

# TULMAR

Tulmar Safety Systems

## A Global Leader in Engineered Protective Solutions

2025 EDITION



TULMAR

[www.tulmar.com](http://www.tulmar.com)





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Executive Chairman



**Major General (Ret) David Fraser**



**Peter Andrews**



**Kevin Fitzgerald**

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(CRO)



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**Benoit Corbeil**  
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(P. Eng.)



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Quality Leader



**Darren Liew**  
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**Max Bradshaw**  
Tulmar Technical Leader



# Protecting the people who protect us

## *Tulmar is Engineered for Protection*

Incorporated in 1992, Tulmar Safety Systems is a fully integrated manufacturer of protective products and safety solutions, specializing in the **Defence**, **Aviation**, and **Civil Safety** industries globally. Our diverse product portfolio includes components and assemblies for military vehicles, camouflage covers, protective covers, tactical flotation devices, airline training equipment, life rafts, life jackets, and inflatable shelters. We deliver engineered survival solutions that protect people in the air, on the ground, and in the water.



We are committed to exceeding customer expectations and ensuring safety in every solution we provide.

At Tulmar, we are driven by our **vision**: "To be a global provider of engineered protective solutions, an ethical and innovative enterprise of choice, driving sustainable growth." This vision guides us as we innovate to address the evolving needs of our customers worldwide.

Our **mission** is clear: "To consistently surpass the standards of quality and service demanded by our customers, delivering unrivaled expertise and products that meet specifications, on time, every time." This commitment drives us to continually deliver high-quality solutions that meet the strict requirements of the Defence, Aviation, and Civil Safety industries.

We are proud of our values, which define our approach to every project:

- **Integrity:** We uphold the highest ethical standards in all our actions.
- **Caring:** We are committed to the well-being of our employees, customers, and the communities we serve.
- **Resilience:** We embrace challenges with determination and continually strive to improve.



# People, Processes, and Infrastructure

*Tulmar is Engineered for Protection*

Tulmar's people, processes, and infrastructure are the driving forces behind our success as a leading supplier of engineered protection solutions for the Defence, Aviation, and Civil Safety industries. Our talented team spans engineering, manufacturing, quality assurance, and project management, ensuring that each aspect of our operations meets the highest standards. Their expertise, innovation, and commitment allow us to consistently deliver reliable and life-saving solutions to our clients.



We emphasize disciplined project management, with seamless coordination between engineering, supply chain, and manufacturing teams to mitigate delays and maintain product integrity. Our Continuous Improvement team plays a vital role in enhancing product quality and ensuring efficiency across all stages of production.

Tulmar's 60,000-square-foot facility in Hawkesbury, Ontario, is designed for scalability, allowing us to meet the diverse needs of our clients. Our commitment to security ensures that we exceed the highest standards for the physical safety of our facilities, employees, and information, in full compliance with the regulations of the governments and our global partners.

Tulmar's diversified business model provides stability, minimizing risk by balancing operations between defence, aviation and civil safety industries. With over 150 global clients and no single client representing more than 25% of our revenue, our resilience ensures long-term growth, even during industry fluctuations.

Through the integration of skilled people, streamlined processes, and robust infrastructure, Tulmar remains a dependable and resilient partner in a regulated supply chain.





# Our Core Capabilities

*Tulmar is Engineered for Protection*

Tulmar's capabilities encompass the full spectrum of the product's lifecycle—from designing and manufacturing to distributing and servicing engineered protective solutions. We ensure that our products meet the exacting standards of our clients through disciplined project management, effective coordination across all departments, and a continuous focus on quality assurance.

- **Design Engineering:** Our team of engineers specializes in developing innovative, customized protection solutions for the Defence, Aviation, and Civil Safety industries. We collaborate closely with clients to understand their needs and design solutions that deliver outstanding performance and reliability.
- **Manufacturing:** With a 60,000-square-foot facility in Hawkesbury, Ontario, Tulmar is equipped to scale work cells to meet the unique demands of each project. We offer comprehensive manufacturing services, including mechanical assembly, kitting, and the production of complex protective components tailored to client specifications.
- **Servicing:** Tulmar also provides comprehensive servicing solutions, ensuring that products remain fully operational and in compliance with industry standards. Our Maintenance, Repair, and Overhaul (MRO) services ensure that every product continues to perform at its best throughout its lifecycle.
- **Supply Chain Management:** We manage the entire supply chain to ensure timely delivery of materials, components, and products, while minimizing delays and costs. Our robust logistics network ensures that we meet the diverse needs of our clients in various global markets.
- **Quality Assurance:** Tulmar adheres to the AS9100D quality management system, with a strong commitment to product integrity and regulatory compliance. Our internal and external audits guarantee that our products meet stringent industry standards and exceed customer expectations.



