

U.S. Marine Corps Advanced Reconnaissance Vehicle Prototypes Feature Allison Transmissions

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Allison's 3000 Specialty Series™ transmission chosen by both manufacturers competing for the Marine Corps' newest wheeled armored vehicle prototype

INDIANAPOLIS--(BUSINESS WIRE)--Nov. 11, 2021-- Allison Transmission, a leading designer and manufacturer of conventional and electrified vehicle propulsion solutions for tactical wheeled and tracked defense vehicles, and medium- and heavy-duty commercial vehicles is an active participant in the U.S. Marine Corps' combat vehicle modernization plan. Both Textron Systems and General Dynamics Land Systems have been down-selected by the Marine Corps to build prototypes for the Advanced Reconnaissance Vehicle (ARV) competition and both are equipped with an Allison Specialty Series transmission as their propulsion solution.

The Marine Corps also announced it will work with BAE Systems to study the possibility of adapting their Amphibious Combat Vehicle (ACV) to become the ARV. BAE's ACV, which entered full rate production in February 2021, uses an Allison 4000 Specialty Series transmission.

"Allison takes great pride collaborating with leading defense partners, providing propulsion solutions for their vehicles, and meeting the requirements of the U.S military and our customers around the world," said Dana Pittard, Vice President for Defense Programs at Allison Transmission.

The Marine Corps is looking to replace its fleet of Light Armored Vehicles as part of the Marine Corps' modernization. The ARV will weigh less than 37,000 pounds and requires the power and torque to maneuver effectively on land and sea; under extreme conditions through the surf zone, across sandy soil, and into combat action.

"Allison's fully automatic transmissions are engineered without compromise, and deliver Continuous Power Technology™ for smooth, seamless, full-power shifts and superior acceleration. Allison Automatics have no power interrupts during shift changes making the best use of the engine's horsepower and torque by delivering more power to the wheels, and allowing the vehicle crew to focus on mission accomplishment," said Pittard.

The two OEMs are expected to deliver their prototype vehicles in 2023 followed by a rigorous six-month government evaluation. In its solicitation to industry, the Marine Corps said it may pursue a production effort upon successful completion of the prototype project, and build approximately 500 vehicles over five years.

About Allison Transmission

Allison Transmission (NYSE: ALSN) is a leading designer and manufacturer of vehicle propulsion solutions for commercial and defense vehicles, the largest global manufacturer of medium- and heavy-duty fully automatic transmissions, and a leader in electrified propulsion systems that Improve the Way the World Works. Allison products are used in a wide variety of applications, including on-highway trucks (distribution, refuse, construction, fire and emergency), buses (school, transit and coach), motorhomes, off-highway vehicles and equipment (energy, mining and construction applications) and defense vehicles (tactical wheeled and tracked). Founded in 1915, the company is headquartered in Indianapolis, Indiana, USA. With a presence in more than 150 countries, Allison has regional headquarters in the Netherlands, China and Brazil, manufacturing facilities in the USA, Hungary and India, as well as global engineering resources, including electrification engineering centers in Indianapolis, Indiana, Auburn Hills, Michigan and London in the United Kingdom. Allison also has more than 1,400 independent distributor and dealer locations worldwide. For more information, visit allisontransmission.com.

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