



Business & General Aviation Sales Bulletin

HSB 2025-61

ATTENTION HONEYWELL DEALERS

Laseref V to Laseref VI Exchange Program

Note: This Honeywell Sales Bulletin (HSB) provides special pricing for the exchange of the current installed Laseref V to Laseref VI Inertial Reference Units. This HSB is applicable to CL604/605 and G450/G550.

Index

Sec 1.0	Introduction
Sec 2.0	Product Description
Sec 3.0	Laseref VI Features
Sec 4.0	Product Configuration
Sec 5.0	STC Availability
Sec 6.0	Exchange Pricing
Sec 7.0	Exchange Ordering Instructions
Sec 8.0	Laseref V Return Details
Sec 9.0	MSP Avionics Service Plan
Sec 10.0	Terms and Conditions
Sec 11.0	Contact Information

Quick Reference Table

Effective Dates:	11/8/2024 through 12/31/2025
PO Received By:	12/31/2025

Revision History: (Since previous revision)

2025-61

1. No pricing change for 2025
2. Revised Section 8 removing over an above repair charge

2024-61 Rev D

1. Updated streamline pricing across the fleet
2. Updated aircraft applicability for C-130 civilian with CDS-R
3. Updated title to reflect all applicable Laseref V aircraft

2024-61 Rev C

4. Added language explaining LRVIs for G450/550 MUST be ordered through Gulfstream

2024-61 Rev B

3. Added verbiage in section 8 regarding unserviceable core returns

2024-61 Rev A

4. Added Gulfstream G450/G550 to aircraft approved for Laseref VI
5. Added flag note for APM information below Table 1A

2024-61

6. Original (modified from 2023-53 Rev A to cover only CL605 aircraft platforms)
7. Exchange/repair pricing set at \$100,000 per unit promotional price. No other Dealer discounts apply
8. Add bill in amount of \$100,000 per unit if units not returned within days specified

Laseref VI Retrofit Program

1. Introduction

The Laseref VI Micro-IRU is a sixth generation RLG based inertial reference unit (IRU), providing Honeywell's proven laser inertial technology in a small package. The Laseref VI Micro-IRU is a derivative product based on the Laseref V and 4 MCU inertial reference unit technologies and uses the same digital ring laser gyro (RLG) sensors, accelerometers, and sensor electronics.

The Laseref VI Micro IRS is Honeywell's latest laser gyro inertial navigation technology in the industry's smallest and lightest package. This new system has been designed to simplify crew workload while dramatically reducing installation time, weight, size, power, and cost. A sample of the fixed wing platforms in Business and General Aviation (B&GA) platforms that the Laseref VI Micro IRS has been selected and installed on are as follows:

- Gulfstream G280, G350, **G450**, G500, **G550** and G650- details for 450/550 noted in this HSB
 - Textron Hawker 4000, T-6B
 - Dassault Falcon 900EX Easy, 2000EX Easy, F7X, F8X
 - Embraer 170/175/190/195 and E2
 - Bombardier Challenger 350, 605, Global 6000, 7000, 8000
 - Bombardier C-Series, CRJ-100/200/700/900, Q400
 - Bombardier Challenger **604 and 605** – details noted in this HSB
 - Cessna Latitude, Longitude (Textron SB)
 - Civilian C-130 (CDS-R)
 - Pilatus PC-21, PC-7, and PC-9 Trainer
-
- Latest certification program: Nextant has certified (as of August 2, 2023) the LRVI Micro IRS and has a retrofit STC available for the Bombardier Challenger 605 to provide an upgrade to the latest IRS compatibility and performance.
 - Gulfstream has certified (as of November 2, 2023), the LRVI Micro IRS on Gulfstream G450/550 series aircraft.

The LRVI ends the looming obsolescence of the Laseref V. LRVI is also ready to support enhanced RNP-AR performance on the CL 605 with 100% availability of RNP 0.1 (vs 0.3 today) using advanced HIGH Step II algorithms. (The move to RNP 0.1 will also have to be supported by the Collins Aerospace avionics system.) The upgrade to LRVI Micro IRS is available for ProLine 21 cockpits on the CL 605 aircraft.

