

PERF	INSP

30. Using the **NEXT PARAM** and **PREV PARAM** soft keys on the IFR 6000, verify or select the following:
  - a) Verify **RF PORT**: set to **ANTENNA**.
  - b) Select **ANT RANGE**: set to distance from the IFR 6000 to the airplane bottom TCAS antenna.
  - c) Select **ANT HEIGHT**: set to height the IFR 6000 is below the airplane bottom TCAS antenna.
  - d) Verify **UUT ADDRESS**: set to **AUTO**.
  - e) Verify **ANT CABLE LOSS**: set to loss labeled on the coaxial cable connected to the IFR 6000.
  - f) Verify **ANT GAIN (dBi)** set to the **1.03 GHz**: and **1.09 GHz**: labeled on the IFR 6000 directional antenna.
  - g) Verify **SQUITTERS**: set to **ON**.
  - h) Verify **ALT REPORTING**: set to **ON**.
  - i) Verify **DISPLAYED ALT**: set to **ABSOLUTE**.
  - j) Verify **TEST SET AA**: set to **A92493**.
31. Press the **TCAS** mode select key on the IFR 6000 to display the **TCAS** test screen.
32. Using the **NEXT PARAM** and **PREV PARAM** soft keys on the IFR 6000, verify or select the following:
  - a) Select **SCENARIO**: set to **0-CUSTOM**.
  - b) Verify **TCAS TYPE**: set to **TCAS II**.
  - c) Verify **% REPLY**: set to **100**.
  - d) Select **INTRUDER TYPE**: set to **MODE S**.
  - e) Verify **RANGE START**: set to **8.00 nm**.
  - f) Verify **RANGE STOP**: set to **0.00 nm**.
  - g) Verify **RANGE RATE**: set to **300 kts**.
  - h) Select **ALT START**: set to **-100 ft**.
  - i) Select **ALT STOP**: set to **-100 ft**.
  - j) Verify **ALT RATE**: set to **0 fpm**.
  - k) Verify **CONVERGE**: set to **OFF**.
  - l) Verify **ALT DETECT**: set to **ON**.
  - m) If the IFR 6000 operator chooses to store the scenario, press the **STORE/RECALL** soft key.
  - n) Use the data select keys to highlight a storage location.
  - o) Press the **STORE** soft key to display the **SETUP-STORE NAME** screen.
  - p) Use the data select keys to highlight the desired characters of the name.
  - q) Press the **ENTER** soft key to store the named scenario.
33. On the TCAS/ATC Control Panel perform the following:
  - a) Place the **XPNDR** selector switch to the **1** position.
  - b) Place the **ALT SOURCE** selector switch to the **2** position.