(3) Make certain that clearance is available between units so that normal vibration does not cause the unit to strike adjacent equipment cases.

(4) Allow clearance behind the unit for installation of the cables and connectors.

(5) If an instrument hole that meets the installation requirements is not available, cut a 3 inch ATI hole per FIGURE 2-5 KNI 415/416 INSTALLATION DRAWING. The unit may be mounted in front of or behind the panel. Secure the unit with mounting ring provided and four (4) 1/2 inch long 6-32 instrument screws.

C. ANTENNAS

The KRA 405B Radar Altimeter System requires two antennas for a single system installation. Since the system is CW, one antenna is used to transmit the signal and the other is used to receive the reflected signal.

In order to meet the requirements of TSO C87/ETSO-2C87, the KRA 405B Radar Altimeter System must use TSO certified antennas with the characteristics listed in 1.3 TECHNICAL CHARACTERISTICS. Recommended antennas are listed in TABLE 2-1 TSO CERTIFIED ANTENNAS below:

MANUFACTURER PART NUMBER	HONEYWELL DESIGNATION	MANUFACTURER	FIGURE NUMBER
DMPN 3-3A	KA 54	Dorne and Margolin	2-8
DMPN 3-4A	KA 54	Dorne and Margolin	2-10
AD43013-1	KA 54	UB Corporation	2-9
01-34-04531	KA 54	Comant Industries	2-9
S67-2002	KA 54A (white or black	Sensor Systems Inc.	2-11
DMPN 19-2-1	KA 54A	Dorne and Margolin	2-11
S67-2002-4	KA 54	Sensor Systems Inc.	2-12

NOTE: Variances between the S67-2002 and S67-2002-4 are depicted in FIGURE 2-12 HONEYWELL GT 7003586 (SENSOR SYSTEMS TYPE S67-2002-4 ANTENNA). Refer to FIGURE 2-11 KA 54A ANTENNA for S67-2002-4 technical information.

TABLE 2-1 TSO CERTIFIED ANTENNAS