

ABOUT RGSBI

RGSBI incorporated in 1997 in the State of Michigan, USA is providing high quality Engineering from Concept-to-Delivery for the Aerospace, Automotive and Manufacturing Industries by reducing cost and lead-time.

With presence in FIVE countries: USA (Headquarters), Canada, Germany, China and India, RGSBI is able to meet customer expectations globally by being local to our clients. RGSBI offers low cost offshore Engineering design services to its clients by leveraging our Global Technical Center located in Bangalore, India.

RGSBI follows AS9100: 2004 Rev B and ISO 9001:2000 processes to provide quality and valuable solutions to its clients.

FACTS ABOUT RGSBI

- ❑ AS9100: 2004 Rev B Certified by Perry Johnson Registrars
- ❑ RGSBI USA ISO 9001:2000 Certified by DNV
- ❑ Global Technical Center in Bangalore (India), ISO 9001:2000 Certified by BVQI
- ❑ Ranked **Top Diversity Owned Business** in **2005 & 2006** by Diversity Business, Inc
- ❑ Proven expertise working with Aerospace, Automotive, Locomotive and Manufacturing OEMs and Tier-1 Suppliers
- ❑ Process Driven Outsourcing Capabilities.
- ❑ Minority Business Enterprise Certified by MMBDC – Michigan Minority Business Development Council



Engineering Design Services for the Aerospace Commercial and Defense sectors

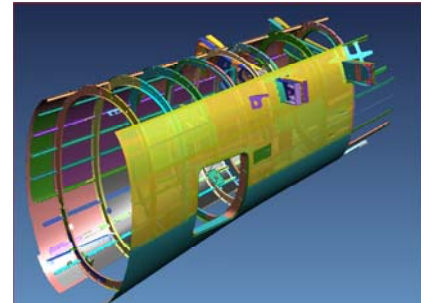
Services	Description	Software Tools
Product design and development Services	<ul style="list-style-type: none"> ▪ Product Design ▪ CAD – 3D modeling and 2D detailing ▪ Engineering Changes ▪ Tolerance Stack-up ▪ Value Analysis & Value Engineering (VAVE) ▪ Reverse Engineering 	<ul style="list-style-type: none"> ▪ Pro/Engineer ▪ Unigraphics ▪ I-DEAS ▪ Catia ▪ AutoCAD ▪ Solid Edge ▪ Solidworks
CAE Services	<ul style="list-style-type: none"> ▪ Finite Element Modeling ▪ Linear & Non Linear Static Analysis ▪ Dynamic Analysis – NVH ▪ Thermal Analysis ▪ Crash Simulation ▪ Computational Fluid Dynamics ▪ Acoustics ▪ Design and Weight Optimization 	<ul style="list-style-type: none"> ▪ Ansys ▪ LS-Dyna ▪ Hypermesh ▪ Abacus ▪ Nastran ▪ Patran ▪ CFX /Fluent ▪ Comet
Tool Design	<ul style="list-style-type: none"> ▪ Plastic Mold Design ▪ Sheet Metal Die ▪ Mold Flow Analysis 	<ul style="list-style-type: none"> ▪ Unigraphics ▪ Pro/Engineer ▪ Moldflow

Engineering Services to Aerospace Industry

Aero Structures:

RGBSI offers Engineering design and development services on Aero Structures in the following areas to aircraft manufactures, OEMs and Tier-1 suppliers.

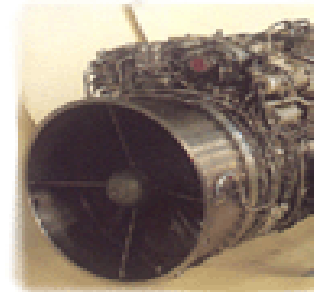
- Fuselage
- Aerodynamic studies
- Cabin interiors
- Flap track beam
- Digital mock up
- Tail cone



Aero Engines:

RGBSI offers engineering design and development services from concept to product. We offer 3D Modeling and 2D detailing for aero engines and derivatives including all major subsystems/accessories such as:

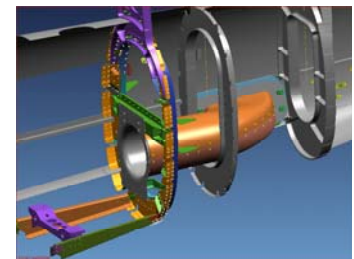
- Nozzle structure
- Nacelle structure
- Bearing supports
- Blades, Discs, Casings, Shafts



Aero Systems:

RGBSI – Aero Systems offerings help meet the high quality and safety critical demands of our clients. Some of the areas that we provide Engineering are:

