



# Manufacturing Capabilities

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Proponent has earned a remarkable record based on the premise of first-time quality and on-time delivery. Our state-of-the-art systems and equipment enhances more than a half-century of direct experience in developing innovative solutions to complex customer needs. We support prototype, tooling, and both low-volume and high-volume production quantities.



## Our Customer Service

- Transparent
- Offer solutions
- Concurrent engineering support
- Expedite services
- Quick response

## Special Concentration

- Large-part precision machining to 120"
- Complex configuration inspection
- Exotic alloy machining
- Internet link to customer part database
- Ship to stock
- Global sourcing of components, processes & materials
- ITAR process & controls

## Capabilities

- Flat pattern & mold extrusion seals – cutting & bonding
- Water jet machining
- CNC multi-axis machining, horizontal and vertical
- High-speed machining software
- Interactive CAD/CMM systems
- Turnkey design, fabrication, finishing, assembly
- Traceability, certification, testing
- Build-to-print machined & assemblies complete
- Raw materials in stock for common manufactured gaskets to shorten lead times
- Sinker EDM

## Quality Approvals / Certifications

- AS9100/ ISO9001 Certified
- Boeing Approved QMS as defined by D1-4426
- FAA AC 00-56B

## Preferred Supplier Status

- Registered with DLA (Defense Logistics Agency)
- Boeing inspection delegations
- Boeing-approved fabrication – high strength low-alloy steel
- Honeywell-approved – fabrication & inspection delegation

## Processing Convenience

- 100% complete build to print responsibility acceptance
- Added value can be realized by our proximity to all processing facilities located in Southern California

## Technology

We consistently invest in the latest technology and equipment to assure the capabilities needed to meet the demands of the industry.

- State-of-the-art ERP system
- Real-time tracking
- Design/materials assessment
- Turnkey processing
- Assembly/finishing to final

## Equipment

### WATER JET

- (1) OMAX Waterjet, work area 48" X 96"

### MILLS

- (1) BRIDGEPORT, 12" X 42"

### CNC KNIFE

- (1) ATOM 3015, work area 120" X 61"



# Equipment

## CNC MILLING CENTERS

- (1) VF-4 3 axis / (2) VF-4 4 axis
- (1) HAAS VF-6, (3) axis work area 64" x 32"
- 4 axis+1 positional 10" dia. maximum work piece
- (1) HAAS EC-1600YZT, 4-axis, work area 62" X 48"
- (1) HAAS VF-10, work area 118" X 28"
- (3) HAAS VF-4SS, work area 18" X 48"

## CNC TURNING CENTERS

- (1) HAAS ST-10, 8" maximum turning dia.
- (1) HAAS ST-20, 10" maximum turning dia.
- (1) HAAS ST-30Y, 14" maximum turning dia.
- (1) HAAS ST-30, 12" maximum turning dia.
- (1) HAAS ST-40LBB, 20" maximum turning dia.

## SINKER EDM MACHINES

- (2) MITSUBISHI EA12PSM, work area 15.75" X 11.81" X 11.81"

## INSPECTION EQUIPMENT

- (1) MITUTOYO CMM B-231, work area 28" X 24" X 18"
- (1) MITUTOYO CMM BN715, work area 24" X 60" X 28"
- (2) Hexagon Absolute 85 portable CMM, AS1 laser scanner. 9.7 ft range
- (1) FARO Quantum S 8.2 ft range
- (1) WILSON Hardness Machine "Rockwell" – A, B and C Scales
- (2) Precision surface plates from 36" to 60"
- (1) 14" Scherr – Tumico Optical Comparator
- (1) TESA 28" Electronic Height Gauge



## SOFTWARE

