EFV MISSION

Provide High Speed Transport of Embarked Marine Infantry From Ships Located Beyond the Horizon to Inland Objectives

Provide Armor Protected Land Mobility and Direct Fire Support During Combat Operations
EFV
MISSION ESSENTIAL FUNCTIONS

Move (Land)  Move (Water)  Shoot

Communicate  Carry  Protect
**PROGRAM STATUS**

**KEY PERFORMANCE PARAMETERS**

<table>
<thead>
<tr>
<th>CRITERIA</th>
<th>THRESHOLD</th>
<th>OBJECTIVE</th>
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</thead>
<tbody>
<tr>
<td>High Water Speed - 2’significant wave height, for not less than 1 continuous hour</td>
<td>20 knots</td>
<td>25 knots</td>
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<tr>
<td>Land Speed - Forward speed on hard surface road</td>
<td>69 kph</td>
<td>72 kph</td>
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<tr>
<td>Firepower - Maximum effective range Interoperability/standard ammunition with other service(s)</td>
<td>1500m</td>
<td>2000m</td>
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<tr>
<td>Armor Protection - Any azimuth</td>
<td>14.5mm/300m</td>
<td>30mm/1000m</td>
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<tr>
<td>Reliability - Mean Time Between Operational Mission Failure</td>
<td>43.5 hrs</td>
<td>56 hrs</td>
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<tr>
<td>Carrying Capacity</td>
<td>17 Marines</td>
<td>18 Marines</td>
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- Net Ready
  - Compliance based on IA, GIG-KIPs, & SDE testing

100% of designated enterprise-level or critical interfaces & services

Currently Demonstrated

Plan to Demonstrate

100% of all enterprise-level & critical interfaces & services
The EFV design provides an integrated, on-the-move, interoperable, C2 capability that supports all C2 requirements of the Squad, Platoon, Company (EFVP1) and the Battalion and Regiment (EFVC1).
TECHNOLOGY INTERESTS

- Cooling System Improvements
- Lightweight Armor Improvements
- Heat Resistant Materials
- Blast Resistant Seats
- Survivability Improvements
- Armor Upgrade Kits
- Self-Sealing Fuel Tanks