



CRANE

Innovation Infosheet

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Ammunition Canister and Feed System

Track Code: CRANE-99833

Categories:

- Mechanical Engineering
- NSWC Crane

Keywords:

- Ammunition
- Crane
- Mechanical Engineering
- Weapons

Naval Surface Warfare Center, Crane Division (NSWC Crane) has developed, patented, and deployed an "Ammunition Canister and Feed System" for integrating the GAU-21 machine gun and cradle with the UH-1Y helicopter. There was a need for an effective ammunition feed system, as well as a casing and link ejection system.

This ammunition canister and feed system came out of the need to provide a system for new, updated guns to be attached to aircraft such as helicopters. There was also a need for effective ammunition feed system, and casing and link ejection system. This technology includes an armament system for aircraft, an ammunition system, and a mount system for a machine gun. The ammunition system includes a canister and feed system. The system is in use.

Potential Applications:

- Military

People:

- Buechler, James (Project leader)
- Holzmeyer, Michael

Intellectual Property:

Application Date: September 30, 2009

Type: Utility Patent

Country of Filing: United States

Patent Number: 8,151,684

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