



Steam Turbine Alignment



Savannah, GA
January 5 - 7, 2027

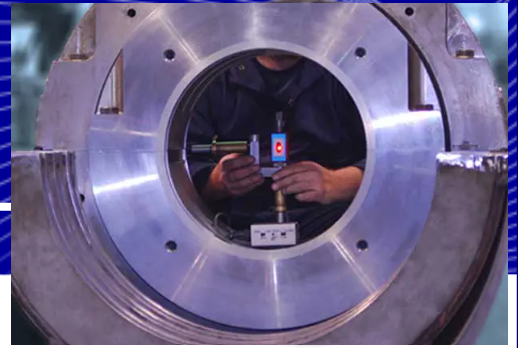
EMBASSY SUITES SAVANNAH- HISTORIC DISTRICT
605 West Oglethorpe Avenue
Savannah GA 31401
Phone: (912) 721-6900



presented by
Charles J. Monestere

About the Program

Mechanical Dynamics & Analysis LLC Phone: 518-399-3616



Steam Turbine Alignment: 3 Days

The Steam Turbine Alignment seminar teaches participants the theory and correct alignment practices for steam turbines-generators. Particular emphasis will be placed on large steam units. Various methods of alignment will be addressed including tight wire, laser, ERAG/CAT, Alignment Bar, and Lead Wire. The following alignment processes will also be discussed: Tops off alignment, Tops-on / Tops-off alignment, and Topless Alignment®. The program includes a coupling alignment workshop using mechanical simulators for “hands-on” learning experience.

The program begins with a review of steam turbine and generator construction and relevant, major components. Participants will build their understanding using two rotor, four bearing simple setup and finally address issues that come up with multiple rotor systems, 3-bearing units, and others. A major inspection work scope will be reviewed including opening, clearance checks, alignment checks, disassembly, evaluation, repair, reassembly, alignment, and commissioning. Participants will get a sense for critical path activities and the impact of alignment decisions. Participants will have the opportunity to review real life data sets and make alignment calculations. Open discussions will allow participants to learn from one another as well as from the instructor. Advantages and disadvantages of different approaches will be reviewed. Finally, the impact of misalignment on unit operation and component integrity will be reviewed. Students will gain an understanding of the long term ramifications associated with certain types of misalignment. The instructor will give actual examples of misalignment including the troubleshooting and correction activities.

This program is geared toward plant engineers, maintenance engineers, system engineers and others who participate in or have oversight responsibility for unit alignment, with 0-5 years of experience. Some knowledge of steam turbine technology would be helpful although not required. Experienced engineers will also benefit from the training.

Instructor – Charles J. Monestere

Since joining MD&A in 2004, Charles Monestere (“mon-a-stair”) has both managed the turbine alignment business and personally performed alignments on over 80 turbine sections using MD&A’s Topless Alignment® process. Units aligned ranged in ratings from 30MW to 1100 MW on various makes and models, predominantly Westinghouse, GE, Toshiba, Hitachi and Allis-Chalmers steam turbines.

Prior to joining MD&A, Charles worked for GE Power Systems / GE Energy for over 15 years. While at GE, Charles worked as a Field Engineer, a Steam Turbine instructor at Power Systems University, Manager of Methods Engineering, and Training Manager for the Service Shops. While working as an instructor at Power Systems University, Charles taught the Steam Turbine Field Engineering Program and developed and taught the advanced school on Turbine Laser Alignment.



