WHEN

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Risk Level</th>
<th>Measure of Success</th>
<th>Ending TRL</th>
<th>Date</th>
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<tr>
<td>Functional Prototype Demonstration with NAVAIR</td>
<td>Med</td>
<td>Demonstrate satisfactory functionality of human interface and extraction system with Navy aircrew</td>
<td>5</td>
<td>November 2019</td>
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<tr>
<td>Aircrew Ground Testing</td>
<td>Med</td>
<td>End user verification of system requirements such as comfort, reliability, nonrestrictive integration with aircrew equipment, compatibility with Life Support Systems, etc.</td>
<td>5</td>
<td>September 2020</td>
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<tr>
<td>System Verification and Validation Testing</td>
<td>Med</td>
<td>Candidate prototype system passes qualification testing, i.e., system performance, reliability, and environmental resistance</td>
<td>5</td>
<td>January 2021</td>
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<tr>
<td>Aircrew In-Flight Testing</td>
<td>Med</td>
<td>End user verification of full system requirements while in-flight</td>
<td>6</td>
<td>September 2021</td>
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<tr>
<td>Certification for Safe-to-Fly</td>
<td>Med</td>
<td>Candidate system passes NAVAIR qualifications to be considered safe to use in flight on both fixed-wing and rotary-wing aircraft</td>
<td>7</td>
<td>December 2021</td>
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Contract Number: N68335-19-C-0003

WHAT

Operational Need and Improvement:
Develop a low cost solution that provides female and male aircrew bladder relief during flight.

Specifications Required:
To be the most effective for aircrew in-flight use, the system must provide the following capabilities:
- Cost less than $50 per flight
- Provide bladder relief for both male and female aircrew with flow rate of 1.5L per minute
- Collect 800cc per use, not restrict movement of aircrew at any time, hands-free urine collection
- Compatible with all aircraft ejection seats, does not weigh more than 1lb
- Operate in an aircraft environment in conjunction with flight uniform, anti-G suit while restrained
- Compatible with Life Support Systems flight gear and be discreet in appearance when worn
- Device should have no special disposal requirements
- Next to skin component should not be reusable

Technology Developed:
Triton Systems has developed a low-cost bladder relief system that meets Navy requirements:
- Compatable for female and male aircrew
- All human interfacing components are low cost, reliable, comfortable, ergonomic, and disposable
- Our solution is a "no-clean," sanitary system that does not require cleaning or maintenance

Warfighter Value:
- Easy to use w/o interfering with in-flight operations
- Eliminates need for "tactical" dehydration
- Improves physical, cognitive performance and situational awareness
- Reduces distraction of a "full bladder"
- Eliminates need to remove restraint systems and life support equipment
- Cost less than $50 per flight

HOW

Projected Business Model:
Triton's plan is to integrate and transition this technology into government and commercial markets by licensing our Intellectual Property to manufacturing partners.

Company Objectives:
Triton Systems, Inc. develops advanced human systems technologies for commercial, industrial, and Government use. Through our participation in the SBIR/STTR Transition Program (STP) we hope to further our connections with Government and industry decision-makers invested in bringing superior relief options to their constituents. In the short-term, Triton's objective is to bring to market a solution designed to integrate with the aircraft environment. Our Longer-term objective includes design modifications to provide a superior low-cost, portable, disposable urinary relief device in a variety of applications.

Potential Commercial Applications:
Our technology will find many applications in other communities. This includes a broad range of mission critical department of defense systems such as transport outside of aircraft (e.g., tank operators) and hazardous environments. Additional civilian applications include commercial transportation, first responders, chem/bio/clean labs, and medical.

Contact: Kim Hallett, Principle Investigator
khallet@tritonsys.com (603) 833-1564

Notes: Image depicts Triton's low cost in-flight bladder relief Gen 2.1 prototype system. Aircrew are able to dispose of low cost wetted components after every flight. Meanwhile, our non-disposable, maintenance-free extraction unit stays completely dry and clean.