SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE

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LtCol Thomas Atkinson  Program Manager

FAMILY SPECIAL OPERATIONS VEHICLES
Program Manager Family of Special Operations Vehicles

Vehicles in Concept
- V-22 Internally Transportable Vehicle
- Purpose Built Non-Standard Commercial Vehicle

Vehicles In Production
- Ground Mobility Vehicle (GMV) 1.1
- Non-Standard Commercial Vehicle

Vehicles in Sustainment
- Light Tactical All Terrain Vehicle- Diesel
- MRAP-ATV (M-ATV)

Vehicles in Divestiture
- GMV 1.0
- Light Tactical All Terrain Vehicle- Gas
PM FOSOV Portfolio Overview

<table>
<thead>
<tr>
<th>Model Type</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
<th>FY21</th>
<th>FY22</th>
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<tbody>
<tr>
<td>MATV</td>
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<tr>
<td>Polaris MRZR / MRZR-D</td>
<td>MRZR-D Production-Lifecycle Replacement</td>
<td>Acoustic Reduction Effort</td>
<td>ITV Evaluation</td>
<td>ITV LTATV Contract Efforts</td>
<td>Follow on LTATV Contract</td>
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<tr>
<td>Battelle / TLCs, Hilux, Ford Ranger</td>
<td>NSCV II Production / Fielding / Life Cycle Replacement</td>
<td>Purpose Built Evaluation</td>
<td>Purpose Built Contract Efforts</td>
<td>Purpose Built Production / Fielding</td>
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<tr>
<td>GD-Flyer M1288</td>
<td>Production / Fielding</td>
<td>Hybrid / Electric Evaluation</td>
<td>Sustainment</td>
<td>Sustainment / Divesting</td>
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<tr>
<td>AMG M1165 HMMWV</td>
<td>Mechanical and C4ISR Reset</td>
<td>Sustainment / Divesting</td>
<td>Mechanical and C4ISR Reset (Second Phase)</td>
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<td>Oshkosh M1245A1 MATV</td>
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Light Tactical All Terrain Vehicle (LTATV)

- Hybrid/Electric Engine
- Autonomous Capabilities
- Follow-On Contract w/ potential for ITV variant
  - V-22 Transportable
  - Improved Durability/Performance
  - Extended Life / Reset Capable

**ACQUISITION STRATEGY**
- Commercial Off the Shelf / Modified COTS
- Follow-On Contract: Full & Open Competition

**PERIOD OF PERFORMANCE**
- Sustainment ongoing
- Follow-On Contract: FY20 – TBD

**MILESTONES**
- Pure Fleet Diesel Variant: 4QFY18

**POINT OF CONTACT**
- USSOCOM SOF AT&L, Technology & Industry Liaison Office (TILO) (813) 826-9482

**FUNDING**
- ~$6.5M/year

**CURRENT CONTRACT/OEM**
- Polaris Defense (Medina, MN)
- 5 Year IDIQ: July 2015 – July 2020
Non Standard Commercial Vehicle (NSCV)

- Lightweight Armor Materials – transparent and opaque
- Lower Cost Wheel Assembly – lightweight, run flat compatible; readily available lead times
- Purpose Built NSCV – no OEM reliance; improved performance, durability, and lifecycle

### Acquisition Strategy
- NSCV2: Full & Open Competition
- P-Built: Finalizing Strategy

### Period of Performance
- Sustainment Ongoing
- Purpose Built NSCV: T: FY20 Award
  O: FY19 Award

### Milestones
- NSCV1 Production End: July 18
- NSCV2 IOT&E: March 18
- NSCV2 PQT Completion: 1QFY19

### Point of Contact
- USSOCOM SOF AT&L, Technology & Industry Liaison Office (TILO) (813) 826-9482

### Funding
- ~$35M/year (average)

### Current Contract/OEM
- Battelle Memorial Institute (Columbus, OH)
- 7 Year IDIQ: July 2016 – July 2023
Ground Mobility Vehicle 1.1 (GMV 1.1)

- Lighter weight armor solutions
- Weight reduction efforts
- Terrain specific tire alternatives
- Hybrid/Electric Engine

### Acquisition Strategy
- Full and Open Competition
- Single Vendor Award
- Produce & Evaluate Test Vehicles
- Full-Rate Production Decision

### Period of Performance
- PoP: Aug 13 - Aug 20
- 5 Years Production

### Milestones
- IOT&E: November 2015
- First Unit Equipped: April 2016
- Full Rate Production Decision: March 17
- Initial Operational Capability: September 2020

### Funding
- ~$40M/year (average) through FY23

### Current Contract/OEM
- General Dynamics Ordnance and Tactical Systems (St. Petersburg, FL)
- 7 Year IDIQ: August 2013 – August 2020

### Point of Contact
- USSOCOM SOF AT&L, Technology & Industry Liaison Office (TILO) (813) 826-9482
Mine Resistant Ambush Protected Vehicle (MRAP/M-ATV)

- Equipment exchange agreements
- Future SO-P capability improvements
- Value engineering efforts to reduce future sustainment costs

**ACQUISITION STRATEGY**
- JPO MRAP Contracts

**PERIOD OF PERFORMANCE**
- Sustainment ongoing
- Reset planned in FY19

**MILESTONES**
- None

**POINT OF CONTACT**
- USSOCOM SOF AT&L, Technology & Industry Liaison Office (TILO) (813) 826-9482

**FUNDING**
- ~$70M/year

**CURRENT CONTRACT/OEM**
- No Active Contracts
- FSR Support: Mantech / Lockheed Martin
# Ground Mobility Vehicle 1.0 (GMV 1.0)

- Equipment exchange agreements

## Acquisition Strategy
- Modified Service Common (MFP-2)

## Period of Performance
- Sustainment / Divestiture
- Reset as necessary

## Milestones
- None

## Point of Contact
- USSOCOM SOF AT&L, Technology & Industry Liaison Office (TILO) (813) 826-9482

## Funding
- ~$10M/year

## Current Contract/OEM
- No Active Contracts
- Reset: Letterkenney Army Depot (LEAD)
Questions?