



U.S. Department
of Transportation

Federal Aviation
Administration

Advisory Circular

Subject: HOT MIX ASPHALT PAVING HANDBOOK

Date: July 24, 2001

AC No: 150/5370-14A

Initiated by: AAS-200

Change:

1. PURPOSE. This advisory circular (AC) provides updated guidance on asphalt paving operations including project organization, mix design, quality control, plant operations, laydown, and compaction.

2. CANCELLATION. AC 150/5370-14, Hot Mix Asphalt Paving Handbook, dated October 15, 1991, is cancelled

3. BACKGROUND. Agencies and contractors share common concerns about the problems of properly constructing hot mix pavements. Training is a major problem in the decentralized industry such as asphalt

paving, where many contractors operate on too small a scale to make long-term investments in personnel development. As a result, the knowledge and experience of field personnel are often not up to date, and pavement quality frequently may not meet modern performance demands. This handbook concentrates on state of the art field practices for asphalt paving, including plant operations, transportation of materials, surface preparation, laydown, compaction, and quality control processes. The handbook is included in this AC as Appendix 1.

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