



San Francisco Service Center

Elliott's 36,000-square-foot service center in Fairfield, California is fully equipped and staffed to service all makes, models, and types of rotating equipment. Located approximately 50 miles northeast of San Francisco, the service center serves the power, chemical, petrochemical, and refining industries in the Western United States. Elliott service centers are registered to ISO 9001 or have structured quality management systems. The San Francisco repair facility specializes in the following areas of rotating equipment service:

- ♦ Single- and multi-stage steam turbine repairs
- ♦ Centrifugal compressor repairs
- ♦ Turbine governor service
- ♦ Inspections and overhauls
- ♦ Innovative weld repair technology
- ♦ Submerged arc welding
- ♦ Dynamic rotor balancing
- ♦ Full nondestructive testing by Level II technicians
- ♦ Bucket and blade repair and replacement
- ♦ Diaphragm restoration
- ♦ Gear and bearing repair
- ♦ Custom parts manufacturing
- ♦ Specialty shop machining
- ♦ Equipment upgrades and rerates
- ♦ Re-engineered modifications
- ♦ Rotor storage
- ♦ Axial compressor repair
- ♦ Hot gas expander repair

All Elliott repair facilities are staffed by qualified personnel with broad experience in repair techniques and procedures. Service is available 24 hours a day, seven days a week.

With more than a century of turbomachinery experience and a tradition of excellence, Elliott can provide you with a single, comprehensive source for all your rotating equipment needs. We know what it takes to keep your equipment performance high and your maintenance cost low.



Balancing an Elliott SNV-16 turbine rotor on 40,000-pound balancing machine.



Machining an Elliott 103M compressor rotor on a 110-inch lathe.



Overhaul and reapplication of a non-Elliott compressor with Elliott components and nameplate.

Facility

- ♦ 20-ton maximum lifting capacity, 19 feet under hook
- ♦ 4,000-square foot climate-controlled, seismic-event-protected, rotor storage building

Boring Mills

- ♦ Vertical boring mill: maximum 84-inch swing, 72-inch table diameter, 85-inch maximum work height
- ♦ Horizontal boring mill: maximum 7-foot x 4-foot table, 5-inch spindle

Lathes

- ♦ Maximum 110-inch swing, 25 feet between centers

Dynamic Balancing

- ♦ Maximum 94-inch swing, 40,000 pounds, 4 to 15.75-inch journal range

Other Capabilities

- ♦ Welding: TIG, Stick, MIG, Sub-Arc
- ♦ Surface grinder
- ♦ Drill press
- ♦ Sand blasting
- ♦ Steam cleaner
- ♦ SS turbine air testing
- ♦ Heat treating and stress relieving

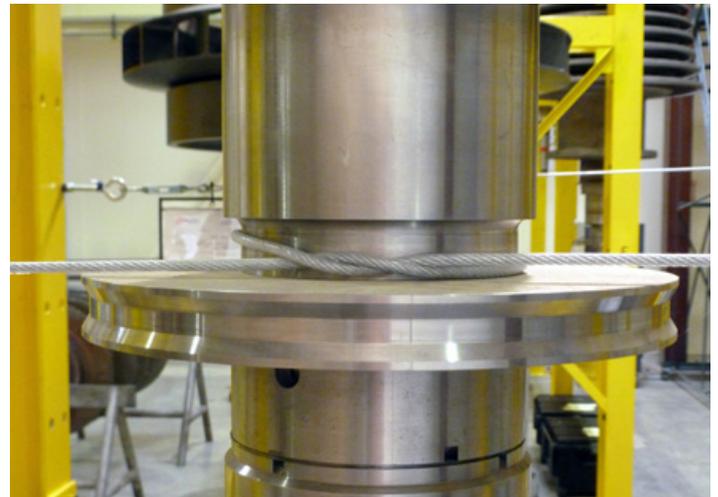
Governor Repair



Elliott's San Francisco service center is a Woodward Authorized Independent Service Facility. We have more than 30 years of experience with Woodward governors. We repair all Woodward governors and actuators used on steam and gas turbines, diesel generators, and propulsion drives, including TG, SG, EG, UG, PSG, and PG type controls. We use only Woodward manufactured and supplied replacement parts for our repairs. Customers turn to Elliott for all of their Woodward governor requirements – field service, troubleshooting, new and rebuilt controls, installation, testing, calibration, and training.



Stored rotors are tethered for additional protection against seismic activity in the 4,000-square-foot rotor storage building.



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T H E W O R L D T U R N S T O E L L I O T T



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