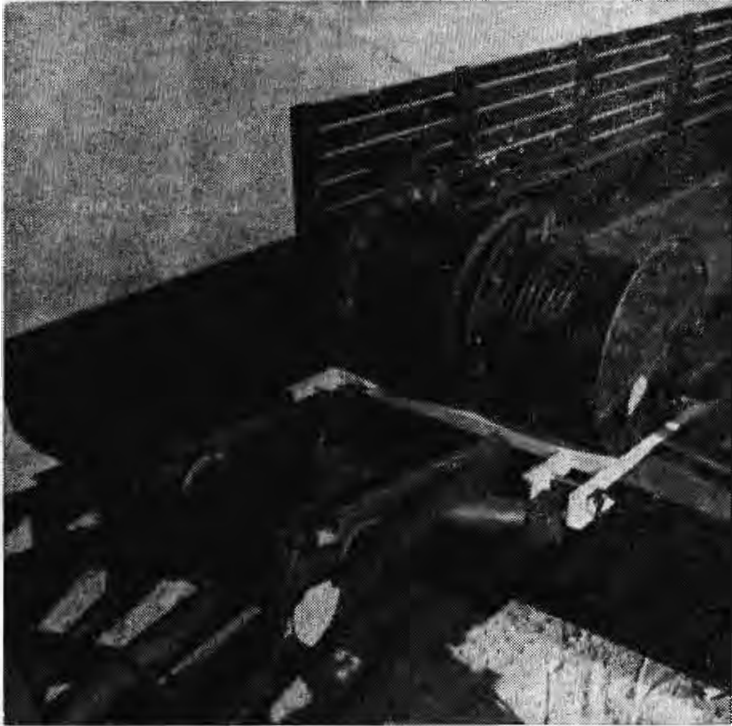


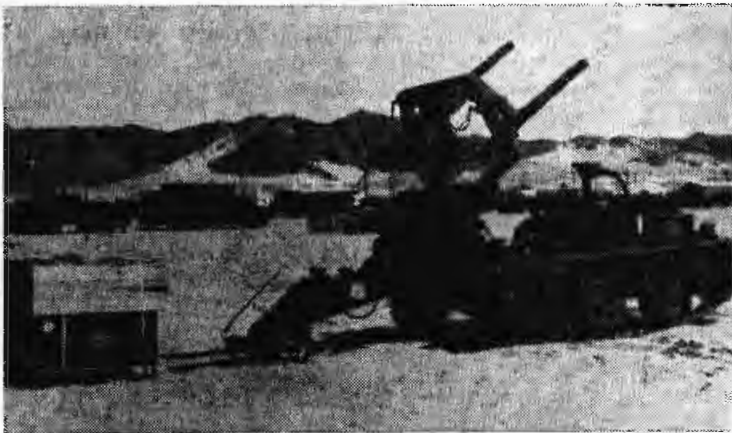
Marines + Ingenuity = Success



THE ORIGINAL MODEL—Designed by SSgts Cooper and Stott, was intended to be used for loading and unloading cable reels and fuel drums onto and off trucks.



PROUD INVENTORS—SSgt Cooper (left) and SSgt Stott, of "A" Battery, 2nd LAAMS, stand beside the working model of their fork-lift device, attached to the HAWK missile loader-transporter. The device is currently undergoing its eighth re-modification.



THE APPROACH—SSgt Cooper approaches the palletized gear with the loader-transporter with the fork-lift device attached. It has taken him and Sgt Stott approximately 230 hours of off-duty time to design and perfect their invention.

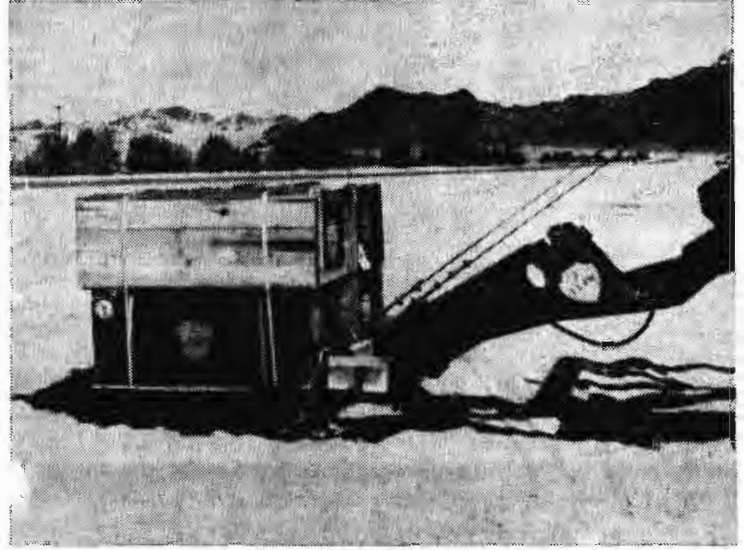
"Necessity is the mother of invention", is an old and very true adage as we all know. Necessity for an easier method of loading and unloading bulky equipment led to the invention of a fork-lift type device adapted to the HAWK missile loader-transporter. SSgts Alvin Cooper and Bruce Stott of "A" Battery, 2nd LAAM Battalion are two men who saw the need decided to do something about it and then did.

