

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

RECOMMENDATION DOCUMENT

FAA Control # 22-02-370

Subject: Order 8260.3E Figure 2-7-2 Misleading

Background/Discussion:

Order 8260.3E paragraph 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

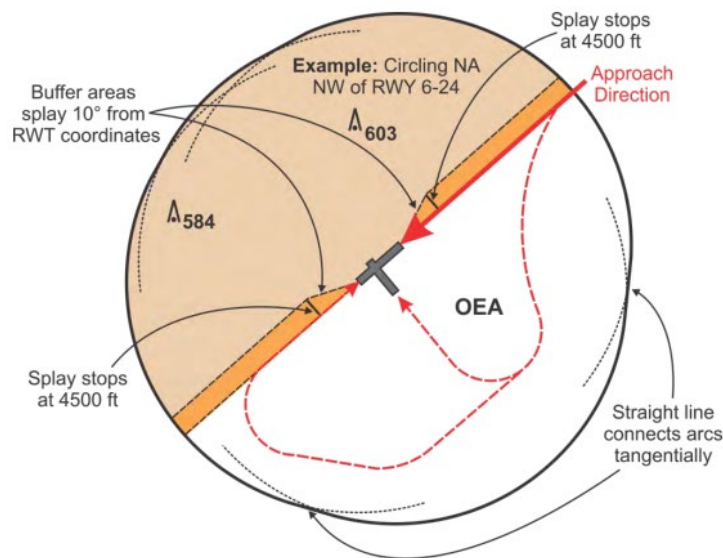
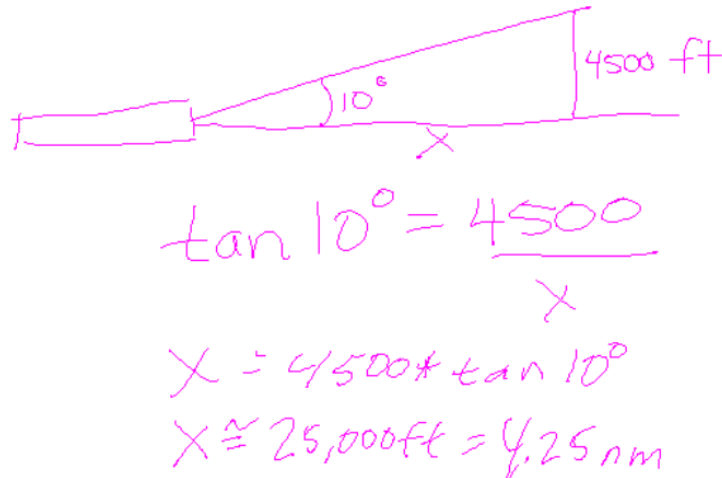


Figure 2-7-2 is an issue because it suggests the splay ends well within the circling area; however, applying the text-described formula leads to the splay stopping 4.25nm from the LTP,



Thus, the image in figure 2-7-2 is misleading because splays, all the way up to Category D below 7000 ft 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 4500 ft away from the LTP.

Recommendations:

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

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