



SINCE 1979



PROFESSIONAL ENGINEERING SERVICES

GSA Schedule 871, SINs 1 through 6

www.adceng.com

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COMPANY AND GSA CONTRACT INFORMATION

Company Information

ADC Engineering Technology, Inc.
268 East Gardena Blvd.
Gardena, CA 90245
Veteran Owned Small Business

Main Phone: (310)756-1112

Fax: (310)756-1129

E-mail: Info@adceng.com

Web Site: www.adceng.com

GSA Contract Information

Contract Type: 871 Professional Engineering Services

Contract No.: GS-23F-0201S

Approved Mechanical Engineering for all Special Item Numbers (SIN)

SIN 871-1 Strategic Planning For Technology Programs/Activities

SIN 871-2 Concept Development and Requirements Analysis

SIN 871-3 System Design, Engineering and Integration

SIN 871-4 Test and Evaluation

SIN 871-5 Integrated Logistics Support

SIN 871-6 Acquisition and Life Cycle Management

GSA Contact Point at ADC ... Bruce Denning, (310)756-1115, bdenning@adceng.com

ENGINEERING LABOR RATES

APPROVED GSA PRICE LIST

Labor Category	BASE YEARS				
	2006	2007	2008	2009	2010
Sr. Corporate Advisor		154.14	158.92	163.84	168.92
Program Manager		143.49	147.94	152.52	157.25
Project Manager		135.41	139.61	143.94	148.40
Sr. Engineer		128.64	132.63	136.74	140.98
Engineer *		97.64	100.67	103.79	107.01
Jr. Engineer		49.65	51.19	52.78	54.41
Contracts Administrator		52.13	53.75	55.41	57.13

Discount Rates

Per our GSA Contract we offer the following discounts based on the volume of work contracted:

\$200,000-\$400,000: %0.5 discount
\$400,001-\$600,000: %1.0 discount
\$600,001-\$750,000: %1.5 discount
\$700,001 and over: %2.0% discount

LABOR CATEGORY DESCRIPTIONS

Senior Corporate Advisor ~ Minimum/General Experience: Minimum of ten years experience in related field and ten years corporate management experience. ~ **Minimum Education:** BS Degree or equivalent

Functional Responsibility: Develops, directs, coordinates, and controls technical and administrative activities for multiple programs. Supervises multiple Program Managers in the execution of their programs. Reviews and maintains quality of technical work for multiple programs. Reviews and maintains responsibility of program financial data for multiple programs. Makes technical judgments and provides advice on the resolution of technical, schedule, performance, or budgetary problems for all programs.

Program Manager ~ Minimum/General Experience: Minimum of ten years technical experience in related field and five years management experience, Minimum Education: BS Degree or additional 5 years relevant experience

Functional Responsibility: Develops program budgets and feeds the effort of the technical and support staff manning requirements; monitors technical progress and cost status; develops program plans. Provides Technical leadership to a group of scientists, engineers, technicians, etc., engaged on a major program (normally funded at an annual level of \$500,000 or more) in a specialized area of technology. Reviews and approves program deliverables prior to submittal to customer. Prepares responses to delivery orders received from the customers; coordinates technical and cost data internally and with customer. Prepares and delivers briefings for formal interchanges with customer management. Develops staffing plans and manages the utilization of resources to meet customer schedules and requirements.

Project Manager ~ Minimum/General Experience: Minimum of ten years experience in related field, including supervisory or management experience. Minimum Education: BS Degree or additional five years relevant experience.

Functional Responsibility: Plans, directs, coordinates, and controls technical and administrative activities for an entire project. Planning and directing business improvements and project management implementation. Plans and manages production sequences, develops and maintains in-process controls and schedules, conducting an evaluating risk analysis. Manages a diverse group of functional activities and subordinate groups of technical and administrative personnel. Oversees the technology development and/or application, marketing and resource allocation within assigned projects. Reviews and maintains the quality of technical work performed on the project. Makes technical judgments and provides advice on resolving problems. Ensures goals and objectives of project accomplished within contract terms and conditions. Maintains the development and execution of business opportunities based on broad, general guidance. Interfaces with client management personnel and is adept in verbal and written communications.

