

DEFENCE CAPABILITIES

ON LAND



IN THE AIR



AT SEA



TULMAR

Company Overview



Incorporated in 1992, Tulmar Safety Systems is a fully integrated manufacturer of protective products and safety equipment serving the civil aviation, defence and security markets. Tulmar products are diverse in nature. They are comprised of components and assemblies for military vehicles, airline training equipment, life rafts and life jackets, inflatable shelters, camouflage covers, protective covers and tactical floatation. Our capabilities include all processes from design engineering to manufacturing and supply chain management. Our accredited project management discipline in supply chain, engineering, manufacturing, and quality assurance allows us to meet and exceed the stringent requirements.

Vehicle Systems: Protective Covers | Stowage Solutions | Seat Systems | Crew Restraints | Vehicle Sub-Assemblies

Ground Systems: Protective Covers | Tents & Tarpaulins | Inflatable Shelters | Cargo Control Solutions

Air Systems: Aerial Delivery Systems | Inflatable Life Support Products | Cargo Control Solutions | SAR Equipment

Maritime Systems: Tactical Life Preservers | Life Rafts & Survival Equipment

Value Proposition

Tulmar is an ideal partner for major crown procurement projects or offsets in Canada:

- Participation in complex defence procurement programs since April 1992
- Experienced partner for Industrial Technological Benefits (ITB) requirements
- Strategically located for component manufacture, product integration & kitting
- Experienced military R&O contractor with ongoing multi-year contracts for repair & modification of Canadian Forces (DND) equipment
- Integrated solution provider
- Proven ISS capabilities

Core Capabilities Listing

Management

- Supply chain management
- Training center equipment management services

Inspection

- Precise dimensional analysis of complex parts through GD&T



Engineering

- Design conceptualization
- 3D modeling
- GD&T application
- CAD drawing
- Prototyping
- Design finalization
- Validation testing
- Technical documentation
- Weld engineering
- Project Management

Manufacturing Processes

- Computerized cutting
- Die cutting
- Programmable sewing
- Adhesive bonding
- Heat sealing
- Radio frequency welding
- Bench assembly
- Mechanical assembly
- Strength testing
- High tolerance measurement



Maintenance, Repair & Overhaul

- Inflatable Safety Equipment (life rafts, life vests)
- Aviation seat restraints
- ELTs (reprogramming, testing, battery change, recoding)
- Desalination pumps
- Survival kits
- First aid kits
- Cargo nets
- Camouflage nets
- Tarpaulins and soft walled tactical shelters
- Cylinder requalification
- Seat covers cleaning and repair

Specialized R&O Processes

- Hydrostatic testing
- Gas cylinder filling
- Inertia reel testing
- RFID scanning and programming
- Vacuum packing





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Tulmar Safety Systems Inc.

1123 Cameron St.
Hawkesbury ON
K6A 2B8 Canada

Cage Code: 3AF10
DUNS #: 249268624

Certifications:

ISO 9001:2015 & AS9100D
10079 Controlled Goods / AMO 67-92

Tel: +1.613.632.1282
military@tulmar.com

www.tulmar.com