

RADAR

Radio Detection and Ranging

12" Dish **8° Beam**

Phased Array Dish

50-70 miles accurate. Beyond that, it's not reliable.

Forced Standby: STAB 4 times within 5 secs. takes it out of Forced Standby.

Forced Standby upon landing by the Weight-On-Wheels Switch.

TILT ADJUSTMENT

- Push IN the Auto Knob so the Tilt Adjustment is in Manual.
- Set the display distance on the screen to a value that you can see the return at .001 value.

* example: FLYING AT FL240 adjust the return on the screen with the tilt knob so you see the ground return at 24 miles.

- Look at what the tilt value is.
- Adjust the tilt knob UP 4° (½ the radar beam width)

* example: if it's showing -3, set the tilt to +1.

This will put the beam horizontal from the flight path and pointing up 8° to show weather at and above the flight path.

Technique:

During Level Flight - Leave the tilt in manual. During Climb or Descent, pull the knob out so it's in the auto mode and will display the weather more accurately.