LABOR CATEGORY DESCRIPTIONS

Continued

Senior Engineer ~ Minimum/General Experience: Minimum of ten years experience ~ **Minimum Education:** BS Engineering Degree (appropriate discipline) or additional five years relevant experience.

Functional Responsibility: Plan and direct multi-disciplined engineering projects. Directs and conducts the system concept studies and development, requirements analysis and/or engineering design and support activities. Plans and develops analysis techniques, test and evaluation procedures and test support requirements. Interface with customer planners and systems users to define and analyze requirements. Establishes system safety requirements and ultimately responsible to maintain high Quality Standards. Review task proposal requirements, gather information, analyses, evaluates alternative technical approaches and costs and prepares project synopses.

Engineer ~ Minimum/General Experience: Minimum of six years experience ~ **Minimum Education:** BS Engineering Degree or additional five years relevant experience.

Functional Responsibility: Assists senior engineering staff and executes engineering tasks, including test and evaluation procedures and test support requirements. Conducts system concept development, requirements analysis and/or engineering design and support activities. Interfaces with customer planners and systems users to define and analyze requirements. Provides engineering and programmatic guidance, plans and coordinates tasks, ensures technical adequacy of product, ensures compliance with technical standards, delivers presentations, coordinates resources and budgets. Engineer oversees physical testing of product or system.

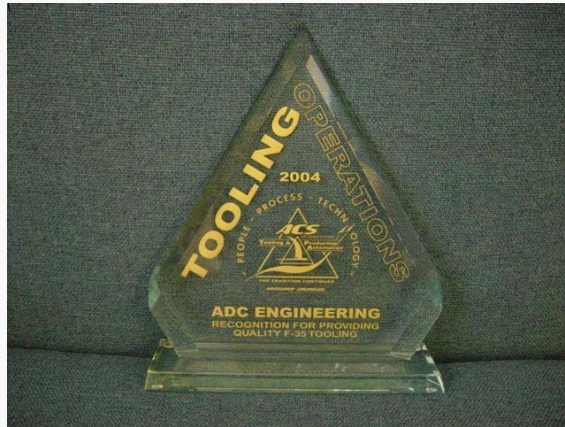
Junior Engineer ~ Minimum/General Experience: Entry Level Engineering ~ **Minimum Education:** Two years of technical college or professional training, plus two years of related experience.

Functional Responsibility: Assists engineering staff in locating parts appropriate for procurement, prototype assembly and testing, project presentations, computer aided design and detailing of model development, document control functions, Physical testing of product and system safety.

Contracts Administrative Assistant ~ Minimum/General Experience ~ Minimum Education: Professional training, plus two years of related experience.

Functional Responsibility: The Contract Administrative Assistant provides general support to the FAA contract Team and to the contractor support team in the following areas; preparation of purchase requests and entry of financial data, maintains contract documentation, assists in data collection and reporting for market surveys, research and editing of materials for newsletters, WEB sites, and other publications and documentation, analysis of invoices and maintenance of spreadsheets relating to budget and resource use and allocation.

AWARDS AND RECOGNITIONS






DEPARTMENT OF THE ARMY
 CORPUS CHRISTI ARMY DEPOT
 386 CROCKET STREET
 CORPUS CHRISTI TX 78410-8206

AMSAM-CC-CO 19 January 2005

ADC Engineering Technology Inc.
 208 East Gardens Blvd.
 Gardena, CA 90248-2814

I wish to express my personal appreciation for a job well done during the design, fabrication and installation of the UH-60 Helicopter Alignment and Refurbishment Fixture at the Corpus Christi Army Depot. ADC Engineering Technology Inc. successfully provided the UH-60 fixture, with it's enhanced leading edge computer and laser capabilities, in time to meet CCAD's increased production schedule requirements from the present overseas activities.

