

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

FAA Control # 97-02-191

SUBJECT: RNAV Approach Procedure Charting

BACKGROUND/DISCUSSION: Recently the Flight Procedures Standards Branch, AFS-420, took action to rename all presently existing 'RNAV' SIAP'S TO 'VOR/DME RNAV.' This action opened the way for the new title 'RNAV RWY XX' to be used for the stand along GPS procedures currently published with the title "GPS RWY XX." This proposed new title has been fully coordinated and approved within FAA Flights Standards as well as industry at large. Concurrent with the newly title procedures, other vertical navigation (VNAV) aspects of an RNAV procedure must also be addressed, much of which has been at the specific request of various elements reflecting current policy and agreement. Future changes will be presented at a later date.

RECOMMENDATION:

I. Procedure Title: All new GPS RNAV SIAP's be titled "RNAV RWY XX"; this will include *GPS RNAV* procedures as well as *GPS with Baro-VNAV procedures*. Other RNAV SIAP's, such as VOR/DME RNAV, etc., will continue to be published separately and titled in accordance with current directives.

2. Landing Minima Format: In keeping with the current policy of publishing lowest minima first, followed by higher minima in ascending order:

a. *LAAS Minima*: Publish "LAAS" flush left in the left-most box under the column titled "CATEGORY." Publish "DA(H)" flush right in the same box.

b. *WAAS Minima*: Publish "WAAS" flush left, and "DA (H)" flush right, in this box as in sub-paragraph 2a. above.

c. *GPS with Baro-VNAV Minima*: Publish "BARO VNAV" flush left, and "DA(H)" flush right in this box as in sub-paragraph 2a. above.

d. *Stand-alone GPS RNAV Minima*: Publish "LNAV" flush left, and "MDA(H)" flush right, in this box as in sub-paragraph 2a. above.

e. *COPTER MINIMA ONLY*: Publish "H-176°" flush left, and "DA(H)" or "MDA(H)" (as appropriate) flush right, in this box as in sub-paragraph 2a. above.

3. Profile View:

a. Glide path Angle and TCH: Publish the glide path angle (to 0.01 degrees), and the TCH - both separated by a "/" under the final approach segment depiction above the "profile distance" information. Include the existing "angle symbol."

b. Use the same format as currently used on the ILS profile view.

COMMENT: This recommendation affects Interagency Air Cartographic Committee, U.S. Government Specifications.

Submitted by: Lyle G. Wink, Manager

Organization: Flight Procedures Branch, AFS-440

Date: September 16, 1997

INITIAL DISCUSSION (MEETING 97-02): Jack Corman, AFS-420 led discussion of AFS-440 (Lyle Wink) proposal to rename existing "RNAV" SIAPs to VOR/DME RNAV, and allowing for the naming of GPS stand-alone procedures. Recommendation to combine this issue with 97-02-193, adopted. AFS-440 is continuing development of position to support proposal and report next meeting. AFS-440 is to provide update at the next meeting. **Action:** Item Open (AFS-440)

MEETING 98-01: It was believed that this item was closed during the 97-02 meeting and will be addressed in conjunction with issue 97-02-193. There was no further discussion. **Status:** Item Closed.