Advanced Light Tactical All Terrain Vehicle (LT-ATV)

SOF UAV Deployment Platform

RP ADVANCED MOBILE SYSTEMS

NWUAV PROPULSION SYSTEMS AS9100/ISO9001 CERTIFIED

- NW UAV Propulsion Systems is the largest unmanned engine manufacturer in the United States, proven to be a very reliable and capable supplier of complete turn-key engine systems and associated subsystems since 2005. NW UAV's engineering team has developed numerous lightweight, performance enhancing products including; a small light weight variable pitch propeller, quiet propeller blade development, axial flux power generation and RFQ mufflers that address many of the shortfalls of systems currently fielded. Facilities include temperature controlled altitude chamber with an integrated engine dyno, environmental engine test cells, propeller dyno with noise analysis capabilities, in house machine shop, rapid prototyping/manufacturing capabilities, as well as a robust high volume manufacturing infrastructure capable of supporting a wide variety of "build to print" electrical and mechanical systems.
- NW UAV is AS9100 certified and practices Lean Manufacturing techniques.

RP ADVANCED MOBILE SYSTEMS

- Supporting the warfighter and law enforcement is the ultimate priority of RP Advanced Mobile Systems. This goal requires that we continually develop innovative light tactical mobility systems.
- At present, RPAMS collaborates with multiple elements of U.S. Special Operations Tier 1 and 2 Groups, DHS and U.S. Customs and Border Patrol.

RP ADVANCED MOBILE SYSTEMS

- RPAMS recognized the dynamic challenges faced by the specialized warfighter. Their ability to rapidly analyze a situation and respond accordingly requires fast and highly effective solutions to assure force dominance.

RP ADVANCED MOBILE SYSTEMS

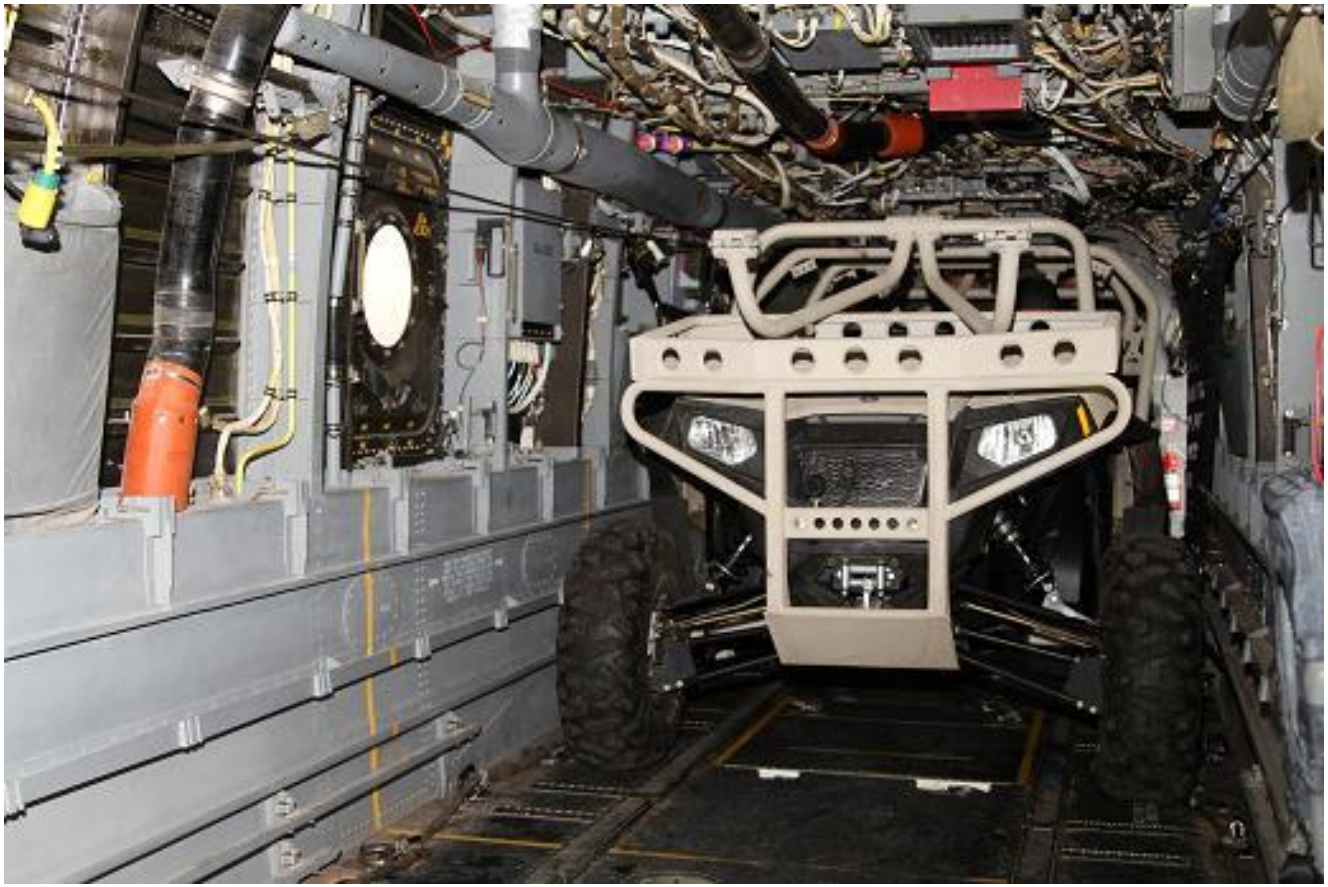
- Austere terrain challenges, an asymmetric enemy and '<u>specialized</u>' mission criteria created the need for lightweight all terrain vehicles having advanced capabilities…

RP ADVANCED MOBILE SYSTEMS

RPAMS Strength:
Ability to design, develop and deploy kinetic 'assets' quickly and efficiently

RP ADVANCED MOBILE SYSTEMS

http://www.compelmedia.com/clients/Strikerazor%20Backing%20In%20to%20Osprey.wmv



RP ADVANCED

MOBILE SYSTEMS

RP ADVANCED MOBILE SYSTEMS

- Challenge: the need for remote deployable miniature surveillance and strike capabilities identified by elements of SOF Groups

RP ADVANCED MOBILE SYSTEMS

Developmental projects to determine the viability and effectiveness of mobile SOF operated UAV's conducted at Strikerazor Challenge 2011-Camp Rilea Special Operations Compound

RP ADVANCED MOBILE SYSTEMS

As UAV capabilities increase, interest in remote mobilized systems integration significantly increases…

RP ADVANCED MOBILE SYSTEMS

RP Advanced escalates effort to integrate modular/robust multi-modal Switchblade launch cradle for GMV platforms.

RP ADVANCED MOBILE SYSTEMS

TNT 12-4: OPFOR and MBE scenarios- substantiates effectiveness of integrated BLOS UAV capabilities in surveillance and eradication


StrikeRazor™
UAV Mobile Launch and
Control System for SOF
RP ADVANCED
MOBILE SYSTEMS