The knowledge, efficiency, and skill displayed by the assigned personnel from ADC Engineering Technology Inc. significantly contributed to the successful completion of the project. Your company's efforts have resulted in a state-of-the-art alignment fixture which will reduce helicopter repair and rework operations in support of the Soldier in the field and the ability to provide aircraft to the WAR FIGHTER faster, on time and with the highest quality.

Sincerely,


TIMOTHY A. SASSENATH
 Colonel, Aviation
 Commanding

Congress of the United States
 House of Representatives
 Washington, DC 20515-1111
 January 20, 2005

Ribbon Cutting Ceremony
 Hangar 45
 Corpus Christi Army Depot
 Corpus Christi, TX

Dear Friends:

While official business keeps me in Washington today for the 55th Presidential Inaugural, I wanted to wish you the very best as you cut the ribbon to celebrate this technology.


I am pleased about the joint effort between ADC Engineering Technology, Inc. and Corpus Christi Army Depot on the UH-60 AMAR. ADC Engineering Technology Inc. has provided an innovative step forward in the development of military technologies and your hard work is recognized.

In recent years, the nature of the United States' military operations has required quick deployment of our aircraft and rapid repair of equipment. This technology will improve our operations on several levels by determining the precise measurements needed for these processes. Your vital work will help us ensure the safe transport of our troops.

I congratulate both ADC Engineering Technology and CCAD on the completion of this project. It is my hope that the success of this partnership would serve as a model for future relationships between government and the private sector.

With kindest regards, I am

Sincerely,


Solomon P. Ortiz
 Member of Congress

SPOetec

RESOURCES AND EXPERIENCE

- Engineering Services Since 1979.
- Approved Design and Fabrication Supplier to Most Major Aerospace Prime Contractors.
- Serviced over 500 Customers.
- Major Aerospace Program Support.
- Significant CAD Resources and Experience.
- Focused on Integrated Tooling Support Concept.
- 500,000 sq. ft. Tool Design and Fabrication Facility
- Veteran Owned Small Business
- GSA 871 Professional Engineering Contract
(GS-23F-0201S)

MECHANICAL ENGINEERING DISCIPLINES

Tooling Design/Build (See Tooling Categories)