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## **AVIATION**

### **Training Products**

- Emergency Cabin Evacuation Trainers
- Evacuation Training Slides
- Protective Breathing Equipment (PBEs)
- Training Life Rafts and Life Vests
- Survival Kits
- Emergency Lithium Battery Training Devices

### **Safety Equipment & Interiors**

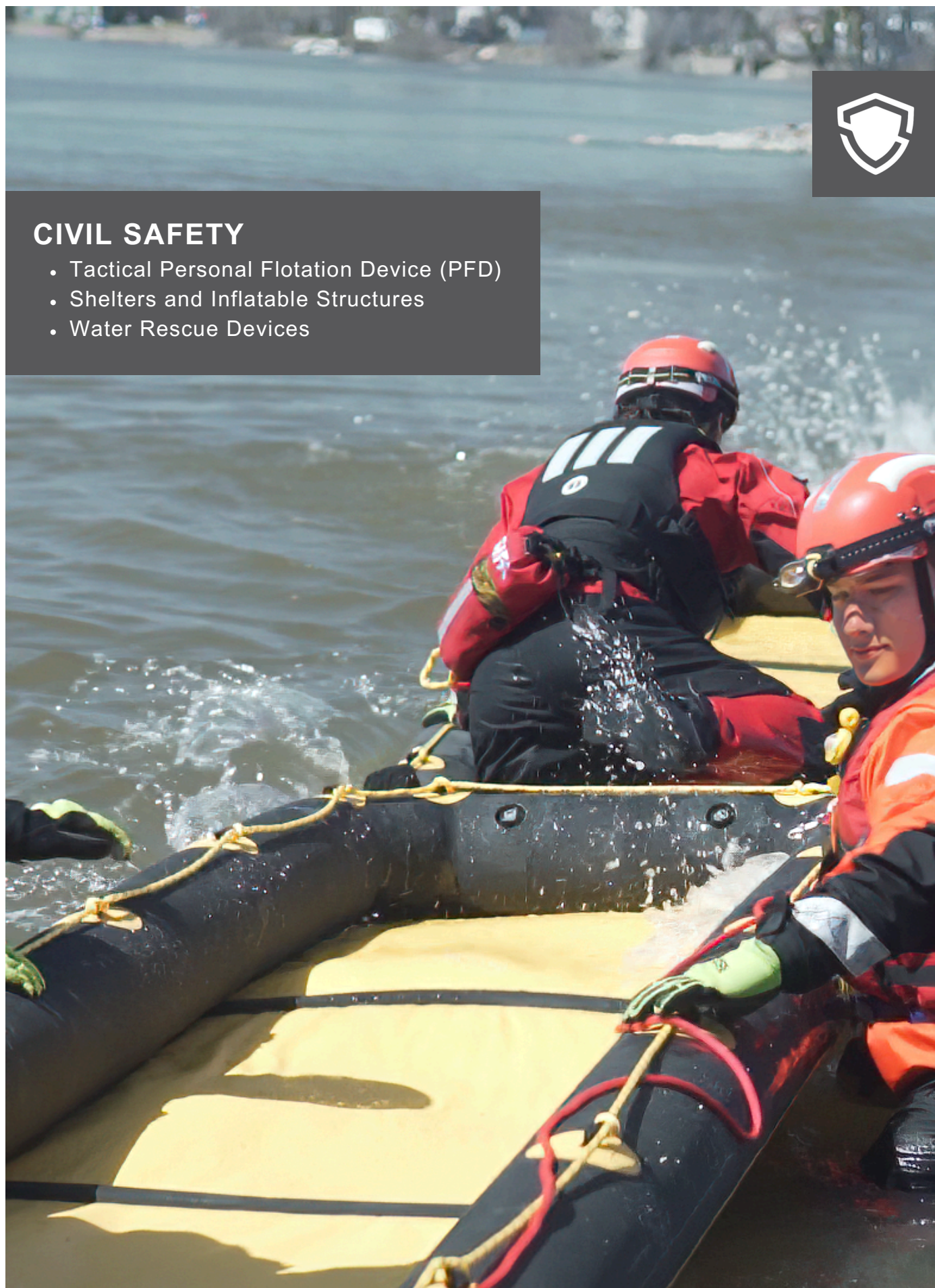
- Cargo Nets and Restraint Kits
- Baby Bassinets
- Unruly Passenger Restraint Kits
- Life Rafts
- Life Vests
- Survival Kits
- Protective Breathing Equipment (PBEs)





## CIVIL SAFETY

- Tactical Personal Flotation Device (PFD)
- Shelters and Inflatable Structures
- Water Rescue Devices







## DEFENCE

- Camouflage Covers
- Stowage Vehicle Components
- Protective Covers for Military Vehicles
- Tactical Floatation Devices
- Survival Rations
- First Aid Kits
- Recovery and Tow Tools
- Military Seat Systems
- Fuel Tank Components





# Integrated Safety Solution Providers

*Tulmar is Engineered for Protection*

## MECHANICAL SUB-ASSEMBLIES

- Product integration services
- Sourcing and procurement of components from qualified supplier base
- Providing input for manufacturability
- Developing weld approval packages
- Managing sub-contracted fabrication, welding & painting processes
- Integrating fabricated components with in-house manufactured textile assemblies
- Testing, packaging, and delivering completed assemblies directly to production line
- Kitting and consolidation of sub-components

## MILITARY TEXTILES

Designing and manufacturing protective covers, stowage, signature management and load control solutions for vehicles and ground systems.

