
Photos provided courtesy U.S. Navy
EMALS will replace the current generation of steam catapults. This switch to an electromagnetic system will lower operating costs, require fewer people to operate, improve catapult performance and expand the range of manned and unmanned aircraft that the aircraft carrier can launch.

The GA team has completed high cycle testing on components and has installed the full-size, ship-representative EMALS equipment in the land-based test facilities at Joint Base McGuire-Dix-Lakehurst, N.J., for system tests.

EMALS equipment will be installed on CVN 78.