Machine Design

PRODUCT MODELING
DETAIL DESIGN
DRAFTING
SCHEMATICS
TOLERANCE ANALYSIS

Structural Analysis

FINITE ELEMENT ANALYSIS
KINAMATICS
VIBRATION AND FLUTTER
DEFLECTION STUDIES
TEMPERATURE AND HEAT TRANSFER

Manufacturing Methods

PROTOTYPE
PRODUCTION

Material Selection and Testing

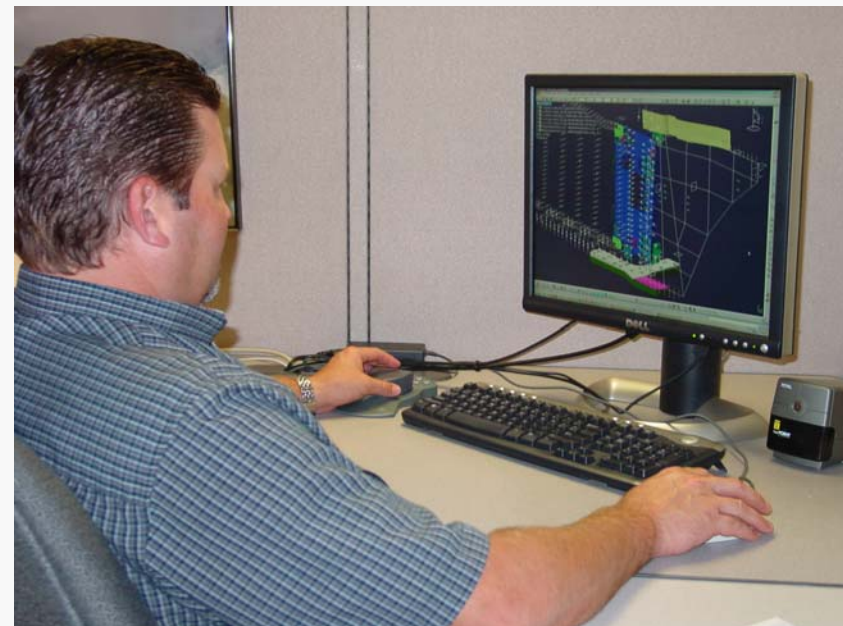
Component Selection and Testing

PNEUMATIC
ELECTRICAL
HYDRAULIC

Component Selections

Modeling and Simulations

Optimization Studies



TEST AND EVALUATION

Testing services offered by ADC cover a wide range of categories. Each test activity is preceded by the development of a detail Test Plan covering testing procedures, testing equipment requirements and specification requirements. Measured results are compared against requirement specifications and a Compliance/Deviation report generated. ADC has conducted test and evaluations for the following types of projects.

Proof of Concept Testing

- PROTOTYPE AND SCALED CONFIGURATIONS
- THEORETICAL MODELS
- SIMULATION OF OPERATIONAL CONDITIONS

Load and Strength Testing

- STRUCTURAL LOADING
- DEFLECTION AND RUPTURE TESTING
- TOOL PROOFING
- TESTING OF ENVIRONMENTAL EFFECTS
- VARIFICATION OF ANALYTICAL PREDICTIONS

Life Cycle Testing

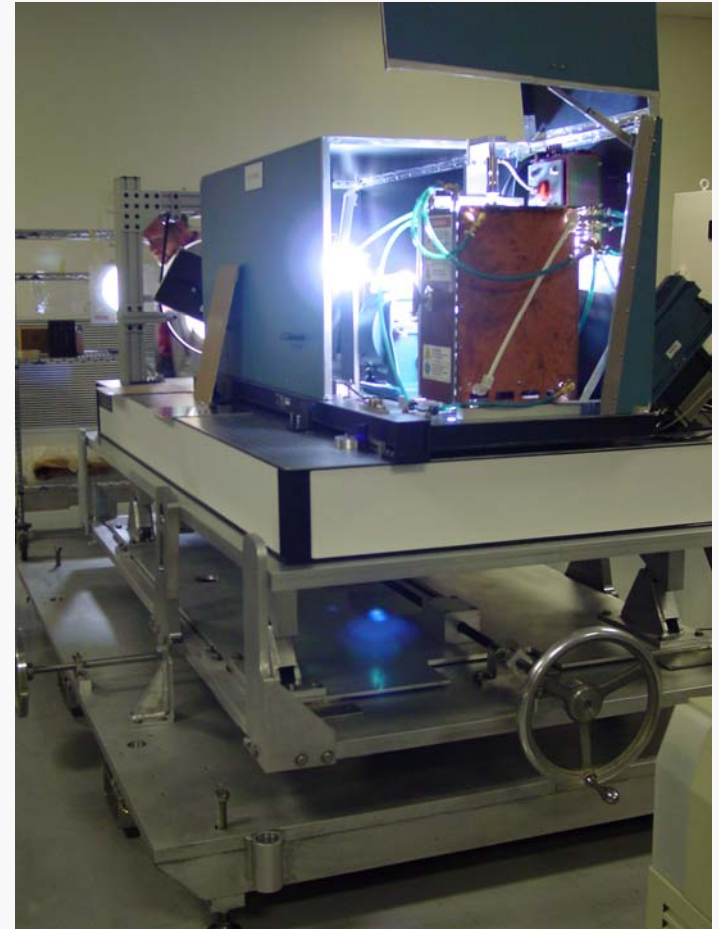
- REPETITIVE CYCLING
- ENDURANCE TESTING
- OPERATIONAL IMPACTS
- VIBRATION AND FLUTTER TESTING

