



U.S. Department
of Transportation
Federal Aviation
Administration

Advisory Circular

Subject: Announcement of Availability of
Airport-Related Research and
Development Products

Date: 7/23/2013
Initiated by: AAS-100

AC No: 150/5000-15B
Change:

- 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 (AATP).
- 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 AATP are for information only. If the FAA accepts the results of this R&D, we will incorporate the new data into the appropriate ACs and explain any impacts on related standards or requirements.
- 4. CANCELLATION.** This AC cancels AC 150/5000-15A, Announcement of Availability of Airport-Related Research and Development Products, dated April 1, 2010.
- 5. PRINCIPAL CHANGES.** This AC contains updates to the IPRF and AATP programs.
- 6. 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

- 7. COPIES OF THIS AC.** Electronic copies can be obtained from the FAA website (www.faa.gov).

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

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

b. You can find information about the subject areas listed above on the following website:
www.airporttech.tc.faa.gov.

1.2. AIRPORT COOPERATIVE RESEARCH PROGRAM (ACRP) PRODUCTS.

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

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

- (9) Maintenance,
 - (10) Operations, and
 - (11) Special Projects.
- b. ACRP makes its R&D products available on its website:
- (1) ACRP Project Reports:
www.trb.org/Publications/Public/PubsACRPPProjectReports.aspx
 - (2) ACRP Synthesis Reports:
www.trb.org/Publications/PubsACRPSynthesisReports.aspx
 - (3) ACRP Research Results Digests:
www.trb.org/Publications/PubsACRPResearchResultsDigests.aspx
 - (4) ACRP Legal Research Digests:
www.trb.org/Publications/PubsACRPLegalResearchDigests.aspx
 - (5) ACRP Web-Only Documents:
www.trb.org/Publications/PubsACRPWebOnlyDocuments.aspx
 - (6) ACRP Impacts on Practice:
www.trb.org/Publications/PubsACRPImpactsonPractice.aspx

1.3. INNOVATIVE PAVEMENT RESEARCH FOUNDATION (IPRF) PRODUCTS.

a. The FAA funded concrete pavement 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. The IPRF program was completed in September 2011. No additional RFPs are planned. IPRF R&D products will continue to be available on the IPRF website. You can access IPRF R&D products on the following website: www.iprf.org; www.iprf.org/products/main.html.

1.4. AIRFIELD ASPHALT PAVEMENT TECHNOLOGY PROGRAM (AAPT) PRODUCTS.

a. The FAA funded 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. The AAPT program was completed in May 2011. No additional RFPs are planned. AAPT R&D products will continue to be available on the AAPT website. You can access AAPT R&D products on the following website: www.aapt.us; www.aapt.us/reports.html, www.aapt.us/webinars.html.