

GARMIN G1000 GIA 63W INTEGRATED AVIONICS UNIT - ADJUSTMENT/TEST**1. General**

- A. This section contains adjustment and test procedures for the two Garmin G100 GIA 63W Integrated Avionics Units, GIA 63W No.1 and GIA 63W No.2.

2. Tools and Equipment

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NOTE: For the supplier publication part number and manufacturer data, refer to the Introduction - Supplier Publication List.

- (1) Tools and Equipment
 - None.
- (2) Special Consumables
 - None.
- (3) Reference Material
 - Chapter 22, Garmin GFC 700 Automatic Flight Control System - Adjustment/Test
 - Chapter 23, Garmin G1000 VHF Communication System - Adjustment/Test
 - Garmin GTX 33 Transponder System - Adjustment/Test
 - Garmin G1000 VHF Navigation System - Adjustment/Test
 - Garmin G1000 Global Positioning System - Adjustment/Test
 - Bendix/King KN 63 DME System - Adjustment/Test
 - Bendix/King KR 87 ADF System - Adjustment/Test
 - Garmin G1000 Integrated Avionics System - Adjustment Test.

3. Garmin GIA 63W Integrated Avionics Unit Operational Check

- A. If one of the two Garmin GIA 63W Integrated Avionics Units has been replaced or reinstalled in a different position, do the steps that follow:

- (1) Do the G1000 Baseline Software/Configuration Load. Refer to the Garmin G1000 Integrated Avionics System - Adjustment Test.

NOTE: If the GIA 63W Integrated Avionics Unit has been removed and installed in the same position, there is no need to do the Garmin G1000 Line Replaceable Unit (LRU) Software Configuration/Installation.

- (2) Do the G1000 Architecture Verification Check. Refer to the Garmin G1000 Integrated Avionics System - Adjustment Test.
- (3) Do a check of the Garmin GFC 700 Automatic Flight Control System. Refer to Chapter 22, Garmin GFC 700 Automatic Flight Control System - Adjustment/Test.
- (4) Do a check of the Garmin VHF Communication System. Refer to Chapter 23, Garmin G1000 VHF Communication System - Adjustment/Test.
- (5) Do the Garmin G1000 VHF Navigation System - Adjustment/Test.
- (6) Do the Garmin G1000 Global Positioning System - Adjustment/Test.
- (7) If the GIA 63W No. 2 was replaced do the checks that follow:
 - (a) Bendix/King KN 63 DME System - Adjustment/Test.
 - (b) Bendix/King KR 87 ADF System - Adjustment/Test.