



News you need to be aware of as you start 2023

Happy New Year! Now is a great time to take a fresh look at what you'd like to accomplish in the year ahead and the challenges you may face. And there's no better time to find the people and partners who will position you for success in 2023.

One overarching goal guides everything we do at IIA: to make the world a safer place. We do so by providing quality testing, inspection and engineering solutions.

IIA continues to grow to better serve customers. In this newsletter, you'll learn about:

- Our new lab in Danville, Virginia, and how our NDT services will support efforts to streamline submarine manufacturing
- How ground-penetrating radar can bring hidden hazards to light
- Our patented PASS® technology and technical training for non-intrusive valve testing
- Automated inspection solutions – custom-made for you
- What you need to know about aerial device testing
- How to plan your critical lift and who can help
- Ryan Timboe, who works hard, plays hard and delivers story-worthy service

Whatever your goals for 2023, IIA can help you achieve them. Please visit [Industrial-IA.com](https://www.industrial-ia.com) to learn how we can help make your world safer.

Sincerely,

Doug Vail

Industrial Inspection & Analysis

IIA Opens Testing Facility at Navy's Center of Excellence in Danville, VA



IIA will soon open an NDT inspection lab in Danville, Virginia, to provide a variety of non-destructive testing (NDT) services to help ensure the quality of additive manufactured parts for submarines. We are proud to be part of a team of industrial partners, industry experts and government entities working together to support the U.S. Navy Additive Manufacturing Center of Excellence (AM COE) in its efforts to accelerate and scale defense manufacturing. [Read More.](#)

Ground-Penetrating Radar: When Surface Answers Won't Suffice



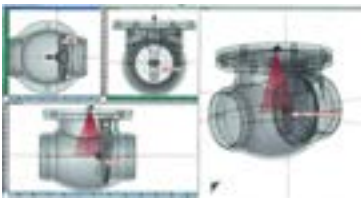
Whether you're modernizing an older structure or building from the ground up, shortcuts on any construction project can be disastrous — even deadly. Ground-penetrating radar (GPR) is a fast, cost-effective way to get the answers you need about subsurface features — without drilling, probing or digging. Taking the time to perform a GPR survey can help keep your job site safe. Learn more about our non-intrusive GPR services. [Learn More.](#)



From Local Government to National Defense: We're Here for You

With roots that date back nearly a century, IIA is a leader in the use of non-destructive testing (NDT) for government agencies at the local, state and federal level. Whether we're testing astronaut face shields, bridges, bucket trucks, submarine components or drinking water, safety is our mission at IIA. [Read how](#) we can help make your government or defense project a success.

PASS®: Accurate Valve Data — Without Disassembly



Valve disassembly is a costly and time-consuming process — one that can be avoided with IIA's proprietary [Phased Array Sectorial Scanning \(PASS®\) system](#). Offering

a superior technique to radiography and other methods, PASS provides an unmatched level of information about valve integrity and performance during operation — from flow rate to disc velocity. Learn more about our game-changing [PASS technique](#), and [other technologies](#) you won't find anywhere else.



Planning Your Critical Lift

When planning a particularly critical or complex lift, you may want to consider bringing on additional resources to help you navigate

the unique challenges of your project. From developing a detailed lift plan to load analysis, rigging and equipment setup and crane selection, IIA can help ensure that your lift goes smoothly. [Learn more about planning your critical lift.](#)



What You Should Know About Aerial Device Testing

From elevated platforms to sectional ladders and booms, fire departments rely on aerial devices every day in their mission to save lives and protect property. The most common reasons for device failure are lack of, or improper, maintenance and the weakening of metal components over time. IIA's fast and accurate inspections ensure safety, reliability and compliance, and help you get the most out of your equipment. [Read more.](#)



Automated Inspection Solutions: Custom-Made for You

Think you've got an impossible inspection on your hands? Don't be so sure. Our Texas-based team of engineers is dedicated to designing, building and enhancing automated inspection tools to meet our customers' unique needs. [Read more about engineering](#) that makes impossible inspections possible.



Ryan Timboe Works Hard, Plays Hard

Ryan Timboe's work ethic — and love of sports — took root early in life. He spent much of his free time working at his father's businesses

in Minot, North Dakota, and sparred with his big brother almost as soon as he could walk. He went on to compete as a sponsored boxer and a snowboarder in "Big Air" competitions. But it was his time working as a roughneck that sparked an interest in mechanical engineering and led him to where he is today. [Get to know Ryan.](#)

