

AERONAUTICAL CHARTING MEETING
Instrument Procedures Group
Meeting 22-02 – October 24-25, 2022

RECOMMENDATION DOCUMENT

FAA Control # 22-02-370

Subject: 8260.3E Figure 2-7-2 Misleading

Background/Discussion:

8260.3E section 2-7-2 explains how circling NA areas are calculated, referring to the construction of the “splay.”

The text reads:

The OEA excludes the restricted area except the portion defined by a line originating at the LTP of each runway used to define the area splaying 10 degrees relative to RCL towards the restricted area. Discontinue the splay when it reaches 4500 feet in width from RCL extended (see Figure 2-7-2).

Figure 2-7-2. Simple Restricted Circling Area

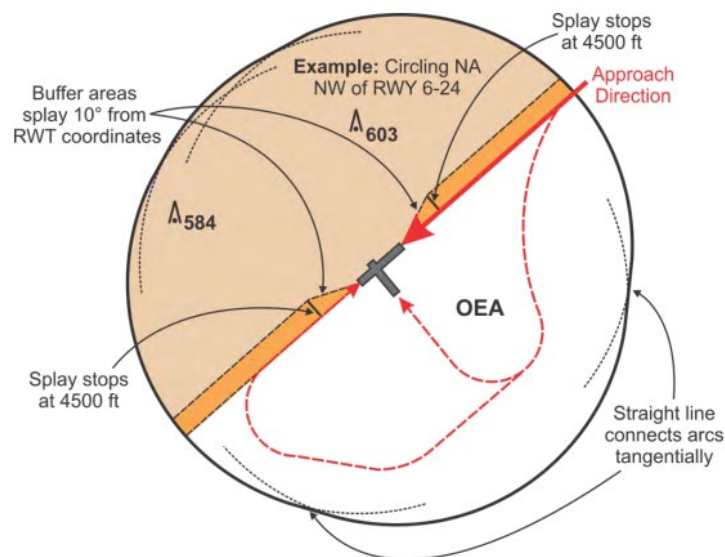
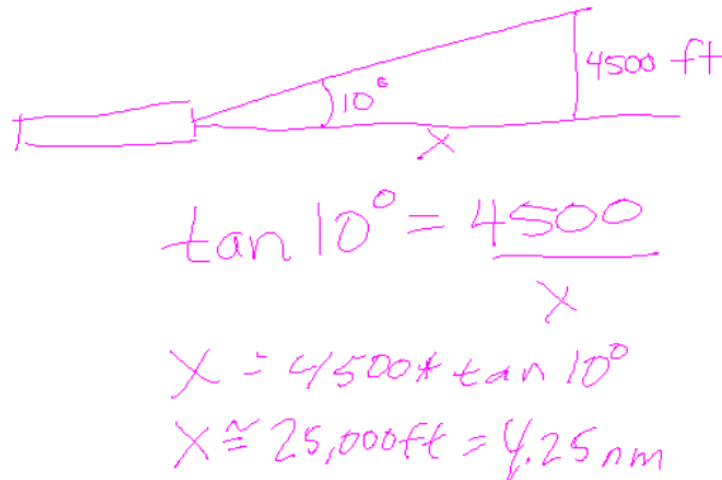


Figure 2-7-2 is at issue because it suggests the splay ends well within the circling area; however, applying the text-described formula leads to the splay stopping 4.25nm from the LTP,



Thus, the image in 2-7-2 is misleading because splay, all the way up to Category D below 7000ft MSL, extend to the edge of the circling area.

A cursory glance at figure 2-7-2 may lead one to assume the splay stops 4500ft away from the LTP.

Recommendations:

Updated 8260.3E with a diagram more representative of the splay geometry.

Comments:

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Initial Meeting 22-02: Dr. Bill Tuccio, Garmin, briefed the issue from the RD ([slide](#)). The main issue is not the accuracy of the textual information but that the figure seems to be an inaccurate representation of the splay geometry. Dan Wacker, FAA Flight Procedures and Airspace Group (FPAG), voiced that the text correctly explains the intent. He pointed out the diagram is to help

visualize the area, noting he was not aware of any problems caused by the diagram and does not see a concern. Dan said he will look at either fixing or deleting the figure and does not see a need to track this in the ACM. Dan added there are many figures that may need revision throughout the orders and requested they be sent to him as identified. Jeff said the issue will be reviewed by the ARRG.

Actions: This item will be reviewed by the ACM Recommendation Review Group to determine any action, and that outcome will be provided at ACM 23-01.

Status: Item open.