2. Product Description

The LR VI Micro IRU is a self-contained Inertial Reference Unit that provides long range navigation using high accuracy inertial sensors. Industry standard ARINC-429 outputs are provided for Flight Management Systems, Primary Displays, Head-Up Displays, Flight Control, antenna stabilization (Satcom, Weather Radar, Direct Broadcast Satellite), EGPWS, and other critical aircraft systems. Full inertial reference performance is provided for unaided RNP-10 and RNP-5 (time limited) without GPS inputs. When GPS inputs are applied, the IRU provides tightly coupled GPS/Inertial hybrid outputs to support enhanced operations such as RNP AR, initializes automatically, and performs alignment-in-motion. The Laseref VI Micro IRS is an Inertial Reference System (IRS) which outputs ARINC 429 inertial reference information for flight control and aircraft navigation.

3. Laseref VI Features

- | | Honeywell |
|------------------------|--|
| • Weight: | 9.3 lbs |
| • Size: | 267 cubic inches |
| • Dimensions: | 6.5" x 6.4" x 6.4 |
| • Power: | 20 watts |
| • Cooling | Passive |
| • Mounting Tray | 0.5 lbs |
| • MTBF | 25,000 hours |
| • Operation: | Automatic mode control and Align-In-Motion |
| • Maintenance: | 99% Build-in Test Coverage |
| • ARINC 429 Outputs: | 4 transmitters and 7 receivers |
| • Latest Mag Var model | 2010 – 2025 |

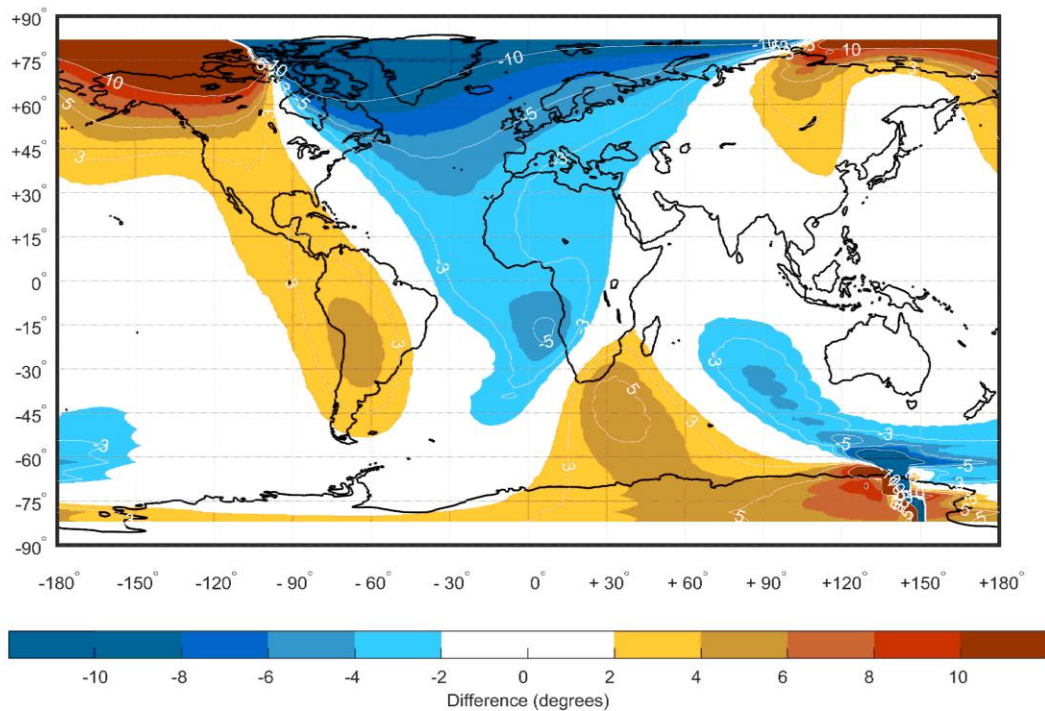


Figure 1. Difference between 2000 Magnetic Variation Tables (from WMM1995) and the WMM2020 model in 2025



4. Product Configuration

The Laseref VI Micro Inertial Reference System contains the following components:

- HG2100BB05 Micro IRU
- WG2001 Mounting Tray
- IM-950 Aircraft Personality Module

As part of this HSB exchange program only the IRU needs to be replaced. No other hardware needs to be returned. A new configuration will be required per the Nextant STC.

