



Special points of interest:

- New meetings on the schedule
- The new Air Capital website
- Follow us on Facebook

The Inspection Connection Newsletter

August 2015

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ASNT - AIR CAPITAL SECTION

Inspection Connection

Message from the Chair

I would like to welcome all our members and invite you to examine this newsletter from the ASNT Air Capital Section, it is the first that this section has done in a long time. I would ask that you provide feedback on this newsletter and anything else dealing with the Air Capital Section.

With the election of new officers comes a review of current and past activities in our NDT group. It is a very important time, a time where each of us will be relied upon to give a little of our time for the betterment of our chosen career field and the people we work beside every day. The new young officers elected by this group are motivated, talented, and ready to bring this section into the 21st Century. They will need our help, so I ask you to please get involved. I realize that for some your free time is very limited and you may not be able to contribute much time to our group. There are opportunities to contribute that take almost no time at all. You will be receiving surveys please fill them out and send them back in, follow the Air Capital NDT Section on Facebook, and there will be more opportunities that require little time in the future.

Our number 1 goal as officers for this group is to provide the members of this group with value added activities that will benefit you professionally, socially, and personally. To do that we will need to know your ideas on what it is that this organization can do for you. When you receive surveys please fill them out and we will use this information to improve everything we do. The information you provide us will also be used to restructure our committees and their goals. The next meeting of the Air Capital Section will be exactly about that, restructuring our committees to meet the needs of our members. Please attend the meeting and provide your input.

I would like to thank all of you for your support and I look forward to giving you that thank you in person. With that I would like to introduce you to the new elected officers of the ASNT Air Capital Section:

- Chair: John Saunders**
- Vice Chair: Gian Suazo**
- Secretary: Hollie Becker**
- Treasurer: Jay Amos**



ASNT - Air Capital Section Board

Chairman:

John Saunders

jsaunders@niar.wichita.edu

Vice-Chairman:

Gian Suazo

gsuazo@metalfinishingco.com

Treasurer:

Jay Amos

JMAmos@txtav.com

Secretary:

Hollie Becker

Hollie.Becker@aero.bombardier.com

Education Chair:

Joe Clasen

Membership Chair:

Derek Swartz

Directors at Large:

Bryce Boe

Michael Daihling

Bob Potter

Jay Amos

Interested in getting Involved?

**Contact one of our board
members for openings and
joining committees.**

**For general questions or
more information about our**

Fundamentals of Radiographic Interpretation

Accurate interpretation is strongly influenced, not only by the viewing conditions and by the interpreter's vision acuity, but also by the interpreter's knowledge and experience. Therefore, training of the interpreter is essential to the reliability of the results of the interpretation. Because the experience and knowledge of interpreters vary widely training is also an essential factor in improving the agreement level between interpreters.

In a program conducted by a research laboratory, a comparison was made among five certified film interpreters who were trained by a master apprentice program. These five interpreters reviewed 350 radiographs and reached agreement on 238 radiographs or disagreed 32 percent of the time.

The results of this research were

then incorporated into a unified training program, using discontinuity categories from the welding process. Subsequently, a procedure was developed wherein nine certified film interpreters trained under the unified training program were compared to nine certified film interpreters trained under the master apprentice program. Using 96 radiographs, the master apprentice group disagreed 44 percent of the time; the unified training group disagreed only 17 percent of the time.

In a similar study of medical radiology, the reproducibility of a tuberculosis diagnosis was examined. This study revealed an average disagreement in one out of three cases or 67 percent agreement. On a second independent reading of the same radiographs, a physician would disagree with his or her own

previous diagnosis in an average of one out of five cases or 80 percent agreement.

Under the best circumstances of training and experience, qualified film interpreters may disagree. Therefore, in all applications where quality of the final product is critical for safety or reliability, a minimum of two qualified interpreters should evaluate the pass judgment of the radiographs.

Reference radiographs are a valuable training and interpretation aid. An in-house library of radiographs and accompanying photographs of macrosections of various discontinuities are also recommended.

Excerpt from Nondestructive Testing Handbook Radiographic Testing Third Edition Volume 4 © 2002. Reprinted with permission of The American Society for Nondestructive Testing, Inc.

What's New for the 2015-2016 Year

We're excited to start the 2015-2016 year with some great new additions to our section.

For starters, we are rolling out a brand new website. Please check us out at www.asnt.org/aircapital. This new website will be the number one source for information about what's going on in our section. Check back often for updates.

