



+ Advancements in Supercavitation
Ammunition Technology

+ Modern Requirements
for Supercavitation

+ Region-Specific Requirements

↳ INDOPACOM



↳ Persian Gulf

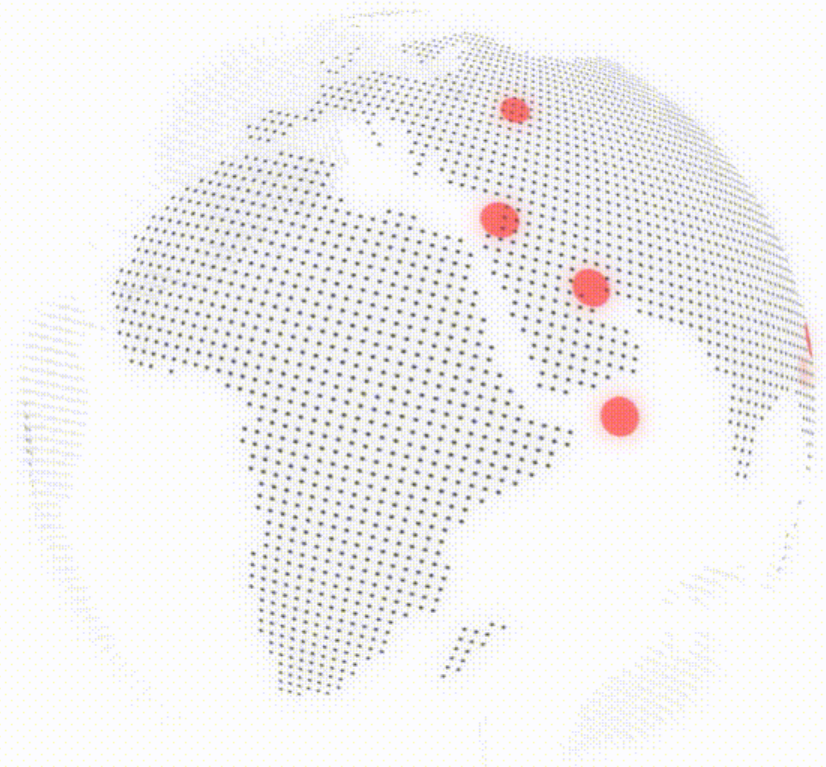


↳ Black Sea



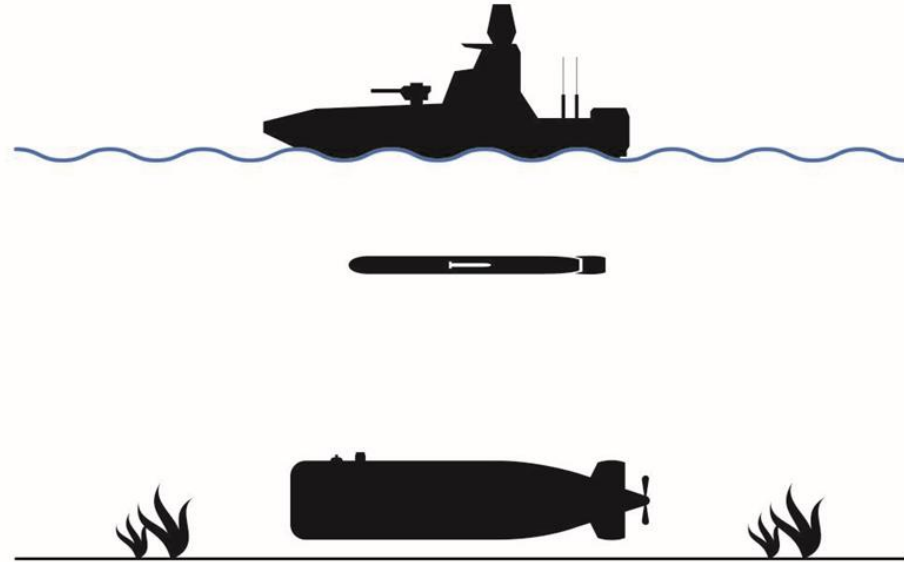
↳ Others

+ Modern Requirements
for Supercavitation



+ Threat-Specific Requirements

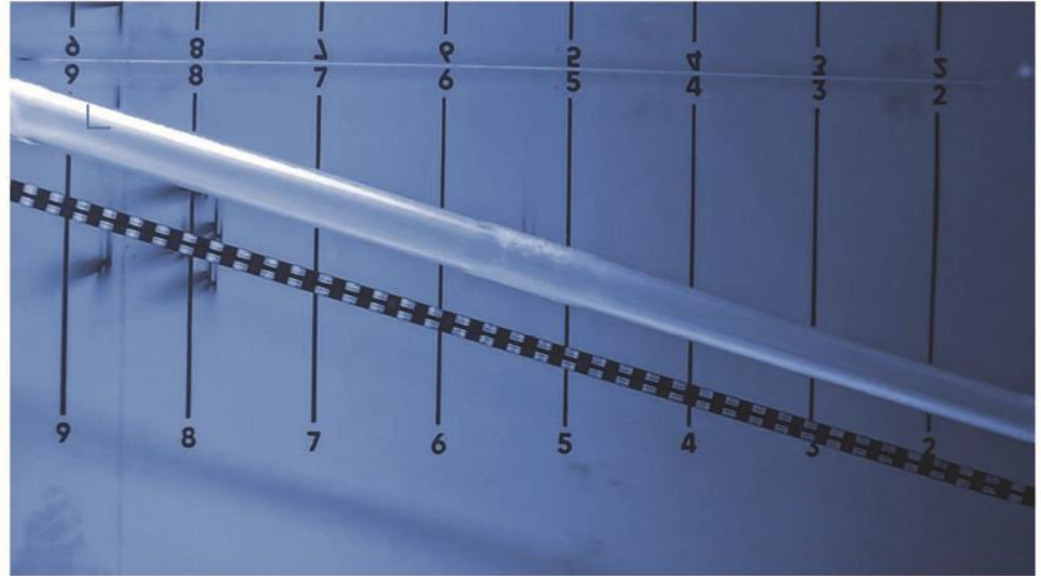
- ↳ Surface
- ↳ Sub-Surface
- ↳ Depth



+ DSG TEC USA | SuperCav Technology

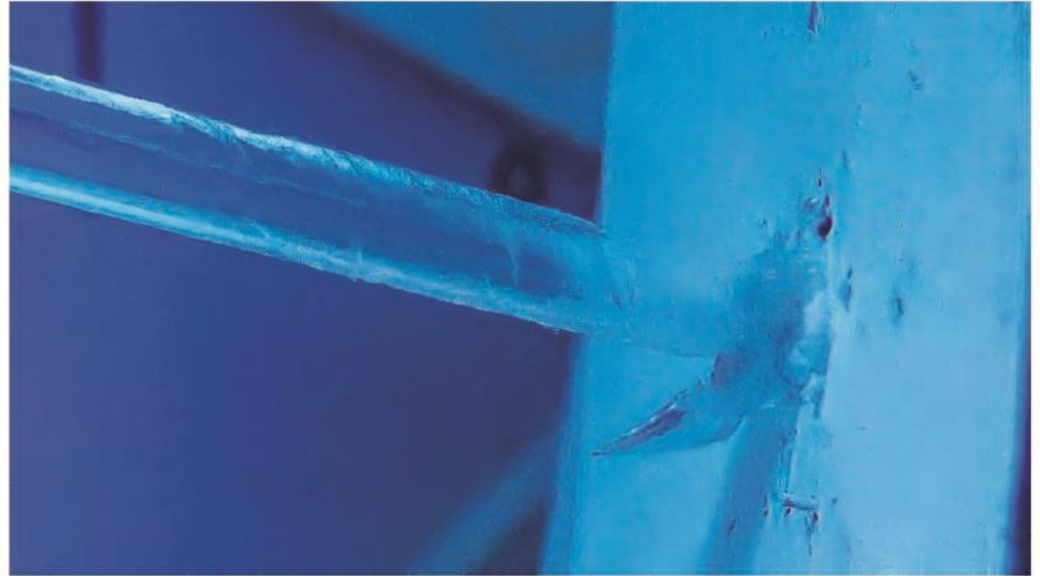
