

PNEUMATIC SONOBUOY LAUNCHING SYSTEMS

Protects U.S. and allied fleets

L3Harris designs and manufactures pneumatic-powered sonobuoy launching systems for maritime patrol aircraft and anti-submarine warfare applications. Available in single launch and rotary multi-launch configurations, L3Harris Sonobuoy Launching Systems (SLS) are used on specialized multi-mission aircraft such as the P-8A Poseidon.

The Sonobuoy Rotary Launch System (SRL) is a pneumatic-powered launcher capable of releasing ten A-sized sonobuoys at an interval of three seconds between launches. Mounted directly to the floor of the aircraft, the system is reloadable in flight and operates with charge pressures of 1000 to 5000 psi. The SRL can launch forty sonobuoys on a single 5000 psi pre-charge. The SRL can be coupled with an on-board 3 Td1 (s a po-7.1r.8 (a)1 (f t)2.5 3 (p)-2.-6 (Ule 5) 6.6 n on-bb8 (a)20 () JJE)5pt65.7 (g)-8.8 (h)11 (t a)-7.7A/T17 (h)-1.6 (a)-MT7 (h

The SRL features a rotary carousel capable of carrying 10 LAU-126/A canisters which hold standard A-size buoys, or can be modified

to hold F- or G-size sonobuoys through the use of adapters. It is ideally suited for mid- and large-size maritime patrol aircraft.

SONOBUOY SINGLE LAUNCH SYSTEM

The Sonobuoy Single Launch System (SSL) is a pneumatic-powered launcher for releasing a single A-size sonobuoy from a standard LAU-126/A canister. Like the SRL, the launcher is mounted to the floor of the aircraft, is reloadable in flight, and can be modified for F- or G-size sonobuoys. Each launcher has electrical and functional interfaces to the aircraft and has met all safety protocols and qualification test requirements f

BENEFITS

> Proven flight heritage demonstrates

SONOBUOY ROTARY LAUNCH SYSTEM

