



NEW HAVEN SECTION 305 FISCAL YEAR 2009-2010

www.asqnewhaven.org



ASQ New Haven Newsletter

October 2009 Issue

HEALTHCARE REFORM WITH DR. BRIAN FILLIPO

Today you can't even switch a channel on your TV or radio without hearing something about what's going on with Healthcare Reform. It's been our president's main objective thus far after his efforts to help stimulate our economy. As both seem to go hand in hand any improvement to our national healthcare will ultimately be an enhancement to our burgeoning economy.

You could look at this issue from all sides but it is basically agreed that we need healthcare reform, something that's been taking 40 years in the making. Right now President Obama's plan speaks to revolutionary changes, some say too revolutionary. In any case our lives hopefully will be changed for the better when they finally all agree to hash it all out and come up with the best possible plan.

Speaking to Obama's plan he seeks changes to how insurance companies operate, allowing for a more inclusive system like paid care for preexisting conditions, and placing restraints on what they can cut out. His plan also is opening the door for the millions of Americans who simply do not have any health insurance at all. It's a bold step that is causing all sorts of controversy, some steeped way over the top in recent protests.

One of the biggest hot potatoes in his plan is the Public Option. One step further is the Single Payer concept which seems to be falling off the radar. A fine example of a current working Single Payer is Medicare.

On the side of the right misinformation is being hurled to hopefully assure current status quo. Very controversial aspects that are simply not true like death panels, paid abortions, and illegal alien access are often cited. What is being dealt with however is the obvious and really only worthwhile rebuttal, who's going pay for this reform? Hopefully our speaker Dr. Brian Fillipo can shed some light on where we stand in the quality arena.

Brian H. Fillipo, MD, MMM, FACP, is the Vice President of Quality and Patient Safety for the Connecticut Hospital Association. Previously, Dr. Fillipo served as Chief Quality Officer of Moses Cone Health System in North Carolina and as Associate Chief Medical Officer and System Vice President and Medical Director for Geisinger Health System in Pennsylvania. Dr. Fillipo attended medical school and went on to complete his residency at Hahnemann University in Philadelphia. He is a Fellow in the American College of Physicians and completed the Master of Medical Management program at Tulane University.

MEETING CONTACTS AND DIRECTIONS

Date: October 20, 2009 **TUESDAY!!**

Place: Brazi's Restaurant.

Time: Networking: 5:30; Dinner: 6:00; Speaker: 7:00.

Dinner: Chicken, Beef or Fish.

Cost: \$25.00. **RSVP no later than Friday October 17th**

ONLINE RESERVATIONS: www.asqnewhaven.org

CONTACTS: Jim Petropoulos (203)250-3751 or email:

James.Petropoulos@AtlanticInertialSystems.com;

Bill Folsom: (860)-565-3678 or email:

William.Folsom@dcma.mil.

DIRECTIONS TO BRAZI'S RESTAURANT

From the North: Take I-91S to I-95S at the Long Wharf Exit #46 for Sargent Drive. Brazi's is behind the Mobil Gas Station across from the ramp.

From the South: Simply take I-95N to Long Wharf Exit #46 and take a left off the ramp. Then take a left at the next light under the highway, then a left down Sargent Dr. Follow the rest of the directions as *From the North*.

MESSAGE FROM THE CHAIR

Our first meeting was a joint plant tour with APICS. APICS is the Association for Operations Management where APICS stands for Advancing Productivity, Innovation, Competitive Success. Our Section Leadership Committee met with some of their board members and exchanged ideas and meeting schedules. Check out their web site. You may find a meeting to attend that interests you. They have a topic in their program on six sigma at a plant that implemented it.

Also, we are planning one day GD & T and internal auditing seminars in the spring. We can put these on in-house also if you have 5 or more people. Let me know if you are interested. As a service to the New Haven Section Members, if you are interested, let me know if you are unemployed and we will give you a reduced rate. Depending on the turnout, the rate could be just for the lunch and materials only.

The New Haven Section ASQ wishes to welcome our new Regional Director Herb Goldstein along with our very own Section Leadership Committee Treasurer, Membership, and Certification Chair Randy Messinger as the Deputy Regional Director

-Section Chair Nick Squegila

NEW MEMBERS! WELCOME ABOARD!