+ Zero Deflection

- ↳ Consistent Grouping
- ↳ Predictable Trajectory
- ↳ Collateral Damage Reduction



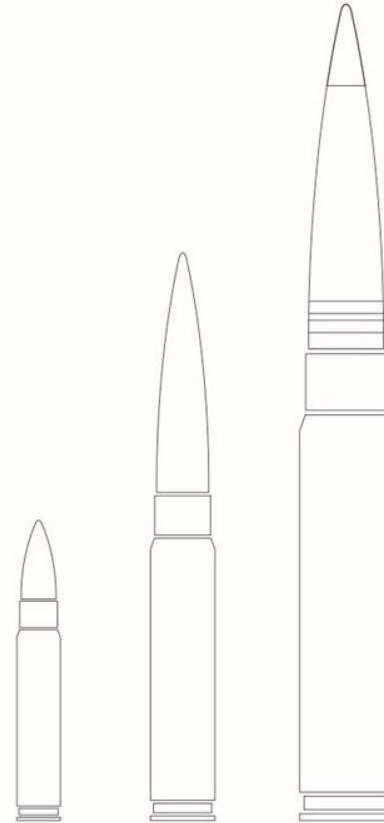
+ Designing for efficiency and effects

- ↳ Terminal Energy
- ↳ Accuracy
- ↳ Scaling with Efficiency
- ↳ Immediate Weapon
System Integration



+ Status of Projectiles

- ↳ Small Calibers
Ready
- ↳ XMP + CAV-X
Armor Piercing
Explosive Payload
Currently in Development
- ↳ Medium Caliber
Currently in Development
- ↳ Large Caliber
Pending Requirement

