

AAV RAM/RS PROGRAM

DESCRIPTION

The Assault Amphibious Vehicle Reliability, Availability, Maintain-ability/Rebuild to Standard (AAV RAM/RS) acquisition program improves the Marine Corps' ability to logistically support the AAV family of vehicles. The program replaces the AAV's suspension system with one derived from the US Army's Bradley Fighting Vehicle. A 525-horsepower Cummins V903 engine, also derived from the Bradley, replaces the current



400-horsepower engine. The HS-400 transmission is rebuilt with modifications, including a new torque converter, to change it to the HS-525 configuration. The remainder of the vehicle is rebuilt to original specifications.

OPERATIONAL IMPACT

The AAV RAM/RS improves the reliability and supportability of the AAV family of vehicles while also improving MAGTF mobility and survivability. This will ensure the viability of the vehicle until the full fielding of the Expeditionary Fighting Vehicle in FY 2018.

PROGRAM STATUS

RAM/RS production started in FY 1999 and program completion is projected for FY 2007. A total of 1,007 vehicles will be rebuilt (896 P-variants, 64 C-variants & 47 R-variants).

PROCUREMENT PROFILE:

Quantity:

FY 04

132

FY 05

60

DEVELOPER/MANUFACTURER

Hull Modification : United Defense, L. P. (Marine Corps Systems Division), Albany, GA

Engines: Cummins Inc., Columbus, IN

Vehicle disassembly, component rebuild, vehicle assembly:
Marine Corps Logistics Base, Albany, GA