5. STC Availability

Table 1 – STC Availability

Model	STC Owner	STC No.*	Part Number	Completion Date	Fleet Size
Bombardier Challenger 605	Nextant Aerospace	FAA STC: ST04616CH EASA STC: TBD	HG2100BB05	August 2, 2023	~180
Gulfstream G450/G550	Gulfstream Aerospace	FAA STC: ST04349AT-D	HG2100BB05	November 2, 2023	~900

* STC is held by Nextant Aviation and is available to the Honeywell dealer channel for a Right-To-Use fee. STC RTU is shown below in the Pricing section. EASA validation will occur after the FAA STC is received. Please contact Honeywell or Nextant for the latest information.

Nextant contact info is as follows: POC: Randy Znamenak, Nextant Aerospace Sales
Phone #: 1-316-295-0248
Email: RZnamenak@NextantAerospace.com
Address: 18601 Cleveland Parkway
Cleveland, OH 44135

Nextant is planning on supporting external installations and upgrades mainly but will install when target opportunities arise.

There is a tray alignment tool that is typically procured through Honeywell but Nextant will support this ordering as a pass-through. A data port is used to configure the alignment of the IRU, customers would need to create an extension harness in order to test the alignment of the IRU post configuration.

For Bombardier aircraft, there is a specific set of APMs depending on the Serial Number of the aircraft in question. The associated APM P/N is based on Table 1A below.

Table 1A – APM P/N by Aircraft Variant



SELECT PROPER MEMORY MODULE CONFIGURATION FILE AS FOLLOWS:

AIRCRAFT	CONFIGURATION FILE 26019960-XXX	ADDITIONAL REQUIREMENTS
CL-600-2B16 (604 VARIANT) S/N: 5301 - 5665	-604	<ul style="list-style-type: none"> – PROLINE FUSION INSTALLED VIA STC ST04356CH. – IN FUSION APM OPTIONS STRAPPING MENU SELECT "LTN-101" AS IRS TYPE. – REPLACE EXISTING QTY 4 EA. IOC-4000 CARDS IN IAPS WITH IOC-4100 CARDS P/N: 822-1362-711
CL-600-2B16 (605 VARIANT) S/N: 5701 - 5988	-601	– NONE

37. ALL WIRING MODIFICATIONS IN THIS DRAWING APPLICABLE TO CHALLENGER 604 ONLY. CHALLENGER 605 LASEREF INSTALLATIONS ARE LRU REPLACEMENTS ONLY.

An Alternate Means of Compliance (AMOC) has been submitted and is awaiting approval as of the writing of this HSB.

6. Exchange Pricing

The Laseref V to Laseref VI exchange program will have special promotional pricing offered through Corporate Jet Support (CJS). Pricing for each exchanged unit is set at \$109,000.00 for all platforms. Please note CL605 aircraft will have either 2 or 3 Laseref Vs installed and ALL units on the aircraft must be upgraded at the same time. Mixing Laseref V & VI configurations is NOT permitted per the STC.

To order an Exchange Laseref VI for a Gulfstream G450/550 platform, please contact the local Gulfstream Aftermarket RSM or Gulfstream repair facility. Laseref VIs for Gulfstream platforms CANNOT be ordered directly from CJS.

The Channel Partner ordering the Exchange Laseref VI will receive a used serviceable Laseref VI unit(s). All removed Laseref V units must be returned CJS within 14 calendar days for domestic orders and 21 calendar days for international orders from time of PO submittal for exchange unit(s). Dealers not returning the unit(s) within this time frame specified are subject to additional billing of \$109,000 per unit.

NOTE- This HSB is specific to Bombardier CL604/605 with existing Laseref V, and Gulfstream G450/G550 aircraft.