Their device, presently in its eighth modification, has earned them two letters of commendation and probably the thanks of unknown numbers of privates. The new device replaces six to eight men when it comes to loading a HAWK battery's myraid of equipment onto trucks and aircraft. With this device, one man can now load a truck in 15 minutes resulting in an immense savings in both time and manpower.

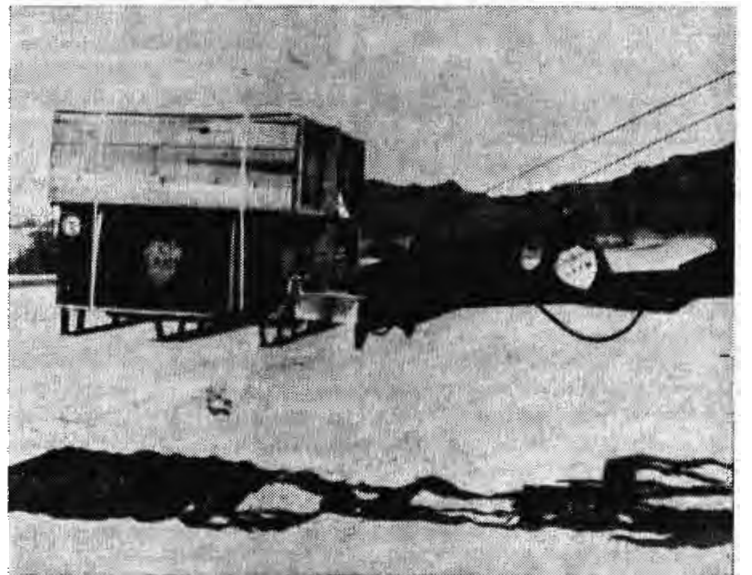
Not content to rest on their laurels, Cooper and Stott continued to work on their invention until it reached its present stage of development. Even though it is now being used by "A" Battery, the men are still seeking to improve the design, increase the load capacity and adding safety features.

Working during their off-duty hours, Cooper and Stott have devoted at least 230 hours to their invention. They first made a wooden model and continued to modify this until the men figured they had what they were looking for. They then made a practical working model and tested it. The first model was designed primarily as a barrel and cable reel lifting device. Successive models have increased the scope of the device. As it now stands Cooper and Stott have given the HAWK battery a potential of five fork-lifts, which can lift loads up to 1600 pounds and operate on all types of terrain.

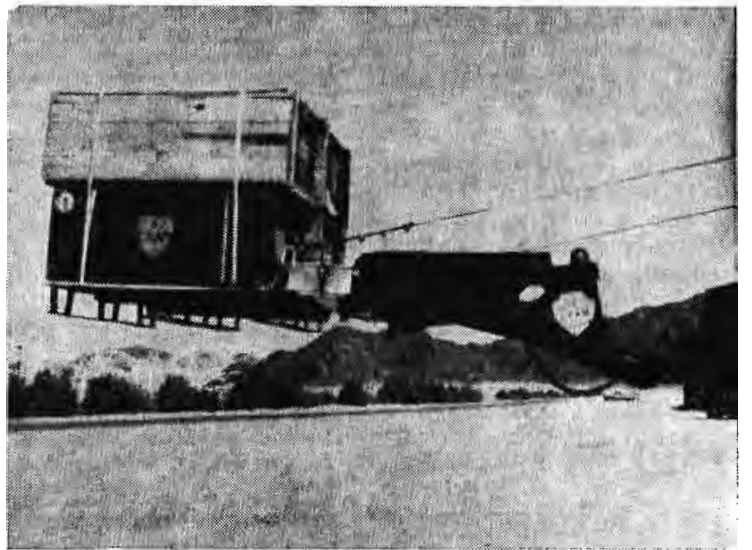
The device is portable, weighs approximately 110 pounds and can be carried by one man. With a load capacity of 1600 pounds of equipment of various sizes and shapes, it can raise a load, level, up to a height of five feet. The device can also be used to load and unload both trucks and aircraft, is easily attached and removed from the loader-transporter.



GENTLY NOW—The device reaches under equipment to be loaded and lifts it off the ground. The device can lift loads up to 1600 lbs.



EASY DOES IT—The load is lifted off the ground. Sgts Cooper and Stott estimate the device cost \$135 to make. It is presently under evaluation by Headquarters Marine Corps.



READY TO PUT ON THE TRUCK—the load reaches the maximum height of the device which is five feet. Load is kept level through out the entire loading operation. It can be used in loading aircraft as well as trucks.

Story By
Sgt H. A. Samson

Photos By
LCpl W. C. Ackerman



ALL ABOARD—The cargo is placed on the bed of the truck being loaded. The device is operated by one man and can load a truck in 15 minutes. It replaces the six to eight men formerly needed to load the truck.