

LASEREF IV Retrofit Program

Special Trade-in Pricing for Business Aircraft

The LASEREF® IV replaces the aging LASEREF II and III, which will become obsolete at the end of 2019 and no longer supported through Honeywell. This configuration 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. To promote this retrofit, Honeywell is offering special trade-in pricing and availability through 2017.

The De-facto Industry Standard

Honeywell's LASEREF family has been the standard for the commercial aerospace market segment since the entry into service in 1997. 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.

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 for details and fleet pricing. Don't delay; this incentive is only for a limited time!



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.

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.

LASEREF® IV Retrofit Program Details

AVAILABLE PLATFORMS	
BOMBARDIER CL-600/601-3A/3R	CESSNA CITATION X
BOMBARDIER GLOBAL EXPRESS	DASSAULT F900A/B
BAE HAWKER 800, 800XP (BAE 125)	DASSAULT F900C/EX
BAE HAWKER 1000	

INSTALLATION DETAILS	
HAPP (HONEYWELL AVIONICS PROTECTION PLAN)	Available with contract incentives
COMBINE WITH INSPECTION	Saves on install and down time
MINIMAL DOWNTIME	Contact your preferred installation facility

HAPP (HONEYWELL AVIONICS PROTECTION PLAN)	
AVAILABLE	Contact your preferred installation facility for details and pricing

LINKS REGARDING EGPWS ON AEROSPACE.HONEYWELL.COM	
LASEREF IV INTERTIAL REFERENCE SYSTEMS WEBPAGE	LINK
LASEREF IV UPGRADE NEWS ANNOUNCEMENT	LINK
LASEREF WEBPAGE	LINK

DATES OF APPLICABILITY FOR EGPWS EXCHANGE PROGRAM	
01/01/2017 EXCHANGE PROGRAM BEGINS	
07/31/2017 EXCHANGE PROGRAM ENDS	

Important Notes

To participate in this program, contact your preferred installation facility or Honeywell Area Sales Manager for a complete price quote that includes trade-in details, discounts, parts and installation.

Need help? Use our Service Center Locator at www.myaerospace.com under support, dealer, and service locator.

The details and information and/or pricing on this NEXT Bulletin apply to orders received from 01/01/2017 through 07/31/2017 with scheduled delivery dates prior to or on 07/31/2017 unless otherwise agreed to by Honeywell in writing.