



RECONNAISSANCE, SURVEILLANCE, & TARGETING VEHICLE (RST-V)



Objective:

- Develop and demonstrate advanced hybrid electric drive and survivability technologies for lightweight recon/scout vehicles deployable via V-22 aircraft

Payoffs:

- High tactical mobility and fuel efficiency
- Integrated survivability/signature mgmt
- V-22 internally transportable
- Advanced RST sensors
- Multi-Service/Program technology feed

Technical Approach:

- Joint DARPA, USMC
- Technology Demonstration (TD) Program
- Utilize the 845/804 OT Acq. Strategy
- Design, build, and evaluate advanced HED, Survivability, and automotive technologies
- Evaluate during AWEs, User Demos
- Transition to MEFFV, SOCOM, USMC, Army

Schedule:

TASKS	FY01	FY02	FY03	FY04
Integrated Product Teams				▲
TD design improvements		▲		
TD fabrication/test	▲		▲	
Deliver vehicles to Govt				▲
Gov't testing/demos			▲	
Transition				◆

Performers: DARPA, ONR, NSWC/CD, GDLS, ATC, MCWL

Transition: ACES FNC, MARCORSSYSCOM, SOCOM, Army