



# Federal Aviation Administration

---

---

## Memorandum

Date: June 6, 2022

To: Lawrence M. Fields, Acting Executive Director, Flight Standards Service

From: Christopher J. Hope, Manager, Flight Technologies and Procedure Division

Subject: Closure of Performance Based Operations Aviation Rulemaking Committee (PARC) Recommendations

*Christopher J. Hope*  
Digitally signed by CHRISTOPHER J HOPE  
Date: 2022.06.06 10:35:02 -04'00'

---

---

The Flight Technologies and Procedure Division (AFS-400) recently conducted a review of outstanding recommendations from the Performance Based Operations Aviation Rulemaking Committee (PARC), as posted on the public-facing PARC Products website. Certain recommendations were carried as open, either in whole or in part, depending on the actions needed to complete the Federal Aviation Administration (FAA) response.

Our review has determined that five of these recommendations, going back to 2015, can be closed. The attachment to this Memo lists the recommendations, the open action and the closure action.

Upon Flight Standards Service (AFX-1) concurrence with this Memo, it will be posted to each applicable recommendation on the PARC Products site as documentation of our closure action.

Approval: **ROBERT C CARTY** Date: *ROBERT C CARTY*  
Digitally signed by ROBERT C CARTY  
Date: 2022.06.21 11:28:01 -04'00'

Disapproval: \_\_\_\_\_ Date: \_\_\_\_\_

**Attachment:** PARC Open Recommendations w/Closure Action

Rec #	Title	Description	Closure Action
150423	PBN Charting Recommendations	Rec 3. All PBN procedures (Approach, DP and STAR) contain a PBN Requirements 'Box'. The 'Box' will contain PBN-related information	Recs 1 & 2 prior closure; Rec 3 Change incorporated in FAAO 8260.19 and 8260.46. Updates to procedures will occur during regular review cycles.
161201	Precipitous Terrain Recommendations	Rec 3 - STAR-IAP: Where necessary to merge a STAR with an IAP in mountainous terrain, recommend current criteria be modified to allow reduction to 1000' of ROC on the portion of the STAR where the distance to be flown to the initial approach fix is 50NM or less. Rec 4 - LNAV/VNAV: Evaluate removing the prohibition of LNAV/VNAV final over precipitous terrain. This is needed to prevent a scenario where LNAV/VNAV isn't published and yet an LNAV line is published	Recs 1&2 incorporated in 8260.58A Chg 1 Recs 3&4 – Flight Procedures & Airspace (AFS-420) worked with Aviation Weather Group's Weather Technology in the Cockpit Program, to contract for the National Center for Atmospheric Research (NCAR) in Boulder, Co. to quantify the effects of precipitous terrain. The NCAR project found nothing conclusive that would justify amending established criteria.
160518	Non-VDL Mode 2 Performance Based CPDLC Recommendations	Recommendation: FAA accepts FANS 1/A over POA as a viable medium in the U.S NAS for Segment 1 enroute CPDLC operations.	Completed with publication of AC 90-117

Rec #	Title	Description	Closure Action
180705	RF/TF Concurrent Operations Recommendation s	Goal is to allow operators without defined arc capability to fly a similar ground track using flyby fixes. The Nav WG was asked to identify pros and cons for each option and provide the SG with a map of the options for future discussion and recommendation. The Nav WG has identified viable options which can be used to put concurrent ops into effect when and where needed.	Proof of concept exercise with recommendations in case the concept was pursued. Concept not currently being pursued
180321	Reduce OEA width for A-RNP Operations (original rec) Note: amended recommendation (181108 PARC OEA Recommendation Amendment) remains open	Recommendations for an alignment of the design criteria for A-RNP and RNP AR OEA	Incorporated in FAA Order 8260.58A Chg 2