Mr. Monestere holds a Masters of Business Administration from Union College in Schenectady, NY, and a Bachelor of Science in Marine Engineering from Massachusetts Maritime Academy

Hotel Information

Mechanical Dynamics & Analysis LLC Phone: 518-399-3616



Hotel Reservations:

EMBASSY SUITES-

SAVANNAH HISTORIC DISTRICT

605 West Oglethorpe Avenue
Savannah, GA 31401
Phone: (912) 721-6900

A **limited block** of rooms have been reserved under at a reduced rate of **\$169.00/night** plus taxes and fees, for attendees who register on or before **December 17, 2026**. Rooms book very fast this time of year so early reservations are strongly recommended. Call the hotel at (912) 721-6900 or follow the link below:



Hotel Registration Link

MD&A will provide lunch and morning/afternoon coffee breaks for attendees Tuesday - Thursday.
The 3-day program begins promptly at 8:00 AM on Tuesday and ends at 5:00 PM on Thursday

Directions / Airport Transportation / Hotel Parking:

The hotel is just 10.5 miles from the *Savannah/ Hilton Head International Airport (SAV)*

Directions: From the airport, take Gulfstream Road to GA-21 South and GA 25 Connector N/W Bay Street to West Oglethorpe Avenue.

Transportation to and from airport:

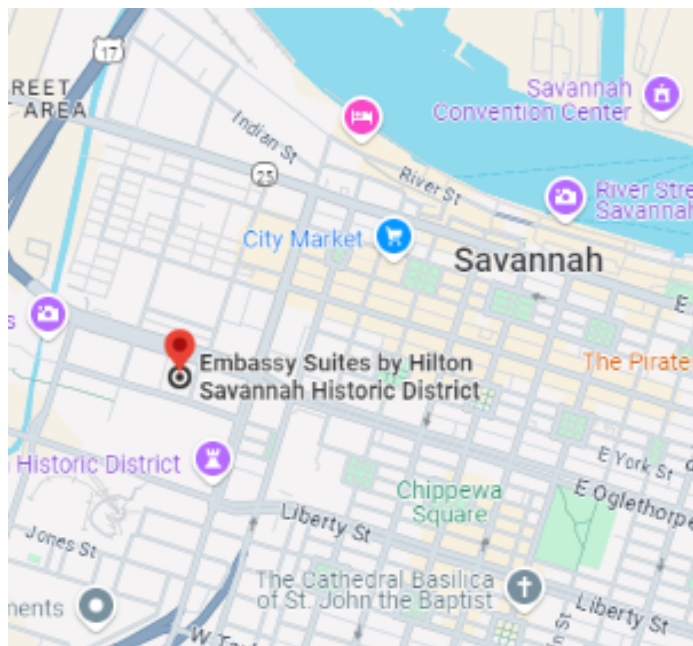
Taxi or Uber approx \$40.00-\$50.00

Hotel Parking:

Valet parking	Not Avail.
Self parking	\$30.00

Area Attractions:

- River Street
- Train Museum
- US Customhouse
- Savannah River
- City Center/ City Market
- The Olde Pink House
- Savannah Historic District
- American Prohibition Museum



Registration Information (Savannah, GA / January 5-7, 2027)

Pricing:

- \$3,195 ea. Group Rate (3 or more from the same company, registering together)
- \$3,395 ea. Single Rate (1-2 Registrants on or before December 17, 2026)
- \$3,495 ea. Late Registration Rate (after December 17, 2026)

Payment Methods Accepted:

Payment is due upon registration. The following methods of payment are accepted.

- Most major credit cards* **(If single purchase limit is less than fee, please call!)**

*American Express cards are not accepted

All registrations are completed on-line by visiting our secure website:

[2027 Steam Turbine Alignment Seminar -REGISTER HERE](#)

Regular Registration Closes December 17, 2026

Cancellation Policy

If you cannot attend the session you registered for, you may send a substitute. Please contact MD&A regarding substitutions. There is a \$300 fee for those who cancel 31 days or more from the date of the event and do not send a substitute. Those who cancel 30 days or less from the date of the event and do not send a substitute will be charged 50% of the full registration fee.

International clients are required to pay in advance by credit card.

MD&A reserves the right to cancel seminars due to low attendance.

STEAM TURBINE ALIGNMENT

GENERAL QUESTIONS should be directed to Bob Shannon (838) 250-6979, or email rshannon@mdaturbines.com

ON-LINE REGISTRATION QUESTIONS should be directed to Kelly Plunkett in our Latham, NY office: 518-399-3616, or kplunkett@mdaturbines.com