

To Solve VOR Figure Problems (ch 9, Sec B)

Revised 5/17 - grw



4
Figure 29

Problems

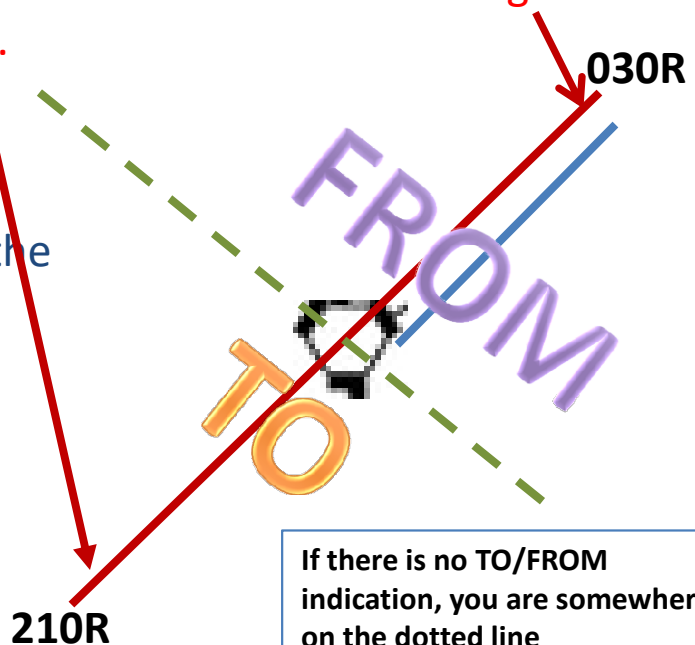
1. Determine your reference radial by referring to the top index of the display. **DRAW** a line from the VOR in the direction indicated at the top index, and extend the line through its reciprocal.

2. Draw a double line on the side of the VOR that is at the TOP of the VOR receiver.
3. Draw a dotted line perpendicular to the selected course.

4. Look at the **TO/FROM** indicator on the display – **shade in ½ the diagram** (*per instructions below*) using the **dotted line** as a separator

-- **FROM** indicates you are on the side of the radial dialed in (the double line)

-- **TO** indicates you are on the opposite side of the radial dialed in (the side of the single solid line)



5. Consider the airplane as a DOT: do NOT take into account a direction it is heading
 - plot where the airplane is
 - consider which way the aircraft would have to turn for the QUICKEST intercept of the dialed in course