WAT

INSTALLATION PROCEDURES: The following information is to assist in the installation of a Whelen APU Fire Warning Horn.

1. Using approved connectors, wire the unit as shown (Fig.1). Tighten the hardware until a maximum torque value of 6 in./lbs. is achieved.

2. Install the unit using the mounting diagram shown (Fig.2). Insure that the wire leads are clear of any obstructions and ty-wrap as required.

3. Check all avionics systems for interference from the installation.

4. A flight check should be performed by a properly certified pilot.

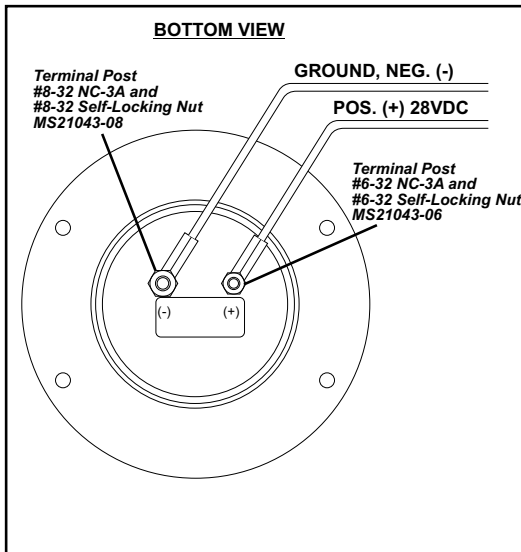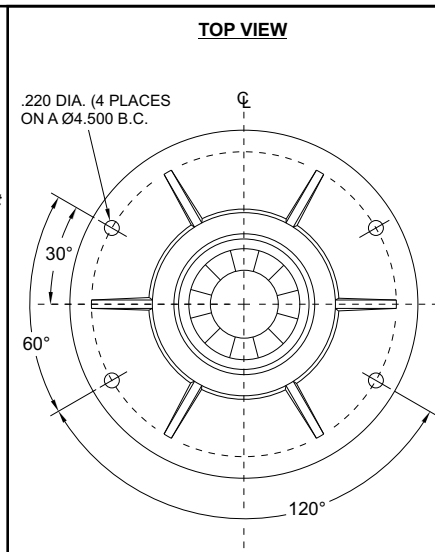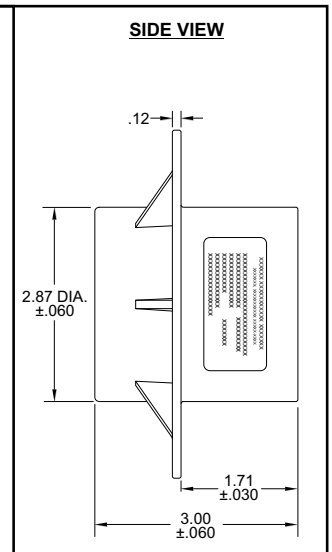5. If required, update aircraft records utilizing FAA Field Approval (Form 337) or equivalent.

Fig. 1

Fig. 2

Fig. 3

BOTTOM VIEW

Terminal Post #8-32 NC-3A and #8-32 Self-Locking Nut MS21043-08

GROUND, NEG. (-)

POS. (+) 28VDC

Terminal Post #6-32 NC-3A and #6-32 Self-Locking Nut MS21043-06

(-) (+)

TOP VIEW

.220 DIA. (4 PLACES ON A Ø4.500 B.C.

30°

60°

120°

SIDE VIEW

.12

2.87 DIA. ±.060

1.71 ±.030

3.00 ±.060

GENERAL NOTES

• **VOLTAGE - 28V NOM. (18VDC MIN TO 32VDC MAX.)**

• **CURRENT @ 28V - 55ma TYP. / 600ma MAX**

• **SOUND INTENSITY - The signal provides a sound intensity of 106dB (+10dB - 3dB) as indicated on a standard meter at a distance of 3 feet when operated at 28VDC under conditions encountered in a sound-proof room.**

• **FREQUENCY - 25-20,000 HZ**

• **WEIGHT - 1.25 lbs.**

Aviation