

GOVERNMENT/INDUSTRY AERONAUTICAL CHARTING FORUM
Instrument Procedures Group
(Transcribed/Re-Formatted)
HISTORY RECORD

FAA Control # 92-02-115

SUBJECT: Instrument Approach Procedures Automation (IAPA) System

BACKGROUND/DISCUSSION: The FAA began development over ten years ago of a computerized system to be used to develop instrument approach procedures. This program has now matured to the point where the FAA should provide assurance to the aviation community that all of the procedural algorithms contained in IAPA faithfully and flawlessly follow TERPS criteria. Because the IAPA system is used to develop individual regulatory procedures, it must be opened to full public scrutiny.

RECOMMENDATION: the FAA should conduct a comprehensive review of all of the procedural algorithms of IAPA with full industry participation. All TERPS procedural dimensions should be validated, including the various trapezoids, approach segments, obstacle surfaces, fix accuracy assumptions, and fix displacement areas.

COMMENT: This recommendation affects internal FAA policies, procedures, and programs.

Submitted by: Charles K. Guy
May 13, 1992
AIR LINE PILOTS ASSOCIATION

INITIAL DISCUSSION (MEETING 92-02): Withdrawn by ALPA. Action: None Required

MEETING 93-01: Unavailable

MEETING 94-01: (From Frank Parr AVN-210 notes) ALPA is concerned that IAPA could possibly not be producing procedures which are correct. They requested that FAA release the algorithms and resultant areas for scrutiny by users. This item was not addressed at the meeting. **Status:** Item Closed.

Editor's note; this was closed (withdrawn) at meeting 92-02