Functional Test

- PERFORMANCE RANGE TESTING
- ACCURACY TESTING
- EFFICENCY TESTING
- FIRST ARTICLE TESTING



SCIENTIFIC TEST EQUIPMENT



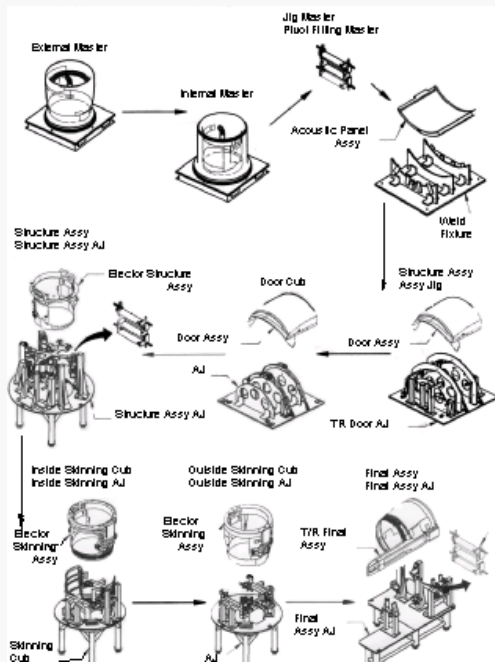
Engineering and Manufacturing Services

- Engineering Services
 - Manufacturing Approaches and Planning
 - Concepts and CAD Modeling
 - Detail Designs From CAD Models
 - Structural Analysis
 - Documentation and Tool Usage Training
 - Tooling Software Development
- Tooling and Prototype Manufacturing Services
 - Tool Fabrication
 - Tool Load Testing
 - Laser Tracker, CMM and Valisys Inspection
 - Tool Installations

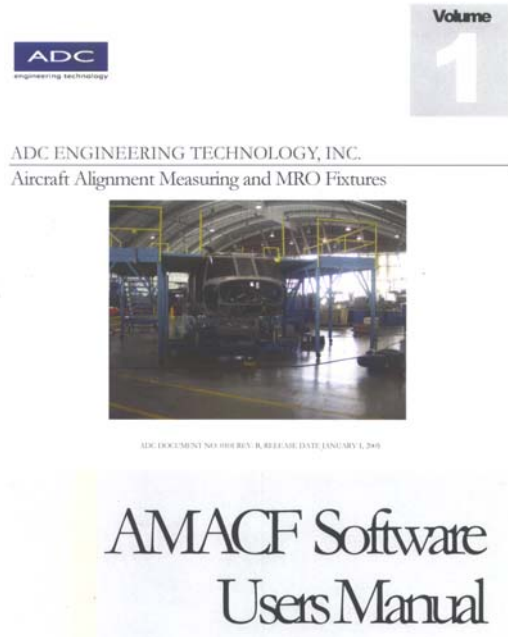


OTHER SUPPORT SERVICES

Staged Assembly Planning



Automated Control Development



Laser Tracker/ Tooling Fixture Integration



DESIGN RESOURCES

- Senior Level Engineering Staff
- CATIA IV and V supported
- Also Pro-Engineer, Unigraphics, AutoCAD Systems
- Modelers, Designers and Checkers
- Manufacturing Engineers
- NC Programmers
- Licensed Stress Analysts
- High Bandwidth Communications for File Transfers
- Project Management Software / Systems

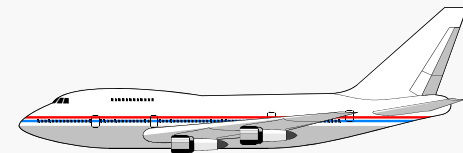
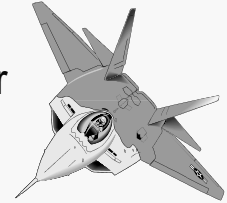
FABRICATION RESOURCES