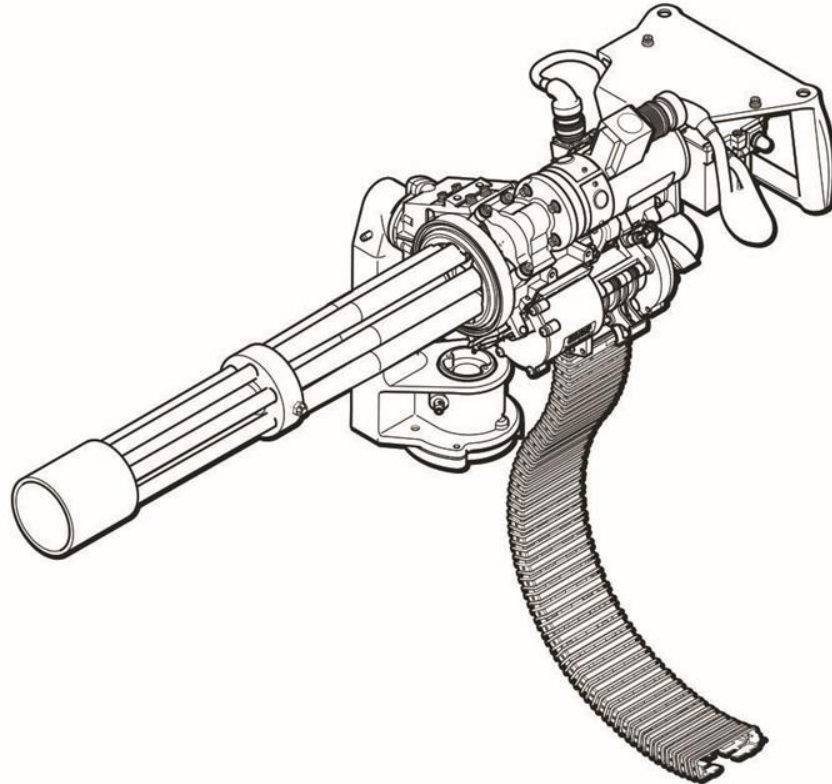




+ Horizon of Systems Integration

+ Dillon M134D

- ↳ Immediate Weapon System Integration
- ↳ Extensive Testing
- ↳ Increased Barrel Life
- ↳ Lethality Through Reinforced Barriers
- ↳ Tracer Blend Available



+ Dillon 503D

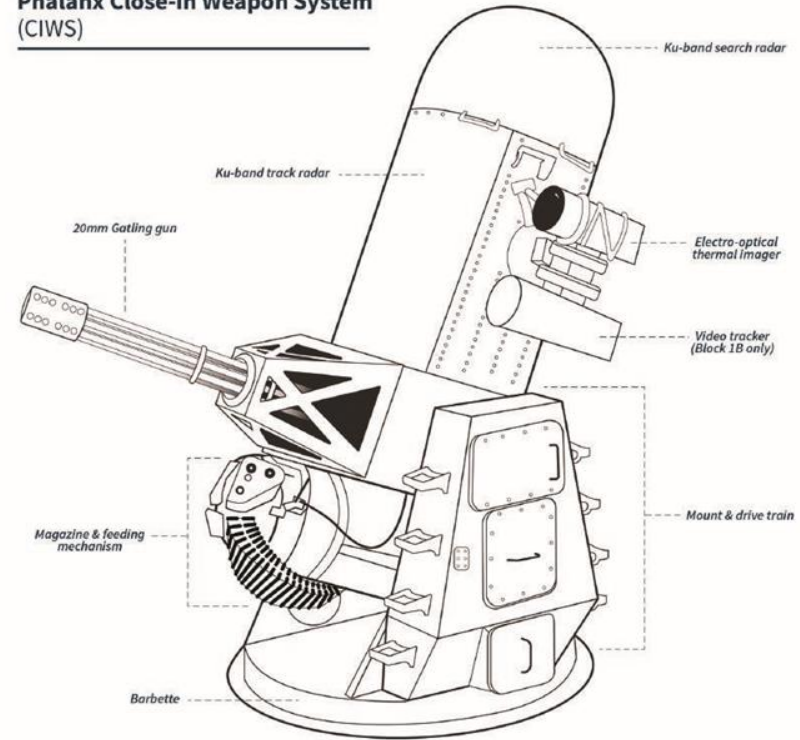
- ↳ 503D new from Dillon Aero
- ↳ CAV-X Armor Piercing Explosive Payload Compatibility
- ↳ Increase White Space Above and Below Waterline



+ CAV-X | Medium Caliber

- ↳ Scalability Requirements for Development
- ↳ Performance Possibilities
- ↳ Greater Depths Require More Technology Partners
 - Target Detection
 - Targeting Solution
 - Remote Weapon System

Phalanx Close-in Weapon System (CIWS)



+ Questions



ZERO DEFLECTION
SUPERCAVITATION



PROPRIETARY
COMPOSITE DESIGN



INCREASED
STABILITY



ANTI-MATERIEL
& USV



IMMEDIATE WEAPON
SYSTEMS COMPATIBILITY



ANTI-SWIMMER
& USSV



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