

Engineering Brief # 43

April 5, 1989

Subject: INFORMATION: Engineering Brief No. 43,
Computerized Pavement Design

FROM: Manager, Engineering and Specifications Division, AAS-200
TO: All Regions and FAA Academy

Attn: Manager, Airports Division

Engineering Brief No. 43 transmits updated versions of the computer programs for rigid and flexible airport pavement design by the FAA method.

These programs are to replace earlier versions F611FAA and R611FAA which were distributed to all regions with Engineering Brief No. 37 dated November 18, 1986.

The new programs are F806FAA and R805FAA. As with the earlier versions, the codes are as follows:

F = Flexible Pavement Design
8 = 1988
06 = June
FAA = Federal Aviation Administration

similarly
R = Rigid Pavement Design
8 = 1988
05 = May
FAA = Federal Aviation Administration

Programs F806FAA and R805FAA are to be considered draft. The programs contain guidance which we anticipate will be included in AC 150/5320-6D, but have not yet been officially adopted as FAA standards. We encourage their use however, designs should be checked against AC 150/5320-6C to insure accuracy and conformance to existing standards.

Field offices are free to distribute copies of the programs outside the FAA provided users are advised that the programs are draft. If legally challenged, a design developed solely on these programs would not be considered as conforming to FAA standards.

Any comments you have concerning these programs will be appreciated.

ORIGINAL SIGNED BY
ROBERT BATES
Robert Bates

Attachments

ENGINEERING BRIEF NO. 43

COMPUTERIZED PAVEMENT DESIGN

Enclosed is a diskette which contains a copy of two airport pavement design programs. F806FAA and R805FAA. These programs are updated versions of F611FAA and R611FAA which were transmitted to all regions on November 18, 1986 with Engineering Brief No. 37.

These programs are to be considered draft. They contain information which we anticipate will be adopted as FAA standards in the future. Field offices are free to distribute copies of these programs as they see fit, however, users should be cautioned that the programs cannot be considered as FAA standards for airport pavement design. Designs developed using these programs must be checked against AC 150/5320-6C for accuracy and conformance to existing FAA standards.

the programs are designed to run on "IBM compatible" micro-computers using MS/DOS. To execute the programs, insert the diskette into the disk drive and at the prompt enter, either F806FAA for flexible pavement design, or R805FAA for rigid pavement design. The appropriate program should appear on the screen. There are no manuals for these programs. Instructions will appear as prompts on the screen.

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