



LASEREF IV RETROFIT PROGRAM

Special Trade-in Pricing for Business Aircraft

The LASEREF® IV provides a lighter, simple unit replacement with higher reliability, standard communication bus digital outputs, and improved maintenance, which provides the lowest cost of ownership for inertial reference systems. Honeywell is offering special trade-in pricing to promote retrofit of LASEREF IV.

Trade-In; Trade Up

For each LASEREF IV ordered, receive a trade-in credit with the return of each LASEREF II and LASEREF III unit. Contact your preferred installer or Honeywell Area Sales Managers for details and fleet pricing. Don't delay; this incentive is only for a limited time!



Honeywell
THE POWER OF **CONNECTED**

- DAL:** Design Assurance Level A, the highest level of certification for software operation and validation; required for software which commands, controls and monitors safety-critical functions
- TSOs:** Technical Standard Order, issued by the FAA for materials, parts, processes and appliances used on civil aircraft
- HUD:** Head's Up Display
- SVS:** Synthetic Vision System
- RNP AR:** Required Navigation Performance with Authorized Required approach segments
- IRU:** Inertial Reference Unit
- GNSS:** Global Navigation Satellite System

The De-facto Industry Standard

The LASEREF series continues this innovative tradition, providing exceptionally long life with stable performance over the entire range of Aerospace environments, and was designed to safety critical Design Assurance Level A with applicable civil TSOs. The gyro compassing eliminates the need for magnetic sensors, and supports HUD, SVS and high bandwidth SATCOM installations. It also meets requirements for RNP AR with 100 percent availability, and the IRU serves as a GNSS-denied solution with complete on-aircraft autonomous navigation capability in the advent of GNSS interruption or jamming. The LASEREF IV can be installed as intermixable with the LASEREF II and LASEREF III to allow for both complete shipset or individual LRU replacement

FEATURES & BENEFITS

- Automatic re-align function for post flight alignments especially suited for quick turns
- Auto-calibration of the sensors to maintain optimal performance over time
- High latitude alignment up to 78.25 degree North latitude
- High latitude magnetic heading map
- Improved cost of maintenance with a modular design and assembly
- Interchangeable with LASEREF III
- Uses the industry standard GG1320 digital gyro
- Capable of being updated to latest magnetic variation tables to maintain IFR precision
- Interfaces with Honeywell's HG2021 GNSSU ARINC 743A receiver to provide optimal GPS/inertial hybrid computations
- 25 pounds lighter than LASEREF II
- 10 pounds lighter than LASEREF III
- 30 percent improvement in demonstrated reliability
- Provides ARINC 429 and aircraft standard communication bus digital outputs
- MTBF (Mean Time Between Failures) consistently exceeds 40,000 hours
- MTBUR (Mean Time Between Unscheduled Removals) more than 20,000 hours since service entry in 1997

Available Platforms	Available Platforms
DASSAULT	HAWKER
F900 EX	800
F900 C	800 XP
F900 A/B	1000
F2000	CESSNA
F2000 EX	Citation X
BOMBARDIER	
CL 600	
CL 601	
BD 700	

FIND OUT MORE

To learn more on the LEASEREF IV Retrofit Program, call +65.9679.3669 or email sales@vseaviation.sg



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