

Minimum Cycle Slip Airborne Differential Carrier Phase GPS Antenna

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DESCRIPTION

This invention is an antenna system for an aircraft. An aircraft has an internal navigation system which provides attitude data relating to aircraft roll. A translation module receives the attitude data and outputs the data to a processor. A controller receives the drive signal provided by processor, to drive the antenna attached to the articulator is driven by controller in opposite direction to aircraft roll.

FEATURES AND BENEFITS

- The invention effectively maintains the GPS antenna.
- Prevents excessive wear and tear of articulator.

APPLICATIONS

- Positioning and Navigation
- Aerospace
- Aviation
- Communications

FOR MORE INFORMATION

If you are interested in more information or want to pursue transfer of this technology, GSC-14436-1, please contact:

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