

Case Study: Assault Hoseline System (AHS) Training

The Challenge

The United States Army needed an efficient, effective way to train troops on the installation, deployment, operation, basic repair and recovery of a new fuel deployment system, the Assault Hoseline System (AHS). This training needed to be accessible to troops that could be stationed anywhere in the world.

The Audience

Male and female soldiers responsible for installing, operating and recovering the AHS.

The Message

Proper installation, use and recovery of the AHS is essential for safe, successful deployment of fuel needed during troop maneuvers.

The Objectives

The training objectives were for personnel to:

- Be able to identify all of the component parts of the AHS
- Understand how to unpack and assemble the components
- Know the procedures for safely installing the system onto the host vehicle
- Know how to safely deploy and retrieve the AHS hose
- Know when to safely use the support kits
- Understand safe, basic pump operation
- Understand the steps required to prepare the system for shipping



The Solution



Carroll & Company teamed up with LaBarge Products, the manufacturer of the AHS, to produce a digital training video consisting of short modules that focused on each of the training objectives. This format provided the needed flexibility allowing trainees to view the training from beginning to end or by selecting individual modules for review as needed.

To communicate the goals and overall message of the training, the central visual theme features US Army troops demonstrating each step of the installation, deployment, recovery, and maintenance of the AHS as it is described by a professional voice-over narrator. Additional visuals in the opening and closing sequence included still photographs of soldiers engaged in training maneuvers. Graphics are also used to reinforce key concepts and topic transitions.

To reinforce the overarching safety message, throughout the video trainees are alerted to potential hazards with both a visual and audio signal. When a safety alert is required, the video freezes on an image illustrating the risk, and an “alert” graphic appears on screen. A horn provides an audio cue alerting trainees to pay close attention to the information being provided.