

## AN/ASN-43 Gyromagnetic Compass Set

Status: STD-A; NSN: 6605-00-069-8762

Reference: TB 43-0123  
TM 11-6605-202-12

### General Information

The AN/ASN-43 provides accurate heading information referenced to a free DG heading when operated in the DG mode (free gyro) or slaved to the Earth's magnetic field when operated in the MAG mode (magnetically slaved). It provides heading information in the form of a synchro output. The gyromagnetic compass set consists of an Induction Compass Transmitter T-611/ASN, Magnetic Flux Compensator CN-405/ASN, and Directional Gyro CN-998/ASN-43. It is usable in both fixed-wing and rotary-wing aircraft and will operate in any latitude, and at altitudes up to 21,336 m (70,000 ft).

### Technical Characteristics

#### T-611/ASN:

Power Input-----23.5 V AC, 400 Hz, 0.06 A  
Power Source-----Aircraft power system  
Output Signal-----800 Hz, 3-wire signal  
Weight-----0.6 kg (1.25 lb)

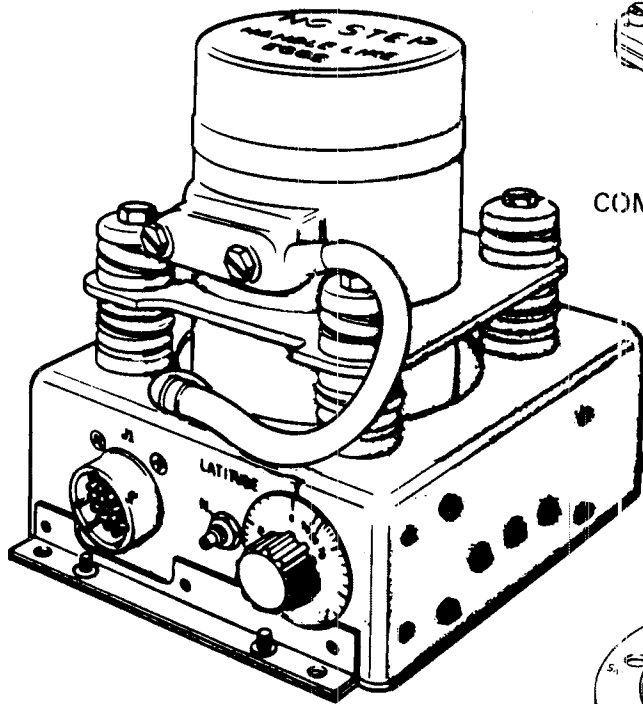
#### CN-405/ASN:

Power Input-----None required  
Weight-----0.1 kg (0.25 lb)

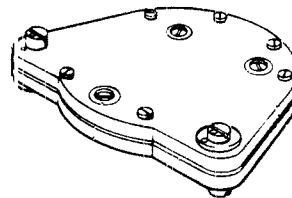
#### CN-998/ASN-43:

Power Input-----115 V AC, 400 Hz, 30 VA starting, 20 VA  
running  
Power Source-----Aircraft power system  
Weight-----CN-998, 2.5 kg (5.5 lb)  
CN-998A, 2.6 kg (5.8 lb)  
CN-998B, 2.7 kg (6.0 lb)

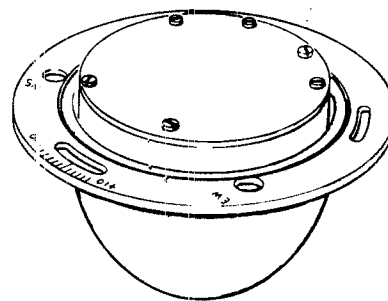
**AN/ASN-43  
Gyromagnetic Compass Set**



**GYRO, DIRECTIONAL  
CN-998/ASN-43**



**COMPENSATOR, MAGNETIC FLUX  
CN-405/ASN-43**



**TRANSMITTER, INDUCTION COMPASS  
T-611/ASN-43**