

Stay on Course

Magnetic Variation (MagVar) Software Update A Safety Enhancement Exclusive to IS&S



Innovative Solutions & Support's (IS&S) Magnetic Variation (MagVar) software update ensures your fleet's inertial reference systems magnetic variation table is up to date with the Earth's natural change, avoiding operational limitation by allowing your aircraft to operate safely on precision approaches.



MagVar Upgrades available for:

- HG1050ACXX
- HG1050ADXX
- HG1050AEXX

In aviation, all air navigation is referenced to the Earth's magnetic north pole, which is constantly shifting. IS&S's MagVar solution updates your aircraft's magnetic variation table, ensuring that no conflict happens between onboard systems and published instrument procedures, avoiding hazardous magnetic-related navigation errors and operational limitations in challenging weather conditions.

To ensure accuracy and compliance, it is recommended that airline operators update their MagVar software at regular intervals. Specifically, updates should be conducted at least once every 10 years to account for changes in magnetic variation. Staying current with these updates helps maintain navigation precision and operational safety.

Update your MagVar software now to avoid facing operational restrictions in northern most and southern most airports in North America (Alaska/Canada), Northern Europe, South America and Australia/New Zealand.

Maintaining IRU/ADIRU MagVar is required to avoid aircraft operational restrictions on Auto-land / Auto rollout operations below Cat I ILS approaches.

A major consequence of an out-of-date magnetic variation table is on the lateral guidance during Auto-land (ILS Cat II and Cat III approaches) and automatic rollout.

**Guaranteed Eight (8) Day Turn Time Program Available.
For More Detail on Schedule Availability and Program Options,
Call +1 610.646.0340**