

View Online at <https://aerobasegroup.com/nsn/6605-01-532-6515>

Overall Height:

11.000 inches

Overall Width:

8.500 inches

End Application:

Cn-1689

Special Features:

A) provides outputs of: acceleration, velocity, position, heading b) contains 3-ring laser gyros and 3 accelerometers in a strapdown configuration c) embedded global positioning system receiver (egr) (rf input) - gasr based. D) 1553/b multiplex bus compatible e) built in test incorporated f) 32 bit microprocessor g) multi-mode receiver that provides: instrument landing system (ils), very high omni bearing receiver (vor), marker beacon (mb)

Functional Description:

The p3i embedded gps/ins (egi)+ with multi mode receiver (mmr) unit is a self- contained all attitude navigation line replaceable unit providing outputs of acceleration, attitude (azimuth, pitch, roll), attitude rates, heading, position, velocity, associated time tag information, and universal time coordinated (utc) synchronized time via externally controlled mil-std-1553b dual multiplex data bus which receives data and transmits updated data based the requirements of the interfacing avionics systems. The mmr provides for a protected instrument landing system (p-ils), a very high omni bearing receiver (vor), and a marker beacon (mb) functionality. The egi+ w/mmr provides simultaneous inertial, blended and gps only position solutions. It incorporates a gasr based receiver.

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fig:

T261-a