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End Application:

Beech 300 aircraft & cc144 challengertransport acft

Criticality Code Justification:

Supp

Functional Description:

The "flux valve" is a magnetic azimuth detector that senses the direction of the horizontal component of the earth's magnetic field relative to the longitudinal axis of the aircraft and converts info to an electrical signal which when applied to the gyro, maintains continuous alignment to the actual mag heading, resulting in drift-free heading reference, self-maintained to an accuracy of porm 2 degrees

Supplementary Features:

Located in a stable magnetic location on the aircraft such as a wing tip, vertical stablizer, or tail cone; attachedis a compensator that uses magnets to cancel the single-cycle error caused by magnetic disturbances

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

T261-h