

## CALIBRATION SERVICES

The NSI Cal Lab is a full-service calibration facility with over 70 years combined experience and ISO/IEC 17025 accreditation, located in Jacksonville, Florida. We provide fast, dependable services using factory/ US military trained technicians on a wide variety of test and measurement equipment:

RVSM Air Data Test Equipment	Multimeter's
Air Data Test Sets	Oscilloscope's
	Pitot static testers
Ammeter	Pressure gauge's
Angle position	Pressure transducer's
Caliper	Relief valve's
Counter sink gauge	Ring gauge's
Dead weight tester	Scales, Aircraft up to 100K lbs
Decade boxes	Signal generator's
Dial indicator	Spring scale's
Dynamometer	Tensiometer's
Fuel tester	Thermocouple's
Go-Nogo	Thermometer's
Humidity tester	Vertical Speed Indicator
Level	Voltmeter's
Magnehelic	Wire crimper's
Micrometer	



## Naval Systems Inc. *Calibration* Services

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PRECISION TEST EQUIPMENT  
CALIBRATION & REPAIR  
SERVICES

**ISO 9001, AS9100, AS9110, AS9120  
&  
ISO/IEC 17025 ACCREDITED**

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*State of the art calibration  
Solutions for today's world*

### **NSI Cal Labs**

8551-1 Westside Ind. Dr.  
Jacksonville, FL 32219  
Phone (904) 248-4325  
Fax (904) 248-4301  
[www.n-s-i.us](http://www.n-s-i.us)



# STATE OF THE ART EQUIPMENT

NSI uses state of the art calibration equipment to meet the needs of demanding customers nationwide.

## Dimensional Calibration



Dimensional Calibration is performed using Pratt & Whitney's Labmaster<sup>®</sup> Universal Measuring System. This laser based system has unmatched accuracy for all types of precision dimensional measurement devices, 0-12 inch range with 2 micro inch accuracy.

## Electrical Calibration



Fluke's high precision multi-product workstation, the 5520A, is capable of calibrating frequency, capacitance and temperature. Within the frequency range of 0.01Hz- 2MHz, it has basic V dc accuracy of up to 0.0024 %.



The 8508A Reference Multimeter features 8.5 digit resolution, exceptional linearity and extraordinarily low noise and stability, producing what are arguably the most accurate measurements to be had from any commercially available product today.

## Radio Frequency Calibration



The 9640A has signal precision and noise immunity throughout a 154dB dynamic range, down to -130 dBm, with a max output of +24, in the frequency range of 10Hz-4GHz.

For additional calibration information call  
904-248-4325

## Pressure Calibration



DHI 7601 is sensitive to 0.02PA + 0.5ppm, with a reproducibility of +/- 2ppm. It has an uncertainty of +/- 0.2PA + 12ppm.

## Temperature Calibration



The Hart 9170A is the best performing industrial heat source to date in accuracy, stability, and uniformity. It has an immersion depth of 203mm. The entire range is -45 to 140°C with accuracy of +/- 0.1°C.