Closed Topic Search

Enter terms
Search

Reset Sort By: Close Date (descending)

- Relevancy (descending)
- Title (ascending)
- Open Date (descending)
- Close Date (ascending)
- Release Date (descending)

NOTE: The Solicitations and topics listed on this site are copies from the various SBIR agency solicitations and are not necessarily the latest and most up-to-date. For this reason, you should visit the respective agency SBIR sites to read the official version of the solicitations and download the appropriate forms and rules.

Displaying 1 - 10 of 390 results

1. SOCOM14-001: Power Supply for the Tactical Assault Light Operator Suit (TALOS)

   Release Date: 11-20-2013Open Date: 12-20-2013Due Date: 01-22-2014Close Date: 01-22-2014

   OBJECTIVE: Investigate and identify a suitable safe, lightweight power supply for the exoskeleton component of the TALOS ensemble. DESCRIPTION: The TALOS ensemble is a new initiative in USSOCOM that is intended to provide solutions for the enhanced mobility/protection/situational awareness capabilities to augment the direct assaulter. As such, the power supply for the TALOS ensemble wi ...

   SBIR Department of DefenseSpecial Operations Command

2. SOCOM14-002: Advanced Transparent Armor Materials and Manufacturing Methods

   Release Date: 11-20-2013Open Date: 12-20-2013Due Date: 01-22-2014Close Date: 01-22-2014

   OBJECTIVE: The objective of this feasibility study is to develop innovative transparent armor for Ground Mobility Vehicles (GMV) that is lighter than existing transparent armor and that is affordable. Develop innovative transparent armor that is at least 25% lighter at a given protection level and in the current space claim than current transparent armor in GMV. The cost of the innovative armor sh ...

   SBIR Department of DefenseSpecial Operations Command

3. SOCOM14-003: Advanced Opaque Armor Materials and Manufacturing Methods

   Release Date: 11-20-2013Open Date: 12-20-2013Due Date: 01-22-2014Close Date: 01-22-2014

   OBJECTIVE: Develop a low cost, light weight armor package that has reduced visual signature while offering high protection against threats for Non Standard Commercial Vehicles (NSCV). DESCRIPTION: Modified commercial vehicles are a staple of Special Operations activities. One reason a commercial vehicle is used is to blend in with local vehicles. They serve a purpose of enabling advance mobi ...

   SBIR Department of DefenseSpecial Operations Command

4. SOCOM14-004: Hydrogen Generation from Water and Full or Partial Replacement of Petroleum Fuels in Diesel Internal Combustion Engines

   Release Date: 11-20-2013Open Date: 12-20-2013Due Date: 01-22-2014Close Date: 01-22-2014

   OBJECTIVE: Develop a system to generate hydrogen from water on site for use in combatant craft diesel engines to decrease dependency of Naval Special Warfare on petroleum fuels and to increase craft fuel economy and range. DESCRIPTION: Improving fuel economy, reducing greenhouse gas emissions and minimizing fuel costs associated with Military vehicles is a necessity given dwindling budgets an ...

   SBIR Department of DefenseSpecial Operations Command

5. SOCOM14-005: High Performance Marine Diesel Closed Coolant System for High Speed Combatant Craft

Release Date: 11-20-2013Open Date: 12-20-2013Due Date: 01-22-2014Close Date: 01-22-2014

OBJECTIVE: Develop a closed coolant system for the SOC-R to eliminate use of off-board, raw water to cool the engines. DESCRIPTION: SOC-R engine cooling is provided by raw water from the engine pumps and from the Hamilton jets. This raw water sometimes contains debris that clogs the engine strainers causing the engines to overheat. This is especially problematic during beaching operations wh ...

SBIR Department of DefenseSpecial Operations Command

6. SOCOM14-006: Low Acoustic Signature Manned Intelligence, Surveillance and Reconnaissance

Release Date: 11-20-2013Open Date: 12-20-2013Due Date: 01-22-2014Close Date: 01-22-2014

OBJECTIVE: Develop active and passive noise suppression technologies to reduce the acoustical footprint of the King Air - 350ER (B - 300ER) manned Intelligence, Surveillance and Reconnaissance (ISR) platform. DESCRIPTION: Manned ISR platform operators need to strike a balance between operational factors. They must fly close enough to collect the mission data while maintaining sufficient stan ...

SBIR Department of DefenseSpecial Operations Command

7. AF141-001: Non-Silicon and Non-Boron based Leading Edges for Hypersonic Vehicles

Release Date: 11-20-2013Open Date: 12-20-2013Due Date: 01-22-2014Close Date: 01-22-2014

OBJECTIVE: Identify and demonstrate a new material system with suitable material properties to realize the advanced leading edges for use in reusable or long flight time hypersonic vehicles. DESCRIPTION: Air Force-relevant applications include but not limited to sharp leading edges, rocket nozzles, throats and engine combustion parts are key components that enable hypersonic flight. These lead ...

SBIR Department of DefenseAir Force

8. AF141-002: Epitaxial Technologies for SiGeSn High Performance Optoelectronic Devices

Release Date: 11-20-2013Open Date: 12-20-2013Due Date: 01-22-2014Close Date: 01-22-2014

OBJECTIVE: Develop SiGeSn epitaxy on silicon and germanium substrates for new degrees of freedom in optoelectronic devices operating in the wavelength range between 2.0 and 5.0 micrometers. DESCRIPTION: Conventional mid-infrared materials based on the III-V (GaInSb)

and the II-VI (HgCdTe) materials are relatively expensive and incompatible with silicon-based integrated circuit processing. S ...

SBIR Department of DefenseAir Force

9. AF141-003: Variable Precision Filters

Release Date: 11-20-2013Open Date: 12-20-2013Due Date: 01-22-2014Close Date: 01-22-2014

OBJECTIVE: The development of innovative mathematical techniques for the design of digital filters allowing trade-offs between accuracy, precision and memory. DESCRIPTION: The design of finite impulse response (FIR or non-recursive) and infinite impulse response (IIR or recursive) digital filters has a long history and, over the years, many methods have been developed to design FIR, IIR filt ...

SBIR Department of DefenseAir Force

10. AF141-004: Radio-frequency Micro-electromechanical Systems with Integrated Intelligent Control

Release Date: 11-20-2013Open Date: 12-20-2013Due Date: 01-22-2014Close Date: 01-22-2014

OBJECTIVE: Improve the robustness and reliability of radio-frequency micro-electromechanical systems by orders of magnitude beyond the state of the art, making them suitable for defense applications. DESCRIPTION: Radio-frequency micro-electromechanical systems (RF MEMS) have many performance advantages as microwave switches, tuners, filters and phase shifters with higher linearity, lower los ...

SBIR Department of DefenseAir Force

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- ...
- Next
- Last

jQuery(document).ready(function() { (function ($) { $('#edit-keys').attr("placeholder", 'Search Keywords'); $('span.ext').hide(); })(jQuery); });