- Experienced Tool Builders
- 5 – Axis CNC Gantry Mills
- 4 – Axis CNC Horizontal Mills
- Conventional Machines
- Fabrication / Welding Department
- Soft Tooling Department
- Laser Tracker and CMM
- Vericut / Valisys Software



MAJOR PROGRAMS SUPPORTED BY ADC

- Boeing 717, 777, 747-400, 767, 767 Cargo, MD-11, C-17, F-18 E/F
- Space Titan IV, Delta Clipper, Delta II, III, IV, Space Station, Orion Orbiter
- Boeing Rocketdyne X-33, RS-68, Space Shuttle
- Boeing Satellite Programs
- Sikorsky Blackhawk 60L and 60M
- Northrop-Grumman F/A-18 E/F and F-35
- Lockheed F-22, X-33, JSF, Atlas V
- Raytheon Premier I, Texan II, Horizon, Starship I
- L3 Sofia, Oceans Systems Projects
- Bombardier CRJ-700
- MD-Helicopter APACHE Long Bow, NOTAR
- AliantTechSystems ~ Thiokol Rockets
- Eclipse 500
- Gulfstream V, Really Quite Hush Kit
- Bell V-22
- Airbus, Piper Meridian and many others
- US Army, Nat. Guard and Coast Guard Maintenance Tools



TOOLING CATAGORIES

- Assembly Jigs
- Bond Jigs and Forming Tools
- Handling Tools and Slings
- Transport Dollies and Containers
- Build Pallets and Weld Fixtures
- Workstands and Lifts
- Alignment Tools and Check Fixtures
- Mill Fixtures
- Mass Simulators
- Special Tooling
- Tool Refurbishments

