

**AERONAUTICAL CHARTING FORUM
Instrument Procedures Group
Meeting 18-01 – April 24, 2018**

RECOMMENDATION DOCUMENT

FAA Control # ACF-IPG RD 18-01-334

Subject: Charting PBN Requirements Box on RNAV DPs and STARs

Background/Discussion:

PARC recommended adding PBN Box to IAPs (IPG 13-02-213) and the charting specifications and criteria were completed and are beginning to roll-out on IAPs at this time.

Recommendations:

Since SIDs/DPs and STARs are also instrument procedures, to be consistent and standardized for all instrument procedures, there should be a PBN Box charting specification created to hold the same PBN requirements information that appears on IAPs, in the same nomenclature format.

Comments:

The “intent” behind the original PARC recommendation was to have a PBN Requirements Box on all procedures with PBN elements, including DPs and STARs.



PARC Recs.pdf

Submitted by: Joel Dickinson

Organization: Flight Standards, PBN Flt Systems (AFS-470)

Phone: 405-954-4809

E-mail: joel.dickinson@faa.gov

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Initial Discussion – Meeting 18-01: Joel Dickinson (Flight Operations Group) said the original PARC recommendation for PBN requirements was on all terminal procedures (SIDs, STARs and approaches). The guidance so far has been specific to approaches and we would like to expand to include RNAV SIDs and STARs, utilizing same format and verbiage. Ted Thompson (Jeppesen) liked the idea. Joel said same implementation timelines as original PBN box, and John Bordy (Flight Procedures and Airspace Group) said that would be after FAA Order 8260.19 change 2 as part of the overall effort. Valerie Watson (Aeronautical Information Services) has draft IACC specifications done. Discussions on this issue will be included with the group formed in issue 13-02-312 (see minutes).

Action Items:

- Joel Dickinson will continue with effort, and solicited interest parties for the combined WG from issue 13-02-312.
- John Bordy will continue on draft language for FAA Orders 8260.19 and 8260.46.

Status: Item open.

Meeting 18-02: Valerie Watson (AJV-553), indicated draft charting specifications are developed but that charting is awaiting changes to both FAA Orders 8260.19 and 8260.46. John Bordy (Flight Procedures and Airspace Group) stated requirements for STAR PBN notes will be added to the next change to both orders.

Action Items: John Bordy will report on the status of adding the required changes to FAA Orders 8260.19 and 8260.46.

Status: Item open.

Meeting 19-01: John Bordy, Flight Procedures and Airspace Group, briefed the issue directly from the [slide](#): discussing a summary and current status. Valerie Watson, AJV-A, indicated that IAC charting specifications will be drafted once verbiage within Order 8260.19I is drafted indicating what procedure developers are required to annotate. STAR PBN requirements notes have been added to the draft Order 8260.19I, and John Bordy will forward the draft verbiage to Valerie. Departure PBN requirements notes are being drafted for Order 8260.46G, Change 1; this should be complete by June with expected publication approximately seven to nine months after that. A question was raised if there will also be an equipment requirements box on SIDs and STARs to indicate non-PBN requirements needed to fly the procedure. Rich Boll, NBAA, mentioned the WLKKR RNAV SID out of Van Nuys contains a DME crossing restriction, but DME is not listed as a requirement for flying the procedure. TJ Nichols, Flight Procedures and Airspace Group, said Order 8260.46 will be reviewed to ensure situations like the WLKKR are addressed within policy.

Action Items:

- John Bordy will forward draft Order 8260.19 and Order 8260.46 to Valerie Watson so AJV-A can complete IAC charting specifications for PBN Requirements Boxes for RNAV DPs and STARs.

- Flight Procedures and Airspace Group will compare the WLKKR SID at Van Nuys to language within Order 8260.46 to determine if adjustments to policy are needed.

Status: Item open.

Meeting 19-02: John Bordy, FAA Flight Procedures and Airspace Group, briefed the issue summary and current status from the [slide](#). The IAC charting specifications are completed and approved and criteria has been added to the Order 8260.19I draft. It will also be added to the Order 8260.46G Chg 1 draft which should be in external coordination around June 2020. Flight Procedures and Airspace Group will report on the status of Orders 8260.19I and 8260.46G Chg1 at the next meeting.

Action Items:

- FAA Flight Procedures and Airspace Group will report on order changes

Status: Item open

Meeting 20-02: Jeff Rawdon, FAA Flight Procedures and Airspace Group, briefed the issue summary and current status from the [slide](#). Requirements have been added to Orders 8260.19I and 8260.46H, with 8260.46H still in coordination.

Action Items:

- Flight Procedures and Airspace Group will report on the status of order 8260.46H

Status: Item open

Meeting 21-01: Jeff Rawdon, FAA Flight Procedures and Airspace Group, briefed the issue summary and current status from the [slide](#). Order 8260.46H should be signed very soon, and he suggested closing the item. Rich Boll, NBAA, inquired from Joel Dickinson, FAA Flight Operations Group, about any supporting changes for the AIM, AIP, IPH, and IFH explaining the meaning of PBN requirements. He said there is still confusion on the approach plates, with STARs now being added. Joel said there is already text in the AIM and the TPP front matter describing the PBN box, adding the goal is publication as close to the same time as possible. Rich said the explanation is not complete, and asked about the table previously worked on. Joel said the table is in the AC, and agrees work needs to be done, adding that improvements are being made. Rich agreed the criteria work on the RD has been completed, though more explanatory language is needed, but agreed with closure of the item.

Status: Item closed