ReadySC to recruit, screen, test and train prospective employees, usually at no cost to the employer.
- ✓ Apprenticeship Carolina offers an employer-sponsored flexible training program that cultivates highly skilled workers who meet the workforce demands of a competitive global economy.
- ✓ Apprenticeship Carolina works to ensure all employers in South Carolina have access to the information and technical assistance they need to create demand-driven registered apprenticeship programs, which provides employers with the unique opportunity to grow their own workforce.
- ✓ In South Carolina you'll find a readily available, highly trained workforce prepared to go to work the first day of your company's operations.
- ✓ As a Right-to-Work state, South Carolina has the lowest unionization rates in the country at 1.6%.
- ✓ South Carolina is a pro-business region with a ready workforce and a "can-do" attitude. Our reliable and loyal workforce has a history of manufacturing.
- ✓ 5 Colleges and Universities with Multiple Locations in the Region including **The University of South Carolina Salkehatchie, The University of South Carolina Beaufort, Vorhees University, Denmark Technical College, and the Technical College of the Lowcountry.**
- ✓ Over 2,100 marines exit the military annually within the region, providing a built-in workforce with the skills, discipline, and leadership growing businesses are looking for.
- ✓ Over 1,300 active duty, veterans and dependents are enrolled at local Universities, with a 90% post-graduation retention rate in the region.



## The University of South Carolina McNair Center for Aerospace Innovation and Research

- Master's Program & Undergraduate Minor in Aerospace Engineering
- Developing Programs in Systems Design & Engineering Management

## South Carolina's Technical Colleges

- Degree & Certificate Programs to Support the State's Growing Aviation Industry
- Programs in Aircraft Maintenance, Aircraft Assembly & Avionics Maintenance, Manufacturing, Electronics, Engineering & Logistics



# Ridgeland-Claude Dean Airport

## The Premier Location for Your Aerospace or Aviation Industry



### Workforce by Drive Time

30 min.	45 min.	60 min.
<b>Population:</b>		
614,280	822,604	1,542,301
<b>Workforce:</b>		
303,225	383,870	738,772

- Bluffton, SC: 40 min.
- Hilton Head Island, SC: 50 min.
- Savannah, GA: 60 min.
- Charleston, SC: 90 min.

### Located 90 Minutes From Boeing in Charleston, SC

- One of three places in the world assembling & delivering wide body jets
- Home to the Boeing Center of Excellence for IT, Research & Technology, & Engineering Design
- The exclusive manufacturer of Boeing's 787-10

The Southern Carolina Region of South Carolina is located between the Aerospace Clusters surrounding Boeing in Charleston, SC and Gulfstream in Savannah, GA.

### Ridgeland-Claude Dean Airport: Your Full-Service Professional Airport

- Expanded in 2020
- 1,540 Visitors Annually
- Permanent Terminal/Fixed Base Operation
- Automated Weather Observation Station
- 12-Unit T-Hangars
- Instrument Landing System
- Enterprise Car Rentals
- Courtesy Vans
- Fuel Options include 100LL, JET-A and JET-A+







# The Southern Carolina Region is the Premier Location for Aerospace and Aviation

*Close Proximity to Interstate-95*

*Close to the Ports of Charleston, SC and Savannah, GA*

*Home to a Ready Workforce*

*Colleges and Universities with Degree and Certificate Programs to Support the State's Growing Aviation Industry*

*Close to the Aerospace Hubs of Boeing in Charleston, SC and Gulfstream in Savannah, GA*

**400+**

Firms in the private sector component of the SC aerospace cluster

**136,000**

South Carolinians employed in the aerospace industry

**2nd**

largest export in the state

**\$6.6 billion**

in export sales from SC of aircraft and parts in 2023

**\$28.8 billion**

economic impact of aerospace in SC



## Representative William G. "Bill" Herbkersman

Representative Herbkersman has been representing SC District 118 since 2002. He resides in Bluffton, SC, where he is an independent business owner and developer, best known for his development of the Calhoun Street Promenade, which employs over 300 residents and supports dozens of businesses.

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