

In May 1982, the Department of the Army initiated a program to determine and evaluate the physical properties, the load-carrying capacity for various aircraft, and the general condition of the airfield pavements at major U.S. Army airfields (AAFs). At the request of Major Army Commands (FORSCOM, TRADOC, and AMC), the AAF program was established at ERDC. In 2003, Headquarters, Installation Management Command (IMCOM) started centrally funding the AAF Pavement Evaluation Program at ERDC. Periodic inspection of AAF's in accordance with AR 420-1 (Headquarters, Department of the Army 2012) ensures mission readiness. Annual training for airfield management and DPW personnel is offered by IMCOM, additional info is available at this website https://www.ako2.us.army.mil/content/army_ako/en/mycommunities/Home/groups/IMCOM/M/Groups/IMCOM_HQ/Groups/HQUSAGHood/Groups/adtip-imcom.html

Contact Us:
IMCOM ADTIP PM
 210-466-0535
michael.r.andres.civ@mail.mil

ERDC POC
 601-634-2185
andrew.harrison@usace.army.mil

I-GRAM

Army Dams and Transportation Infrastructure Program

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The Airfield Pavement Training course is sponsored by Headquarters, Installation Management Command (IMCOM) as part of the College of Installation Management, School of Public Works. With IMCOM, the Engineer Research and Development Center (ERDC) conducts a three-day airfield pavement training course for airfield and DPW personnel.

Training Topics: pavement evaluation process, structural capacity, surface condition, repair techniques, preventive maintenance, reported results, and management of airfield pavement infrastructure.



Army policy is to use the PAVER system in the management of Army pavements. The frequency of inspection based on airfield category. Category 1 Critical: **5-year cycle, PCI & PCN.** Category 1 Non-Critical: **4-year PCI cycle & 8-year PCN cycle.**



Pavement-Transportation Computer Assisted Structural Engineering (PCASE) develops and provides computer programs for use in the design and evaluation of transportation systems (airfields, roads, and railroads).



PAVER™ is the State-of-Art technology in pavement management and its development has greatly benefitted from strong support both within and outside the DOD community.

