

AFCESA A-GRAM



AIR FORCE CIVIL ENGINEER SUPPORT AGENCY

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AIR FORCE QUALIFICATION TRAINING PACKAGE (AFQTP) VIDEO

CIVIL ENGINEER AIRFIELD SNOW AND ICE CONTROL OPERATIONS

SYNOPSIS:

We have recently completed a new introductory snow and ice control training video. It is designed to give viewers a brief overview of CE Airfield Snow and Ice Control (S&IC) procedures as outlined in various Air Force directives and instructional publications. It supports annual base-level "pre" snow removal training requirements as prescribed in Air Force Instruction 32-1002. In addition to supporting annual training requirements, it can also be used to train 3-level apprentice trainees as prescribed in the respective Career Field Education and Training Packages. This video gives a brief description of pre- and post-snow removal preparations, the various uses and types of common S&IC equipment, some of the many procedures used to remove snow and ice from airfield pavements, and pertinent safety aspects associated with S&IC operations.

S&IC OPERATIONAL OVERVIEW:

Airfield snow and ice control is serious business. The success or failure of an installation's winter flying mission can be directly tied to the success of its snow and ice control program. This video was not designed to take the place of annual S&IC training, but rather to support base-level programs by providing concepts and discussion points for instructors and viewers alike.

PRE-SEASON

PREPARATIONS:

Following an introduction on the importance of S&IC operations, the video gives viewers a brief glimpse of some of the many pre-season requirements to ready snow team members and equipment for winter weather. Assorted pre-season video clips are used to stress the importance of individual/team training, safety, and S&IC vehicle maintenance. The importance of conducting annual pre-season S&IC committee meetings, establishing viable snow control centers, and identifying/removing airfield obstacles is also discussed in this section.

OPERATIONAL PROCEDURES:

Designed to give viewers a general overview of airfield S&IC procedures, this section of the video uses commonly-encountered weather conditions to highlight the roles, responsibilities, and techniques tied to modern airfield S&IC operations. Calm, parallel, and crosswind conditions are used as building blocks to help establish discussions on

some of the more common techniques used by snow team members to remove snow and ice from vital airfield pavements. A brief discussion on the use, importance, and environmental impacts of various ice control chemicals is also presented.

POST-SEASON:

As one of the most critical components of any S&IC program, the initiation of a strong post-season program is a critical task that guarantees successful future S&IC seasons. This section uses various "post snowstorm" clips to emphasize the importance of documenting S&IC lessons learned and then applying corrective actions to increase future operational effectiveness. The importance of post snow and ice control committee action, the need to reevaluate existing S&IC plans, and the critical nature of conducting an in-depth summer rebuild program are brought to viewers' attention.

ACCESSIBILITY:

Initial distribution has been made. For information regarding distribution procedures or to obtain copies of this and other training products, direct requests to HQ AFCESA/CEOF. Questions regarding this video may also be directed to the point of contact below.

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