Table 2 – Hardware Components and Special Pricing

Description	Part Number	2025 List Price (New)	2025 HSB Exchange Price (Per Unit)**	Qty*	2025 HSB Exchange Price (Extended - Dual)	Qty*	2025 HSB Exchange Price (Extended - Triple)
Laseref VI IRU (Exchange Pricing)	HG2100BB05	\$1,057,697	\$109,000.00	2	\$218,000.00	3	\$327,000.00
Configuration File	26019960-XXX	N/A	Included	1	Included	1	Included
STC Right-To-Use Fee	N/A	N/A	\$ 10,000	1	\$ 10,000	1	\$ 10,000

* Note (1) Some CL605s will need dual (qty 2) and some will need triple (qty 3) for IRU, tray and personality module. Please multiple by quantity 2 or 3 as appropriate to get **2024 HSB Price (Extended)** for the purchase order. In both cases, the Config File and STC RTU fee will remain quantity 1 (x1).

** Note (2) **2024 HSB Price** is provided by CJS (except in the case of a Gulfstream platform which must be ordered through Gulfstream) and is available to all Honeywell authorized dealers regardless of category - Installer, Standard or Premier, No other discounts apply

7. Exchange Ordering Information

To order an exchange Laseref VI for all **non-Gulfstream** aircraft, please submit a Purchase Order (PO) for the number of units required to Corporate Jet Support at the following location:

CJS Contact Information- Sales
 Email: cjssales@corpjetsupport.com
 Phone: 201-807-0784,
 Address: 100 North Street, Teterboro, NJ 07608

NOTE: Please reference Honeywell Sales bulletin HSB **2025-61** on your purchase order.

To order an Exchange Laseref VI for Gulfstream G450/550 platform, please contact the local Gulfstream Aftermarket RSM or Gulfstream repair facility. Laseref VIs for these platforms CANNOT be ordered directly from CJS.

Lead time will typically be same day shipment. Note this can be adversely impacted if Dealers are not returning Laseref V units in a timely manner. It is suggested that the Dealer contact CJS to confirm current availability.

8. Laseref V Return Details

Removed Laseref V core units for non-Gulfstream aircraft are to be returned to CJS at the address listed in Section 7. Removed core units from Gulfstream will have to be returned to Gulfstream. Please note that core units will be upgraded in accordance with Honeywell Service Bulletin (Publication D201103000001).

9. MSP Avionics

The Honeywell Maintenance Service Plan (MSP Avionics) is a service that offers coverage for your Honeywell Avionics. Choose the plan that best meets your needs. Specially priced plans are also available for fleet operators. Take the uncertainty out of repair and maintenance costs. A fixed-price MSP Avionics contract guarantees that your repair bills will not exceed your budget. For more information about MSP, please contact Honeywell at MSPAvionicsSales@Honeywell.com

10. Terms and Conditions

The pricing in this sales bulletin applies to orders received from November 8, 2024 to December 31, 2025 (or until revised) with delivery dates in accordance with the published lead-time, unless otherwise agreed to in writing by Honeywell.

Applicable pricing is as identified which is either the provided Honeywell sales bulletin (HSB) price, or the applicable authorized dealer discount off the list price, but not both. No other, or additional, discounts apply. Dealer discounts do not apply to Technical Publications. Pricing does not include labor or installation.



All other authorized dealer General Terms Agreement and Supplemental Agreement for Dealership Authorization terms and conditions apply.

Honeywell reserves the right to rescind or revise this sales bulletin at any time, or through future sales bulletins.

11. Contact Information

Honeywell Authorized Service Centers are encouraged to contact their local Honeywell Area Sales Manager or Honeywell Customer Business Manager/Director if you have any questions regarding this Bulletin or if you need assistance.

Technical Assistance

US & Canada: 1-800-601-3099

All other countries: 1-602-365-6500

Aerospace Portal Technical Request Webform : [Aerotech Support Webform](#)

Document Owner:

<hr/>		Honeywell
Steven Gomez	Honeywell Aerospace	
Senior Manager, Technical Sales	21111 N. 19 th Ave Phoenix, AZ 85027-2708 Steven.gomez@honeywell.com	