LESTER W. ALLEN	MOUSSA LY
KERRY C. BROWN	BHAVIN K. PATEL
HERBERT GOLDSTEIN	NANCY SCHULTZ
WILLIAM MULLIGAN	MAYRA SHAPER

PLANT TOUR OF SIKORSKY AIRCRAFT

In our last month's meeting we went on a tour of Sikorsky Aircraft with the local APICS group. What a huge place, it seems to go on forever! Everything was so well organized and mapped out and a marvel to take in watching the assembly of helicopters in their production flow.

Our first order of business was to get into the plant which was a feat, considering the amount of security involved. Once we started in the tour we inundated our guide with all sorts of poignant questions, some I am sure just scratched the surface while others delved deep into the confines of iteration. On our first stop we visited the engineers' area of many, many desks and cubicles numbering in one building alone around 4,000 employees. Then we moved over to the plumbing area

for the numerous hydraulic lines needed for the Naval and Black Hawk aircrafts. From there we started in on the Spar Assembly Cell, which was a very interesting process indeed. He explained how the spars start out as sheets of titanium that are cut and rolled into tubes then flattened into a blade shape whereupon various layers of composite substructures are encased and glued together. Each blade consists of a spar that is covered on either side with a honeycombed matrix, which is enveloped by a final composite sheath. It was remarkable to see the process unfold right before your eyes. He also showed us where they acid cleaned the spars and performed non-destructive tests (NDT) like fluorescent penetrant and radiography.

Leaving the Spar Cell we headed up towards the heat treatment area passing by the Small Airframe Assembly Cell. From there we checked out the Shot Peen Station where our guide explained that this process is needed to provide a smooth finish to assure proper fit for subsequent tight tolerance assemblies. He pointed out that many parts must be shot peened to assure specific critical safety applications. Should something fail to meet this criteria it could very well spell not only a loss of mission, but the loss of limb and/or possibly life.

Throughout our walk we saw all these signs for FOD prevention an almost constant mantra amongst the Sikorsky community. FOD or Foreign Object Damage is anything that is not supposed to be within an aerospace part assembly or the complete aircraft itself. Because the fast speed and tremendous vibration a helicopter must endure anything considered to be FOD could raze havoc within the internal process, which could rip throughout the cabin destroying everything in its path including human flesh.

As we went along our guide pointed out all the new steps Sikorsky has employed in meeting their enhanced lean manufacturing principles. All the major assembly and fabrication areas were given names like the Spindle Cell, Rotor Head Cell, Turning Cell, Boring cell, Swashplate Cell, Final Assembly Position Cells and a variety of others. Some cells were even broken down into process numbers with all associated equipment needed to build a specific part on the helicopter. Each were addressed for lean capabilities with huge localized flat screen computer monitors showing the continued progress as well the process performance as they related to defects and rejects observed in the process flow.

As we neared the Final Assembly area we saw how all the small parts and assemblies came together in an almost orchestrated like presentation of production lines

for both the Naval and Black Hawks. Starting in the back of Final Assembly we saw the bare cabins and tail cones come together followed by the pylon assembly which holds the rear tail rotor. As the flow line continued newly added assemblies could be seen, like the rotor head or the twin GE turbine engines. Within an almost stormy confusion and cacophony of drill noises, taps and bangs and assorted grunting, the birds were taking shape.

When looking inside we saw yards and yards of cable harnesses and wires along with special exotic hydraulic lines and a myriad of technical electronic equipment positioned in various points within the aircraft. By the time we reached the final position the aircraft had everything installed except for the blades. Those which were added once they entered into the huge awaiting hangar. Peeking in through the windowed door, we spotted the final versions of these magnificent works of military prowess with their elegant blades as perfectly balanced wings for flight.

At conclusion of the tour we asked about some particulars as they related to production and learned that after the Iraq and Afghanistan wars began, military aircraft production nearly increased by 2-3 fold. Sikorsky is not hurting for work these days which is a glad welcome in these not so productive economic times. We also learned that very few parts and assemblies were being offloaded abroad for the military programs, however this could not be said for their commercial models. As our guide told us it seems that a great deal of parts for their commercial helicopters like the S-92 seems to be coming from the Far East.

Anyway I must say that this tour was indeed one of our finest and may I add that I am proud to be an American having seen such great wonders of work as witnessed right here in our own backyard at Sikorsky. For all the Sikorsky workers, engineers and managers out there NHSASQ salutes you for your fine and exemplary work.

