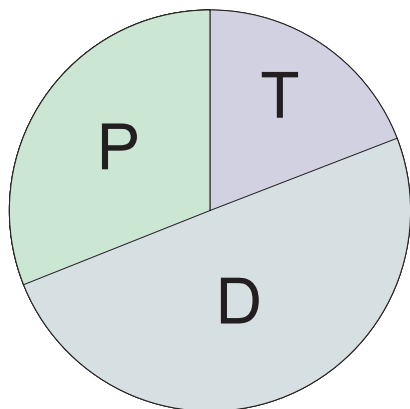
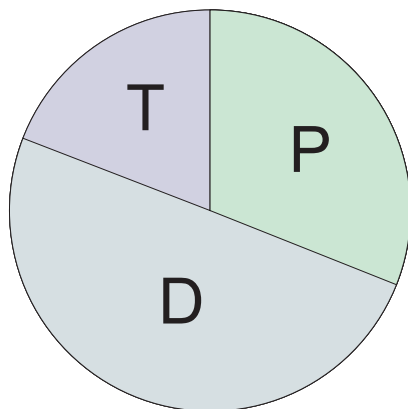


Right Turns



Left Turns



Right Turns *cross fix then:*

Direct: Turn right to name of radial

Parallel: Turn left to name of radial, 1 minute, then turn left to intercept inbound radial

Teardrop: Turn to name of radial minus 30 degrees

Left Turns *cross fix then:*

Direct: Turn left to name of radial

Parallel: Turn right to name of radial, 1 minute, then turn right to intercept inbound radial

Teardrop: Turn to name of radial plus 30 degrees

Time: Start timer

Turn: Know what direction and what heading to turn to when crossing fix

Twist: Place the name of the radial at the bottom of the VOR, or put the tail of the HSI on the radial

Throttle: Slow to holding pattern speed within 3 minutes of reaching fix

Talk: Report entering hold, time and altitude

Toggle: Select GPS or VLOC mode, and OBS mode if necessary

For Glass Cockpit Aircraft

- Proceed direct to fix in NAV mode.
- Set bearing needle to fix.
- Sync heading bug, AP in HDG mode
- HSI in OBS mode
- Twist HSI and place tail on radial
- If fix is a VOR, set BRG2 to VOR

Garmin 430 Aircraft

- Select direct-to fix in GPS, GPS mode
- Once established on course, use heading bug to continue towards fix
- Press OBS on GPS
- Place radial at bottom of OBS (Nav1)
- If VOR hold, tune & ID fix in Nav2

When to start timer:

Direct: on outbound leg

Parallel: when crossing fix

Teardrop: when crossing fix

On outbound leg, start timer when wings are level, or abeam fix, whichever happens last

Leg length

(1 min legs at 6000' density alt):

90 kts: 2 nm DME (XTK=1.1 nm)

100 kts: 2.25 DME (XTK=1.2 nm)

120 kts: 2.75 DME (XTK=1.5 nm)