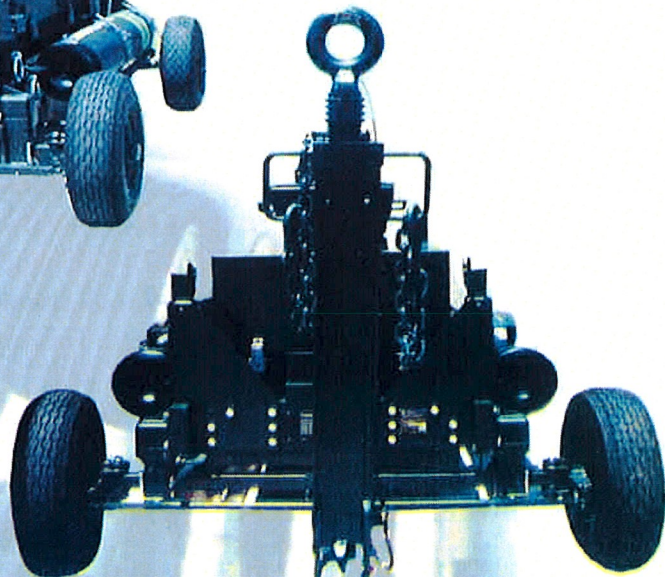
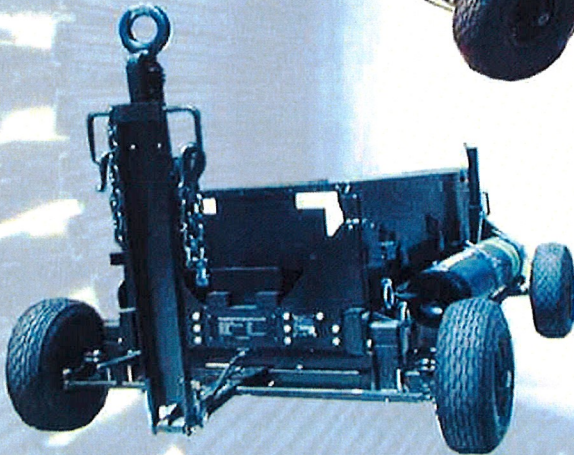
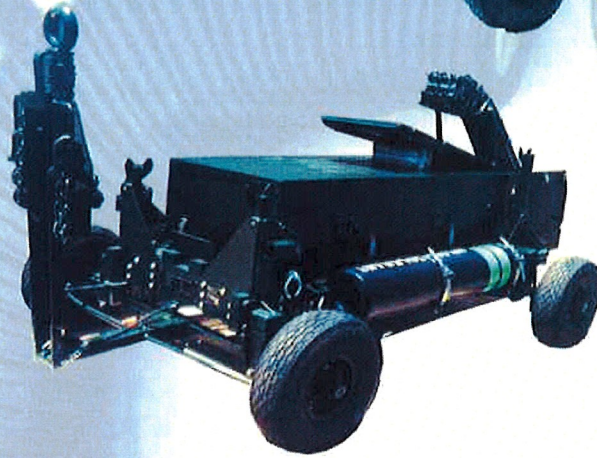
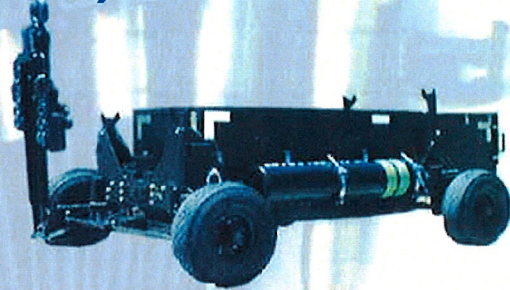




AIR FORCE Linkless Ammunition Loading System (LALS)



HYDRAULICS INTERNATIONAL, INC.

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AIR FORCE Linkless Ammunition Loading System (LALS)

P/N 029999-3
NSN 1730-01-428-4275

APPLICATION

LALS is the next generation and latest development in ground support equipment for storing, transporting and loading 20mm rounds into the Air Force aircraft gun system while downloading and restoring empty cases and unfired rounds. The ammunition loader interfaces with the F-15, F-16 or F-22 aircraft M61A1 gun system.

Ammunition Loader

FEATURES:

- The ammunition loader is used alone to accomplish servicing the M61A1 gun system and in conjunction with the other configuration end item, the ammunition replenisher for replenishment of the ammunition loader.
- Stores 2100 rounds of 20mm ammunition.
- Loads aircraft at a maximum rate of 830 spm by two crewmen in less than five minutes.
- Replenishes the LALS at a nominal rate of 100 spm by three crewmen in less than 25 minutes.
- Can typically service F-15, F-16 and F-22 or any aircraft with M61A1 Aircraft Gun Feed System (AGFS).
- Three-bay chain ladder linear linkless is a completely mechanical system, driven by its own pneumatic drive system or operated manually using a 1/2 inch square power tool.
- Automatic internal timing feature facilitates quick servicing and maintenance of the system.
- Narrow profile weather proof housing provides protection for the system and its ammunition payload against harsh environment, it also houses the storage container, conveyor assembly and transfer unit assembly.
- Stacks additional storage box on top, providing storage and shipping capabilities.
- The trailer chassis is a four wheeled trailer with a handbrake for transporting the loader behind a tow truck.
- System reliability is greater than 200,000 MRBF (Mean Rounds Between Failure).

PHYSICAL CHARACTERISTICS:

Height45-1/2 inches
Width28 inches
Length133 inches
Weight-Full/Empty . . .3294 lbs/2375 lbs



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