- Landing gear
- Braking systems
- Interiors
- Hydraulic system
- Fuel systems



Interiors and Seating:

RGBSI provides engineering competencies for Aerospace interiors and seating systems. Some of the areas we support are:

- Seat Tracks
- Seating Systems
- Ergonomic Studies



Technical Publications:

RGBSI offers Technical Publications services such as:

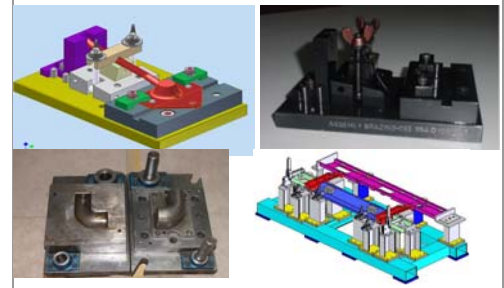
- Technical Writing
- Technical Illustration
- Illustrated Parts Catalog Graphics
- Illustrations for Repair and Inspection Procedures
- Conversions: Legacy Data in to SGML / HTML / XML formats



Collaborative Manufacturing - Design, Development & Build:

RGBSI through its collaborative manufacturing initiatives have successfully designed developed and built various aerospace components. We can provide:

- NC Programming
- Design of Jigs & Fixtures
- Tool Design
- Supply of manufactured components



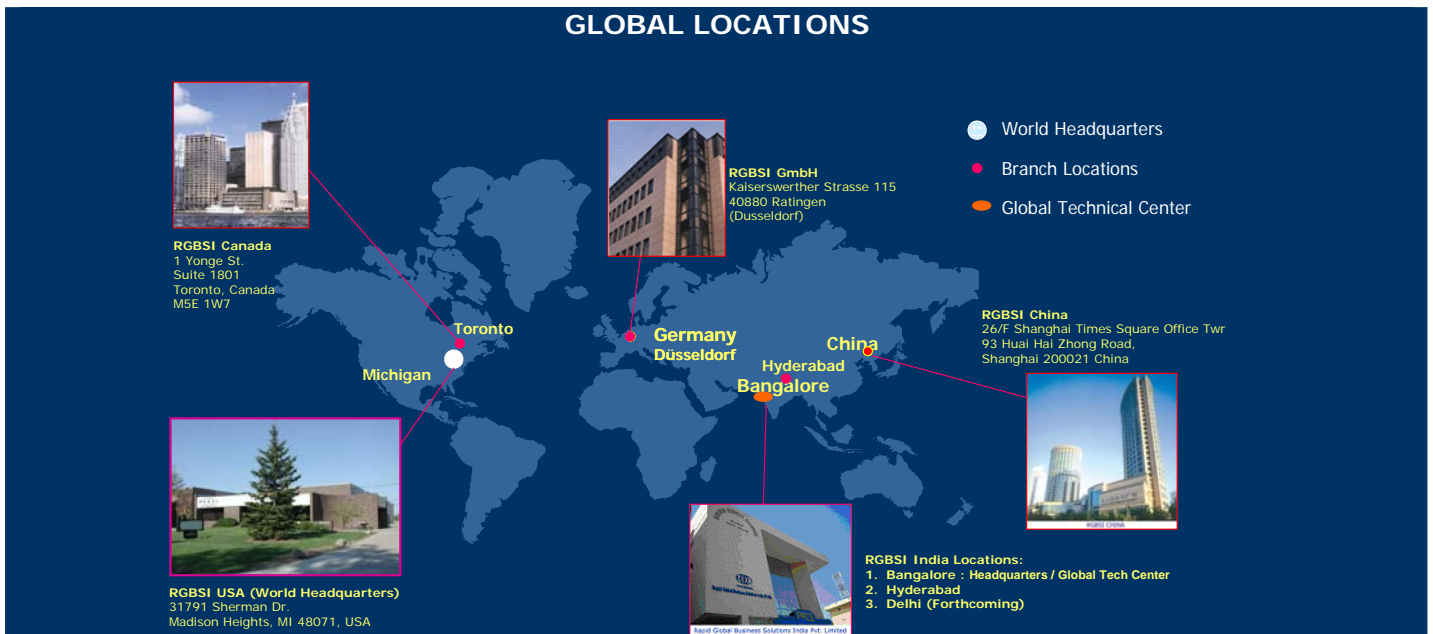
GLOBAL TECHNICAL CENTER (GTC) – BANGALORE, INDIA



FACILITY

Centrally located in Bangalore, India with spacious facility specially designed for CAD/CAM/CAE environment. RGBSI provides 24x7 service to its clients worldwide with different time zones.

GLOBAL LOCATIONS



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