



U.S. Department  
of Transportation  
Federal Aviation  
Administration

# Advisory Circular

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<b>Subject:</b> Announcement of Availability of Airport-Related Research and Development Products	<b>Date:</b> 9/29/08 <b>Initiated by:</b> AAS-100	<b>AC No:</b> 150/5000-15 <b>Change:</b>
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- 1. PURPOSE.** This advisory circular (AC) explains how to obtain the latest airport-related research and development (R&D) products funded by the Federal Aviation Administration's (FAA's) Airports Organization.
- 2. SCOPE.** This AC describes R&D products from:
  - a. The FAA's Airport Technology Research and Development Branch,
  - b. The Airport Cooperative Research Program (ACRP),
  - c. The Innovative Pavement Research Foundation (IPRF), and
  - d. The Airfield Asphalt Pavement Technology Program (AAPTTP).
- 3. APPLICATION.** The FAA is providing this document as a resource for airport operators and the general public. The R&D products available from the FAA, ACRP, IPRF, and AAPTTP are for information only. If the FAA accepts the results of this R&D, we will incorporate the results into the appropriate ACs and explain any impacts on related standards or requirements.
- 4. COMMENTS OR SUGGESTIONS.** Send any comments or suggestions for improving this AC to:

Manager, Airport Engineering Division  
Federal Aviation Administration  
ATTN: AAS-100  
800 Independence Avenue SW  
Washington DC 20591

**5. COPIES OF THIS AC.** You can obtain electronic copies of this AC from the FAA website ([www.faa.gov](http://www.faa.gov)). You can order a printed copy of this AC and other ACs from:

U.S. Department of Transportation  
Subsequent Distribution Office  
Ardmore East Business Center  
3341 Q 75th Avenue  
Landover MD 20785

A handwritten signature in black ink, appearing to read "Michael J. O'Donnell". The signature is written in a cursive, flowing style with a large initial "M" and "J".

Michael J. O'Donnell  
Director of Airport Safety and Standards

## **AIRPORT-RELATED R&D PRODUCTS**

### **1.1. FAA AIRPORT TECHNOLOGY RESEARCH AND DEVELOPMENT BRANCH PRODUCTS.**

**a.** The FAA's Airport Technology Research and Development Branch undertakes research in a variety of areas, including:

- (1) Airport Design Technology,
- (2) Aircraft Rescue and Firefighting Technology,
- (3) Airport Wildlife Hazard Abatement,
- (4) Operation of New Large Aircraft (NLA),
- (5) Visual Guidance and Runway Incursion Reduction,
- (6) Runway Surface Technology,
- (7) Advanced Pavement Design,
- (8) National Airport Pavement Test Facility (NAPTF),
- (9) Nondestructive Pavement Testing, and
- (10) Pavement Materials.

**b.** You can find information about the subject areas listed above on the following website:  
**[www.airtech.tc.faa.gov/index.asp](http://www.airtech.tc.faa.gov/index.asp)**

### **1.2. AIRPORT COOPERATIVE RESEARCH PROGRAM (ACRP) PRODUCTS.**

**a.** The Airport Cooperative Research Program (ACRP) undertakes research in a number of subject areas, including:

- (1) Administration,
- (2) Environment,
- (3) Policy and Planning,
- (4) Safety,
- (5) Security,
- (6) Human Resources,
- (7) Design,
- (8) Construction,

(9) Maintenance, and

(10) Operations.

b. ACRP makes its R&D products available on its website:

(1) ACRP Project Reports: [www.trb.org/news/blurb\\_browse.asp?id=136](http://www.trb.org/news/blurb_browse.asp?id=136)

(2) ACRP Synthesis Reports: [www.trb.org/news/blurb\\_browse.asp?id=138](http://www.trb.org/news/blurb_browse.asp?id=138)

(3) ACRP Research Results Digests: [www.trb.org/news/blurb\\_browse.asp?id=139](http://www.trb.org/news/blurb_browse.asp?id=139)

(4) ACRP Legal Research Digests: [www.trb.org/news/blurb\\_browse.asp?id=140](http://www.trb.org/news/blurb_browse.asp?id=140)

### **1.3. INNOVATIVE PAVEMENT RESEARCH FOUNDATION (IPRF) PRODUCTS.**

a. The FAA funds concrete research through the IPRF to improve the design, construction, rehabilitation, and repair of airfield pavements to aid in the development of safer, more cost effective, and more durable airfield pavements.

b. You can access IPRF R&D products on the following website:  
[www.iprf.org/products/main.html](http://www.iprf.org/products/main.html)

### **1.4. AIRFIELD ASPHALT AND PAVEMENT TECHNOLOGY PROGRAM (AAPT) PRODUCTS.**

a. The FAA funds asphalt research through the AAPT to improve the design, construction, rehabilitation, and repair of airfield pavements to aid in the development of safer, more cost effective, and more durable airfield pavements.

b. You can access AAPT R&D products on the following website:  
[www.aapt.us/reports.html](http://www.aapt.us/reports.html)