Another great way to stay in touch is with Facebook. To follow us, simply search Air Capital ASNT. Click on the "Follow" button. Check here for updates on current events, photos from past events or get involved in a discussion.

August Air Capital Meeting

On August 20th the local section had a meeting with 10 members in attendance to go over plans and goal for the year. John Saunders presided at the meeting introducing the new officers and presented what the section plans to achieve. The 2015-2016 program schedule was distributed and a vote on a logo was done. In addition the members had the pleasure to meet Regional Director Bob Potter who was also attendance.



Officers and Regional Director (from left) Gian Suazo, Bob Potter, John Saunders, Hollie Becker, and Jay Amos

Upcoming Events

September

No events

October

Ricky Morgan—Las Vegas High Roller Project “ Concept to Completion”

November

Paul Petersen—Phased Array Inspection & MFCO Tour

December

Brad Hoskins—Silean

January

No Events

February

ASQ—ASNT Joint Meeting

March

Air Capital Fundraiser

April

Board Meeting— Elections

May

No events

June

Richard Gostautas— Acoustic Emissions Presentation
 Installment of New Officers

Join the ASNT

Have you or someone you know been on the fence about joining the ASNT? There couldn't be a better time than now to join! With the spike in interest in NDT in recent years, the Air Capital is gaining new professionals on a regular basis. As a member run organization, you have the opportunity to have a

say in the future of this industry. Connect with members of similar experience and learn from members that paved the way. There are a variety of membership types and discounts.

To learn more about joining or to sign up today, go to:

www.asnt.org



Receive a FREE subscription to ME when you join!

CONGRATULATIONS

New certification holders will be congratulated each month. Look for them next month and please congratulate them for their dedication and accomplishment!

Please contact an officer if you have an accomplishment you wish to share with your section

American Society for Non-Destructive Testing

Air Capital Section October Meeting

When : October 1st, 2015

Time : 5:00—Board Meeting

5:30—Social Hour & Dinner

6:30—Ricky Morgan “ Las Vegas High Roller– Conception to Completion”

Location : Candle Club 6135 E. 13th St. N, Wichita, KS 67208 (Located in Prairie Village Shopping Center)

RSVP : Deadline is September 29th, 2015 to ACASNT@gmail.com

Cost : Free to Air Capital Members , \$10 for non-members

Topic : Ricky Morgan Worked abroad in Shanghai, China during the fabrication of the Las Vegas High Roller ensuring the codes and specification were met for the project and Clark County, Nevada. Supervised an inspection team comprised of Americans and Locals working together as the “ IIA “ Independent Inspection Agency for the project which required extensive tracking of all aspects of process control and inspection. Also some source inspection in Sweden of the largest bearings in the world.

Speaker Bio : Ricky L. Morgan attended Purdue University and Miami University (Middletown, OH) 1979-1983 immediately following graduation from Madison High School. In 1983 Morgan choose to serve his country and joined the US Army as an 11H Infantryman. He completed his obligation to the US Army ending his Term of Service as an E-5/ Sergeant. He later acquired a degree in Marine Technology for the College of Oceaneering.

Prior to establishing Morgan Inspection Solutions, he served since 1994 as Special Inspector, Lead Structural Steel Inspector and the Technical Operations Director – Asia, for Smith Emery Company. There, he recently completed Fabrication Inspection for the Las Vegas High Roller - World’s Largest Observation Wheel being erected in Las Vegas @ ZPMC in Shanghai, China.

Previously, Mr. Morgan served as General Manager for Muldoon Marine Services. He began his career at Ronald Nisbet Associates where he served as Lead Field Technician. He holds various professional certifications in NDT, welding, International Code Council, L.A. City Building Inspections and more. He is a widely published author of numerous professional industry articles, and has held many Officer and Board member roles for the ASNT to include Chairman.

Mr. Morgan currently holds ASNT NDT Level III certification in MT, PT and UT. He is a Certified Welding Inspector with endorsements in Structural Drawings and High Strength Bolts through the American Welding Society and a Certified High Strength Bolting and Structural Steel Inspector through the International Code Council (Previously the International Conference of Building Officials). He has additional specialized training in Phased Array Ultrasonics and the Electrochemical Fatigue Sensor (EFS).



Ricky L. Morgan

President

Morgan Inspection Solutions

