DESIGN

For over 60 years Teledyne Brown Engineering (TBE) has built a reputation for excellence in hardware and systems design for defense, space, marine, energy, and commercial industries. Utilizing the latest systems and software tools, our design capabilities range from microelectronics to massive structures, all of which are supported by extensive analytical expertise.

With co-located engineering, design and manufacturing, we provide engineered systems, engineering services, and hardware products that span the entire system and product lifecycle. Designs are primarily generated on CAD systems, using up-to-date software tools for analysis. Our designs are reviewed by experienced Manufacturing Engineers with fabrication experience during the design effort to obtain cost-effective design specifications, while enhancing manufacturability and meeting the system performance requirements. We take pride in generating products that meet requirements within the desired schedule at a reasonable cost.

TBE Maintains Highly-Skilled Engineers with Specializations in:
- Mechanical
- Structural
- Hydraulic
- Electrical
- Electronic
- Optical
- Embedded Software Design

TBE Offers Full System Life Cycle Capabilities
- Concept Definition
- Design Engineering
- Analysis and Modeling
- Prototype Development
- System Documentation
- Manufacturing
- System Integration
- Acceptance and Testing

Quality Approvals
Certified and compliant with industry and government quality standards.
- AS9100C Third-Party Registered
- ISO 9001:2008 Third-Party Registered
- SEI CMMI Maturity Level 3
- NASA SSP-41173 Compliant
- NQA-1 Compliant – Nuclear
- ASME – Section III – Nuclear Vessels
  - N Stamp, Nuclear Components, No. N-2983
  - NPT Stamp, Nuclear Partialts, No. N-2984
  - NS Certificate, Nuclear Support, No. N-3874
- ASME – Section VIII – Pressure Vessels
  - U Stamp, Pressure Vessels, No. 33,360
- ASNT Level III Certified – TBE has the only individual in the United States with 22 Level III certifications in Nondestructive Testing.
- P-9290 Certification for Deep Submergence Systems
- NAVSEA Notice 5000
- R Stamp, Repairs, No. R-2240
- Nadcap Certified
- Welding
- Nondestructive Testing – RT, UT, PT
- ASN Level III Certified – TBE has the only individual in the United States with 22 Level III certifications in Nondestructive Testing.
- P-9290 Certification for Deep Submergence Systems
- NAVSEA Notice 5000

From the depths of the ocean to the farthest reaches of space, Teledyne Brown Engineering is Everywhere You Look.
For more information, contact our Business Development staff at:
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