

# IS&S Magnetic Variation (MagVar) Software Update



For IRU Part Numbers

- HG1050AD09
- HG1050AD10
- HG1050AD11
- HG1050AD15

## Stay on Course with the IS&S MagVar Software Update

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.

The MagVar update is for IRU Part Numbers: **HG1050AD09, HG1050AD10, HG1050AD11, or HG1050AD15.**

In aviation, all air navigation is referenced to the earth's 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.

Update your MagVar software to avoid facing operational restrictions in northernmost and southernmost 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A major consequence of an out-of-date magnetic variation table is on the lateral guidance during Auto-land (ILS Cat II and Cat III approaches) and automatic rollout.