The tour of the Otis Test Tower and Quality Control Lab start at 4 PM. Ed Yetter, the Test Tower manager, will conduct the tour. Hard hats and safety glasses are required which the tower will provide and collect back after the tour. The limit for the tour is a maximum of twenty (20) - RSVP required. Please be there at 3:45 PM so all can "sign in" and obtain the safety wear to start the tour at 4 PM. The tour will take about an hour and will cover both the elevator testing and the test lab sections.

Directions: The Otis Tower is located at 99 Century Drive, Bristol, CT 06010 in the Industrial Park off of Route 229 (Exit 31 off I-84). Turn onto CT-229 N. In 3 miles turn left onto Enterprise Drive. Take the 1st right onto Century Drive. Otis is on the left.

Directions: Dinner and Talk at - The Stonewell Restaurant - 354 Colt Highway (CT Rt. 6), Farmington, CT 06032 - (860) 674-9789, I 84 Exit 37, Turn left onto Fiemann Rd. Go 0.4-0.6 miles to Colt Highway (CT Rt. 6), turn right and go 312 feet.

Agenda:  
Cocktails: 6:00-6:30 PM  
Dinner: 6:30-7:30 PM  
Program: 7:30-8:30 PM

Entrées must be pre-Ordered  
• Baked Stuffed Chicken  
• Fresh London Broil  
• Fresh Broiled Salmon

Technical Chairperson: Harley Graime  
Reservations: Call Linda at Service Steel Aerospace 203-906-6381 or lthomas@ssa-corp.com by noon September 5th for tour and/or dinner. Thanks!

Abstract:  
The Bristol Research Center in Bristol, Conn., United States, is home to the Otis Quality Assurance Center and North America’s tallest elevator test tower—383 feet (117 meters) high. The facility has a quality control and new product testing lab as well as 13 test elevator shafts: three high ones, four mid-level, and six low ones. The Bristol center tests parts for the range of systems needed for elevators around the world: cable, belt, and hydraulic systems; small and large motors; the lifting hardware and “destination management systems,” where you put in your desired floor and are assigned the most efficient elevator to take.

Nick’s presentation describes some of the challenges in designing and manufacturing elevators throughout history and charts the growth of the elevator industry. The talk includes mechanical and electrical design, old and modern controls, and other details of elevators.

Bio:  
Nick Marchitto received an B.E. in 1964 from Stevens Institute of Technology and a M.S.E.E. in 1970 from Newark College of Engineering. He is a Professional Engineer in in the State of New Jersey.

Nick worked in the elevator industry for Otis Elevator Company and Westinghouse Elevator Company for 48 years before he retired in 2012. His area of expertise is elevator electrical design, development and testing, manufacturing and field support for motors, generators, machines, controls, and the elevator/building electrical power systems interface. He is a Life Member of both IEEE and ASME.