ASQ Program Schedule for 2009-2010

DATE	TOPIC	SPEAKER	PLACE	COMMENTS
OCT 20, 2009 (TUESDAY)	HEALTHCARE REFORM	DR. BRIAN FILLIPO	BRAZI'S	JOINT MEETING WITH CTAHQ
NOV 18, 2009	BUILD QUALITY IN MANUFACTURING AND ENGINEERING – LEAN/SIX SIGMA TOOL	VICTOR LEI	BRAZI'S	
DEC 16, 2009	NO MEETING	NO MEETING	NO MEETING	NO MEETING
JAN 20, 2010	LAUNCHING OPERATIONAL EXCELLENCE IN HEALTHCARE	VINCENT CAPASSO	BRAZI'S	JOINT MEETING WITH CTAHQ
FEB 17, 2010	A POSITIVE WORKPLACE MEANS BUSINESS! IT JUST MAKES CENT\$!	MARY JANE PARIS	BRAZI'S	
MAR 16, 2010 (TUESDAY)	“SIX SIGMA IN PROGRESS” ENTHONE CASE STUDY	AARON SPEARIN	95 GATHERING, WALLINGFORD	JOINT MEETING WITH APICS
APR 14, 2010	TBD	TBD	CASA NOVA, SHELTON	JOINT MEETING W/SOUTHERN SECTION
MAY 19, 2010	TBD	TBD	BRAZI'S	

For more information on meeting topics/directions visit our website: www.asqnewhaven.org. The meeting cost covers each dinner. If you're only interested in listening to the speaker there's no charge. Non-ASQ Members are welcome at no additional cost.

JOB OPPORTUNITIES!

Checkout our link below for latest jobs!

<http://www.asqnewhaven.org/employment.html>

BRAIN TEASER: Lost in the woods, you come upon a mysterious stranger who hands you two large spheres made of two kinds of opaque marble. The spheres look the same, are the same size and have the same weight and apparent density; however, one is solid and the other hollow. The hollow sphere contains a tiny map that will enable you to navigate your way home. Unfortunately, you cannot break the spheres. The stranger agrees to open the sphere that contains the map only if you can determine which sphere is hollow. How do you determine which sphere is hollow?

Recertification Journals...

Call Randy Messinger at 203-675-5756 for mailing address and to make arrangements.

SECTION LEADERSHIP COMMITTEE

Section Chair and NEQC Representative:

Nick Squeglia (860) 767-1784

Vice Chair and Internet/Web Chair:

Jay Krishnamoorthy (203)589-5350

Secretary and Healthcare Liaison:

Julie Petrellis (203) 294-7319

Treasurer, Membership,

Certification and DRD:

Randy Messinger (203) 294-7319

SMP Chair:

Jerry Clupper (203) 387-5121

Newsletter Chair:

Lawrence Spinello (203) 248-4085

Programs and Arrangements Chair:

Jim Petropoulos (203) 250-3751

Placement Chair:

Gene Contardi (203) 795-6914

Publicity and Nominating Chair:

William Folsom (860)-565-3678

Advisor and Past Chair:

Joseph Valerio (203) 484-6235

Advisor and Past Chair:

Linda Pello (203) 269-3112

MISSION STATEMENT: "PROVIDE NETWORKING, COMMUNICATION AND DEVELOPMENT OPPORTUNITIES TO SUPPORT KNOWLEDGE, SKILLS AND ABILITIES IN QUALITY PRINCIPLES AND CONCEPTS."

FREE PEXAGON TECH 2G FLASH DRIVES!!!!

We are pleased to announce that New Haven Section will give out Prepaid Cards to its members who attend the dinner meetings. This prepaid card entitles to a Personalized 2GB Flash Drive with any available presentation materials loaded. You can redeem this prepaid card at:

www.giftcards.pexagontech.com/asq0305 .

You can choose from 14 colors and 32 themes and personalize with 2 lines of text. The drives will be shipped to you absolutely free of charge. These flash drives are sponsored by Pexagon Technology, Inc

BRAIN TEASER: ANSWER: Roll the spheres on a level flat surface. The hollow sphere will roll further because its mass is distributed away from the center giving it a higher moment of inertia. Alternatively, you could spin them and see which is harder to stop.



ASQ

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