

# 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.**

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### **Certifications:**

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

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