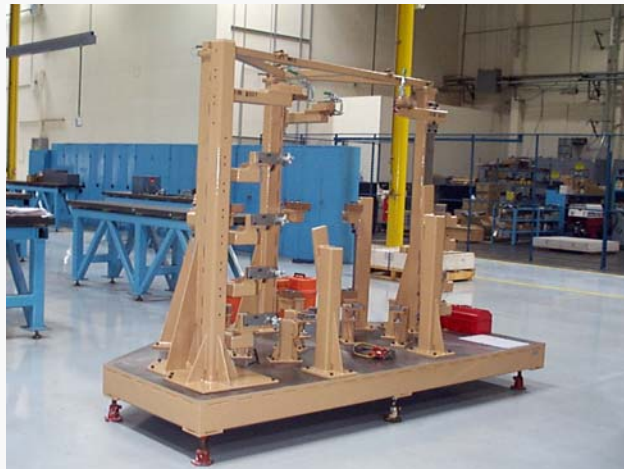
ASSEMBLY JIGS



LOWER FUSELAGE AJ



VERTICAL STABILIZER FINAL AJ



ENGINE COWLING AJ



HORIZONTAL STABILIZER FINAL AJ

ASSEMBLY AND TRANSPORT FIXTURE



F-35 CENTER FUSELAGE

BOND AND FORMING TOOLS



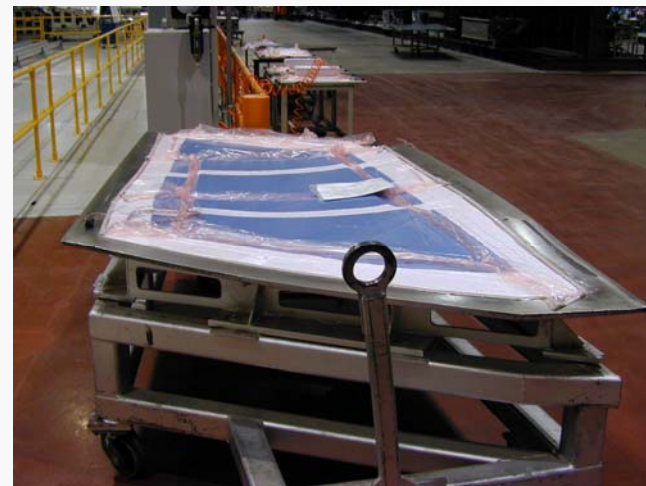
ELEVATOR BOND TOOL



HORIZONTAL STABILIZER BOND TOOL



HORZ SKIN DETAIL BOND TOOL



VERT ASSY SKIN BOND TOOL

HANDLING EQUIPMENT AND CONTAINERS



TRANSPORT SYSTEM



HYDRAULIC ROTATION FIXTURE



LIFTING SLING

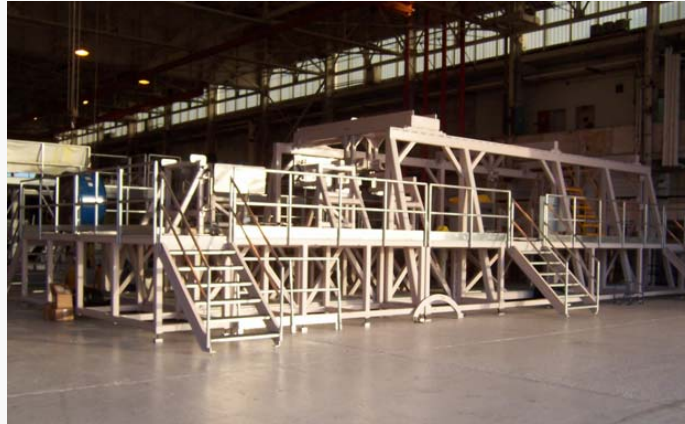


SHIPPING CONTAINER (Open) Page 21

AIRCRAFT LASER ALIGNMENT FIXTURES



Blackhawk Hard Locator
Laser Alignment Fixture



Apache Hard Locator
Laser Alignment Fixture



Blackhawk Soft Locator
Laser Alignment Fixture

TRANSPORT DOLLIES AND BUILD PALLETS



EXHAUST DUCT AJ



GAS GENERATOR DOLLY



NOZZLE TRANSPORT



MCC TRANSPORT



BUILD PALLET



TURBO PUMP AJ

SCISSOR LIFTS AND WORK STANDS



CRADLES AND CHECK FIXTURES



DELTA IV TEMPLATE SETUP CHECK FIXTURE

MASS SIMULATORS



RS-68 ROCKET ENGINE MASS SIMULATOR

MILL FIXTURES AND HOLDING TOOLS



VACUUM MILL FIXTURE



VALVE ALIGNMENT TOOL



TOMBSTONE HOLDING TOOL

MASTER TOOLS



ORION STAGE INTERFACE MASTER

SPECIAL TOOLS



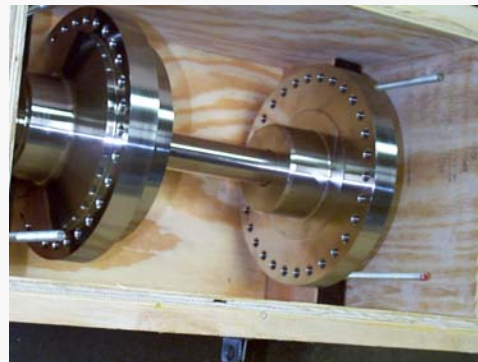
SPECIAL PLATING RACKS



TEST FIXTURE



MILL FIXTURE



VALVE TEST FIXTURE



HOLDING FIXTURE

SUMMARY OF ENGINEERING SERVICES

- Engineering Customer Interfaces
- Senior CAD Oriented Designers
- Certified CAD System Compliances and High Speed Communications
CATIA, Pro-Engineer, Unigraphics, AutoCAD, Mechanical Desktop
- Design Only, Design/Fab, Build-To-Print, Tool Re-Fab
- Full Range of Manufacturing Support Services
Production Planning, Concepts, Design, Testing and Usage Documentation
Fabrication and Inspection
Installation and Training
- GSA 871 Professional Engineering Contract