



In our mission to Make the World Safer, this newsletter shares our knowledge about the value of vibration testing, reverse engineering, and computed radiography. But we're also excited to share that our Lab Services group opened new, state-of-the-art testing labs in Alachua, Florida, and Danville, Virginia to better serve customers. We also continuously upgrade our testing equipment to provide new levels of speed and accuracy. On an individual level, our experts embrace opportunities to gain new skills and certifications — all to better serve you.

Read on to learn:

- How [vibration testing](#) allows you to safely test the limits of an object
- The Top 5 reasons customers need [reverse engineering](#)
- Why [computed radiography](#) offers greater convenience and flexibility
- Why manufacturers across North America trust IIA for [metrology](#) in every phase of the product life cycle — and view a CMM first article inspection
- How our AS-compliant services help ensure the highest degree of safety and quality for [aerospace clients](#)
- The thrill of amusement parks should be about the fun rides not their safety. Here we talk about the role our lab services can provide to [amusement park safety](#)
- You'll also meet [Senior Metrologist Julian Cawthon](#), who is always eager to learn (and has the certifications to prove it)

From metrology to our full menu of testing services, the measure of our success will always be your satisfaction.

Sincerely,

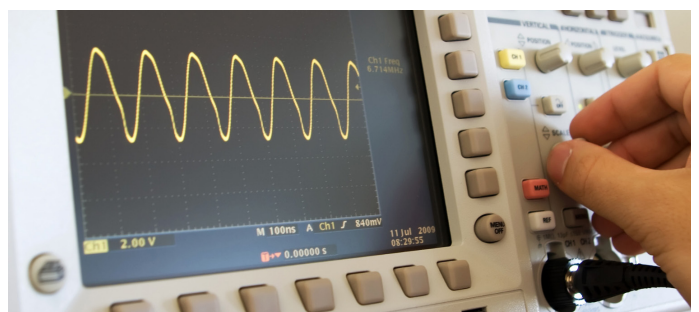
**Nicholas Szkotak**

General Manager, Lab



## Reverse Engineering: When you Need to Get from Point B to Point A

From collectable cars to custom-fit prosthetics, [reverse engineering](#) is used — by both corporations and individuals — for a variety of reasons. [Learn about the top 5 scenarios we see at IIA.](#)



## Ready to Shake Things up?

Often, real-world safety begins with a simulation. Vibration testing allows you to safely test the limits of an item in a controlled setting to help prevent failures down the road. [Learn more about our vibration testing capabilities.](#)

## Metrology for Every Phase of the Product Life Cycle

From medical devices to automotive parts, accuracy is critical to the success of your manufacturing business — and perhaps, to the life of your customer. By providing highly accurate measurements, metrology helps to improve the safety and quality of manufactured products. Learn more about our [metrology services](#) and view a [video of CMM first article inspection](#).



## Florida EMC Testing Lab — New Location, Same Great Service

IIA is pleased to announce the opening of our new EMC testing lab at San Felasco Tech City (SFTC) in Alachua, Florida — a great place to grow and bring the latest testing technologies to our clients. Learn more about IIA's [Florida Location](#) and our [Electronic and Radio Device Testing and Product Certification](#).



## Computed Radiography: When only Digital will Do

For a growing number of customers, only digital will do when it comes to radiography. Featuring high-resolution digital images, our new Carestream HPX1-Plus equipment makes non-destructive radiographic testing easier, more productive, more accurate, and more affordable. Learn more about our ISO 9001 and DICOMDE-compliant [Computed Radiography](#) services.

## IIA Hosts Open House at New Testing Lab in Danville, VA

IIA will host an open house October 10-11, 2023, at the site of our new testing facility at the U.S. Navy's Additive Manufacturing Center of Excellence (AM COE) in Danville, Virginia. Invited guests include high-ranking Navy personnel and other dignitaries. The new lab will provide a variety of on-site non-destructive testing (NDT) services to validate the quality of additive manufactured parts for submarines.

## A Higher Degree of Quality

Did you know? IIA provides [AS9100](#), [AS9102](#), [AS9110](#), [AS9120](#) compliant services to ensure the highest level of safety and quality for aerospace companies.





## We're Serious About Amusement Park Safety

When it comes to amusement rides, we are serious about safety. Our Lab Services team offers 3D Scanning and [Reverse Engineering](#) so an exact duplicate can be manufactured if a repair part for a ride is not readily available. [Learn more](#) about our services for amusement parks, carnivals and fairs.



## Julian Cawthon: Mastering the Art of Metrology

While weighing his options for life after high school, Julian Cawthon never dreamed he would build a successful career in a field that was a mystery to him at the time. Today, as Senior Metrologist at IIA's testing lab in Irving, Texas, Julian is an expert in measuring objects ranging from the tip of a needle to the wing of a plane. [Meet Julian](#) and learn how his latest certification will help aerospace companies stay in compliance.

## What Our Customers are Saying

"THANK YOU for the quick turn-around! Our customer wanted a big job completed quicker than we could handle. Your group jumped right in and got it going. We look really good to our customer and their project is rolling along nicely!"

-John W, TechNH , Inc.



## Let's Connect

We want to hear from you! Let us know about your latest testing challenges and how we can help. Call us at **866-514-4937** or complete our [online form](#) and we'll get back to you within 24 hours.

Be sure to follow us on [LinkedIn](#) to learn about the latest tools and techniques we're using to solve our clients' problems and make the world safer.



**866-514-4937**

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