

The logo for OSANTS, featuring the letters 'O', 'S', 'A', 'N', 'T', 'S' in a bold, sans-serif font. The 'O' is white with a blue outline, and the 'A' is blue with a white outline. The remaining letters are solid blue. The logo is positioned in the top left corner of the image.

OSANTS

AEROSPACE SOLUTIONS

2026 CATALOG

Precision Engineered Components
for the Aerospace Industry

From precision-engineered components to complex assemblies, we deliver innovative, reliable solutions that meet the rigorous demands of aerospace applications.



Download Catalog

AIRFRAME COMPONENTS



Precision-engineered airframe components built for strength, reliability, and flight-ready performance.



FITTINGS & FLANGES



- Hydraulic fittings
- Fuel system fittings
- Tube fittings
- Aerospace flanges

BRACKETS & SUPPORTS



- Structural brackets
- Mounting supports
- Equipment supports
- Sensor mounts

HINGES & LATCHES



- Access panel hinges
- Door latches
- Retention systems
- Locking mechanisms

FASTENERS & RIVETS



- Aerospace bolts
- Titanium fasteners
- Rivets
- Locking hardware

BUSHINGS & BEARINGS



- Precision bushings
- Sleeve bearings
- Bearing assemblies
- Wear components

MACHINED PARTS



- CNC machined components
- Turned parts
- Milled parts
- Precision assemblies

STRUCTURAL COMPONENTS



- Airframe fittings
- Reinforcement structures
- Load-bearing components
- Aircraft support structures

OSANTS ADVANTAGE

-  LIGHTWEIGHT MATERIALS
-  TIGHT TOLERANCES
-  CORROSION RESISTANCE
-  AEROSPACE-GRADE QUALITY



ENGINE COMPONENTS

Precision-engineered engine components built for maximum performance, durability, and efficiency.



TURBINE BLADES



- ✓ Compressor blades
- ✓ Turbine blades
- ✓ Vanes
- ✓ Custom blade components

SHAFTS & DISCS



- ✓ Rotor shafts
- ✓ Engine shafts
- ✓ Discs
- ✓ Precision rotating hardware

COMPRESSORS & ROTORS



- ✓ Compressor rotors
- ✓ Impellers
- ✓ Rotor assemblies
- ✓ Precision balancing components

SEALS & SEAL RINGS



- ✓ Engine seals
- ✓ Seal retainers
- ✓ Ring assemblies
- ✓ Thermal barrier components

BEARINGS & HOUSINGS



- ✓ Bearing carriers
- ✓ Engine housings
- ✓ Support assemblies
- ✓ Precision machined housings

COMBUSTION COMPONENTS



- ✓ Combustor liners
- ✓ Fuel nozzles
- ✓ Ignition hardware
- ✓ Heat-resistant components

ENGINE ACCESSORIES



- ✓ Mounting hardware
- ✓ Accessory brackets
- ✓ Fuel system hardware
- ✓ Auxiliary components

OSANTS ADVANTAGE



HIGH-TEMPERATURE ALLOYS



PRECISION BALANCING



FATIGUE RESISTANCE



FAA-COMPLIANT SOURCING





HARDWARE & PRECISION MANUFACTURING

Precision-engineered hardware and manufacturing solutions built to aerospace standards and exacting specifications.



FASTENERS



- ✓ Aerospace bolts
- ✓ Screws
- ✓ Nuts
- ✓ Washers

CLAMPS



- ✓ Tube clamps
- ✓ Cushion clamps
- ✓ Support clamps
- ✓ Mounting clamps

SPRINGS & RETAINERS



- ✓ Compression springs
- ✓ Retaining rings
- ✓ Locking devices
- ✓ Custom spring solutions

PRECISION FABRICATION



- ✓ CNC machining
- ✓ Sheet metal fabrication
- ✓ Welded assemblies
- ✓ Precision finishing

SURFACE TREATMENTS



- ✓ Anodizing
- ✓ Passivation
- ✓ Coatings
- ✓ Corrosion protection

CUSTOM ASSEMBLIES



- ✓ Subassemblies
- ✓ Kitting
- ✓ OEM replacement parts
- ✓ Build-to-print manufacturing

OSANTS ADVANTAGE

- **TIGHT TOLERANCES**
Precision components built to exacting specifications.
- **GLOBAL SOURCING**
Access to qualified suppliers and worldwide capabilities.
- **PRODUCTION SCALABILITY**
Solutions that scale from prototypes to high-volume production.
- **QUALITY ASSURANCE**
Rigorous inspection and testing for consistent quality.





