

CECW-EWS

DEPARTMENT OF THE ARMY  
U.S. Army Corps of Engineers  
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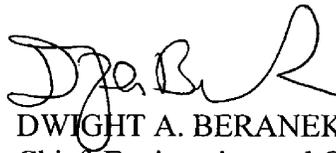
Technical letter  
No.1110-3-504

1 November 2002

EXPIRES 30 SEPTEMBER 2006  
Engineering and Design  
AIRFIELDS/HELIPORTS SURFACE DRAINAGE DESIGN

1. Purpose. This letter provides guidance, basic criteria and information for the design of surface drainage of Army and Air Force airfields and heliports.
2. Applicability. This letter applies to all HQUSACE elements and USACE commands having military construction and design responsibilities.
3. Distribution. Approved for public release; distribution is unlimited.
4. References.
  - a. TM 5-820-1/AFM 88-5, Chap 1, Surface Drainage Facilities for Airfields and Heliports
  - b. ER 1110-345-100, Design Policy for Military Construction
  - c. UFC 3-260-02, Pavement Design for Airfields, 30 June 01
5. Background. The current 2-year design-frequency used to design surface drainage for Army and Air Force airfields and heliports is not considered adequate to provide the degree of protection to support mission requirements.
6. Action. Pending publication of the revised unified facilities criteria and technical manuals above, drainage design for Army and Air Force airfields and heliports will be based on a 10-year design-frequency, unless exceptional circumstances require greater protection.
7. Implementation. This letter will have routine application for all future Army and Air Force airfield and heliport projects as defined in paragraph 6c, ER 1110-345-100.

FOR THE COMMANDER:



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Chief, Engineering and Construction Division  
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