- Value-added support services
- Pre-production engineering review
- Specifications development
- Concept development
- Prototyping
- Validation testing
- Failure mode analysis
- Modelling & drafting
- Technical data package creation
- Publications (operation and service manuals)
- Cushions and seating



# Integrated Safety Solution Providers

*Tulmar is Engineered for Protection*

## SUPPLY CHAIN SOLUTIONS

Manufacturing and design of protective covers, stowage, signature management and load control solutions for vehicles and ground systems. Sourcing, manufacturing, assembly and kitting capabilities that enable OEMs to reduce procurement costs and accelerate program deliveries.

## COMPLIANCE MANAGEMENT

- First Piece Inspection (FPI) & Production Part Approval Process (PPAP) documentation
- Cybersecurity Maturity Model Certification (CMMC)
- Supplier qualification (vendors & subcontractors)
- Flow-down of quality clauses
- Weld qualification approvals
- Component & assembly testing
- Export controls documentation
- Industrial benefits (program management)
- AODA accessibility compliance





## MAINTENANCE, REPAIR, AND OVERHAUL (MRO)

We provide MRO services for our IP products and our partners' products as an accredited facility. Our services include:

- Tulmar OEM Products for Aviation & Cabin Crew Training
- Emergency Locator Transmitters (ELT)
- Desalination Pumps
- Hydrostatic Testing
- Passenger Restraint Kits
- Survival and Ferry Kits
- CO2 Cylinders (Testing/Refill)
- Restraint Systems & Seat Belts
- Inflatable Life Support Equipment Recertification
- RFID Expertise
- Sustainment & Lifecycle Management

We are accredited by leading partners such as AMSAFE, EAM, WINSLOW, ESSEX, Switlik, AvionTeq, Astronics, and CSA Group.







## TULMAR TECHNICAL ON-SITE MRO

Our services include:

- All management aspects including budgeting, planning and sourcing of equipment and services;
- Monitoring, management and repair of all the equipment including programming of complex electronic systems and PLCs;
- Hands on preventive maintenance, tracking and service for all equipment types;
- Record keeping for regulatory checks and audits;
- Risk assessments on new equipment being introduced in order to ensure that all equipment is in line with OEM specifications;
- Interface with regulatory authorities to ensure full compliance of equipment.





# SAAB

## SAAB PARTNERSHIP

### World-Class Signature Management for Land Vehicles

Tulmar is proud to be SAAB's exclusive North American partner for advanced signature management solutions.

- Design & Manufacturing Excellence
- Strategic Partner for Future Capabilities

Together, we enhance survivability and operational effectiveness for land vehicles through cutting-edge technology and innovation.







# Successful Defence Projects

*Tulmar is Engineered for Protection*



**Navistar Defense**  
Vehicle Box & Roof Box Covers for MSVS  
MilCOTS



**GDLS**  
Lockable Net



**SAAB**  
Signature Management



**Department of National Defence (DND)**  
Bison Tent Adapter



**Department of National Defence (DND) -  
DSSPM**  
Life Saving Device Design & Engineering  
Services



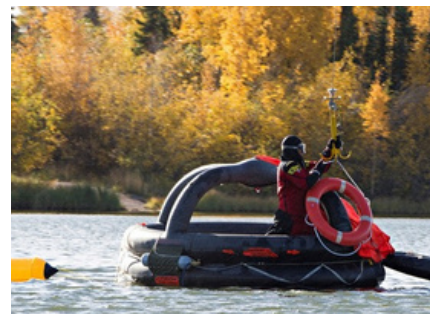
**Department of National Defence  
(DND)**  
AAR Mobility Systems



**Department of National Defence (DND) -  
Land Forces**  
R&O of Soft-Walled Tactical Shelters



**Rheinmetall Canada**  
PSA Mooring Station Covers



**Department of National Defence (DND)  
- Air Forces**  
Life Rafts & SAR Aerial Delivery Systems



**Royal Canadian Navy**  
Hazardous Duty Tactical PFD



**Canadian Special Operations Forces  
Command (CANSOFCOM)**  
Hammerhead Tactical PFD for MSERT



**Department of National Defence (DND)  
- Land Forces**  
MRO, Warehousing & Distribution of Flotation  
Equipment