AVIONICS & ELECTRICAL SYSTEMS

High-performance avionics and electrical components engineered for safety, reliability, and seamless integration.



CONNECTORS & ADAPTERS



- ✓ Circular connectors
- ✓ MIL-spec connectors
- ✓ RF connectors
- ✓ Adapter assemblies



WIRE HARNESSSES



- ✓ Custom harnesses
- ✓ Cable assemblies
- ✓ Shielded wiring
- ✓ Aircraft wiring kits



AVIONICS MODULES



- ✓ Electronic enclosures
- ✓ Communication modules
- ✓ Interface units
- ✓ Control modules



POWER SUPPLIES



- ✓ Aerospace power systems
- ✓ DC converters
- ✓ Power distribution units
- ✓ Backup power modules



SENSORS & SWITCHES



- ✓ Position sensors
- ✓ Pressure sensors
- ✓ Temperature sensors
- ✓ Aircraft switches



CIRCUIT PROTECTION



- ✓ Circuit breakers
- ✓ Fuse assemblies
- ✓ Protection modules
- ✓ Relay systems



EMI / EMC COMPONENTS



- ✓ Shielding assemblies
- ✓ Filters
- ✓ Grounding hardware
- ✓ EMI suppression devices

OSANTS ADVANTAGE



MIL-SPEC COMPLIANT



ENVIRONMENTAL SEALING



EMI PROTECTION



FLIGHT-READY RELIABILITY



CUSTOM ENGINEERING OF PRECISION COMPONENTS, ASSEMBLIES AND GLOBAL SOURCING SOLUTIONS

OSANTS is your trusted partner for high-quality aerospace components and assembled solutions. We work with qualified suppliers to deliver products that ensure safety, reliability, performance, and on-time delivery for every application.

SERVING THE AEROSPACE INDUSTRY

Solutions built for safety, precision, and mission-critical performance.



ENGINE SYSTEMS



CABIN & INTERIOR SOLUTIONS



STRUCTURES & AIRFRAME



AVIONICS & ELECTRONICS



LANDING GEAR & ACTUATION

CUSTOM MANUFACTURING SOLUTIONS

- ✓ CNC Machining
- ✓ Sheet Metal Fabrication
- ✓ Additive Manufacturing
- ✓ Precision Assemblies
- ✓ Finishing & Coatings
- ✓ Kitting & Sub-Assemblies

ENGINEERING SOLUTIONS

- ✓ CAD Review
- ✓ Design for Manufacturability
- ✓ Prototype Development
- ✓ Value Engineering
- ✓ Process Optimization
- ✓ Reverse Engineering

GLOBAL SUPPLY CHAIN MANAGEMENT

- ✓ Worldwide Sourcing
- ✓ Supplier Qualification
- ✓ Production Oversight
- ✓ Logistics Coordination
- ✓ Custom Packaging
- ✓ Delivery Management

QUALITY ASSURANCE SOLUTIONS

- ✓ Incoming Inspection
- ✓ In-Process Verification
- ✓ FAI / PPAP Support
- ✓ Testing & Certification
- ✓ Documentation & Traceability
- ✓ Continuous Improvement

DEDICATED SOLUTIONS

- ✓ Program Management
- ✓ Technical Support
- ✓ On-Time Delivery
- ✓ After-Sales Support
- ✓ Long-Term Partnerships

STANDARDS & CERTIFICATIONS – CERTIFIED SUPPLIER PER AS9100D / ISO 9001

ISO 9001

AS9100D
Aerospace Quality Management

Nadcap
Nadcap Accredited Processes

ITAR
ITAR Compliant

RoHS
Compliant

REACH
Compliant

OSANTS ADVANTAGES

- ✓ Specialized solutions for aerospace programs
- ✓ High quality and mission-critical reliability
- ✓ Weight optimization and performance focus
- ✓ Strict adherence to industry standards
- ✓ Corrosion-resistant materials and finishes
- ✓ Scalable production from prototype to production
- ✓ Global supply chain with on-time delivery



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PRECISION. PERFORMANCE. PARTNERSHIP. ENGINEERED FOR FLIGHT.