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KRA 405B RADAR ALTIMETER INSTALLATION MANUAL

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 Paragraph 1.3. Recommended antennas are listed in Table 2-1 below:

MANUFACTURER PART NUMBER	HONEYWELL DESIGNATION	MANUFACTURER	FIGURE NUMBER
DMPN 3-3A	KA 54	Dorne and Margolin	2-4
DMPN 3-4A	KA 54	Dorne and Margolin	2-6
AD43013-1	KA 54	UB Corporation	2-5
01-34-04531	KA 54	Comant Industries	2-5
S67-2002	KA 54A (white or black	Sensor Systems Inc.	2-7A
DMPN 19-2-1	KA 54A	Dorne and Margolin	2-7A
S67-2002-4	KA 54	Sensor Systems Inc.	2-7B

NOTE: Variances between the S67-2002 and S67-2002-4 are depicted in figure 2-7B. Refer to figure 2-7A for S67-2002-4 technical information.

Table 2-1 TSO CERTIFIED ANTENNAS

The UB Corporation, Sensor Systems, Dorne and Margolin (EDO) and Comant Industries antennas can be purchased directly from the respective manufacturers at the following addresses:

- (1) UB Corporation
9829 Wilsky Blvd.
Tampa, FL 33615
Telephone: 813-884-1463
- (2) Comant Industries, Inc.
12920 Park St.
Santa Fe Springs, CA 90670
Telephone: 562-946-6694
- (3) Sensor Systems, Inc.
8929 Fullbright Ave.
Chatsworth (LAX), CA 91311
Telephone: 818-341-5366