


# GARMIN<sup>®</sup>

## FAA UNIT SERVICE REPORT

<b>RMA NUMBER</b>	<b>UNIT NAME</b>	<b>SERIAL NUMBER</b>	<b>UNIT NUMBER</b>
87018975	GNS430W,Blk,Upgd	97109368	011-01060-40
<b>SERVICE START DATE</b>	<b>SERVICE COMPLETION DATE</b>	<b>RETURNED TO SERVICE BY</b>	<b>Service Request Number</b>
4/27/2016	4/29/2016	7490	

**UNIT DISCREPANCY**

The screen's anti-glare is worn off. This makes it very hard to read in direct sunlight. Request a new screen. Most buttons need to be pressed very hard for an input to register. Some buttons do not work (VOR swap). Also, some of the labels on the buttons have worn significantly due to the excessive pressure to press the buttons. Request a new faceplate with all new buttons. Could the faceplate also be updated to show the unit is a 430W? Software is out of date. Request the software be updated to the latest version.

Please replace the internal battery. As far as I know it is original. Request the internal battery be replaced. On a couple of occasions the COM functionality of the unit has stopped working. It doesn't receive any transmissions, nor does it transmit. The fix for this has always been to power-cycle the unit. Request the COM Board be replaced. The internal cooling fan seems to get louder and louder. When it initially starts up, it almost sounds like the bearing is failing. Request the fan be replaced.

**REPAIR SUMMARY**

Unit meets operational performance specifications. Repaired CDU, updated software to the latest version, replaced memory battery and fan to correct screen issue, button issue, software issue, memory battery issue, and fan issue. Confirmed all applicable hardware modifications are installed. Aligned unit for optimum performance. Master cleared unit. Unit passes all tests and is operating within normal limits. Unit acquired satellites. OK to return to Service.

The Main and GPS Softwares are at the latest revision. This unit complies with these Service Bulletins 1317, 1606. It is the responsibility of the Installer to verify that the installation complies with the previous listed Service Bulletins. The following Mod's were installed into this unit under its previous configuration prior to it being upgraded and configuration changed to part number 011-01060-40.

- This unit complies with MOD 1 per Garmin's Service Bulletin No. 0019.
- This unit complies with MOD 2 per Garmin's Service Bulletin No. 0101.
- This unit complies with MOD 3 per Garmin's Service Bulletin No. 0203B.
- This unit complies with MOD 4 per Garmin's Service Bulletin No. 0207.
- This unit complies with MOD 5 per Garmin's Service Bulletin No. 0211.

The work that was performed on this unit was done to meet the requirements of all sections of the maintenance manual part number 190-00364-00 Rev- AN, Revision Date 4/6/2016.

Thank You for Choosing Garmin! If you have any questions or concerns please do not hesitate to contact our customer service department at 1-800-800-1020. Please view Garmin's web site at [www.garmin.com](http://www.garmin.com) for any update or product information.

Warranty Information

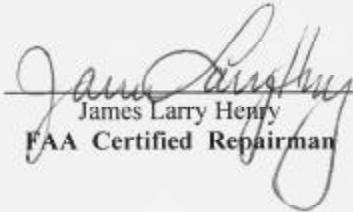
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## FAA UNIT SERVICE REPORT

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87018975	GNS430W,Blk,Upgd	97109368	011-01060-40

### FAA Approved Product

This appliance has been repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. The details of the repairs to this appliance are on file at this repair station under the above listed RMA Number

  
James Larry Henry  
FAA Certified Repairman

4/29/2016

Date

3793446

Certificate Number

FAA Repair Station Number

G6XR582Y

Warranty Information

2. Approving Civil Aviation Authority/Country:  
 FAA/UNITED STATES

3. Form Tracking Number:

# AUTHORIZED RELEASE CERTIFICATE

## FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

RMA 87018975

Organization Name and Address:

GARMIN International 1200 E 151st Olathe, KS 66062 Certificate No. G6XR582Y

5. Work Order/Contract/Invoice Number:

RMA 87018975

7. Description:

GNS430W/Blk Upgd

8. Part Number:

011-01060-40

9. Quantity:

1

10. Serial Number:

97109368

11. Status/Work:

REPAIRED

2. REMARKS: Unit meets operational performance specifications. Repaired CDU, updated software to the latest version, replaced memory battery and fan to correct screen issue, software issue, memory battery issue, and fan issue. Confirmed all applicable hardware modifications are installed. Aligned unit for optimum performance. Master cleared unit. Unit passes all tests and is operating within normal limits. Unit acquired satellites. OK to return to Service.

3. Main and GPS Softwares are at the latest revision. This unit complies with these Service Bulletins 1317, 1606. It is the responsibility of the installer to verify that the installation complies with the previous listed Service Bulletins. The following Mod's were installed into this unit under its previous configuration prior to it being upgraded and configuration changed to part number 011-01060-40.

- his unit complies with MOD 1 per Garmin's Service Bulletin No. 0019
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- his unit complies with MOD 4 per Garmin's Service Bulletin No. 0207
- his unit complies with MOD 5 per Garmin's Service Bulletin No. 0211

4. The work that was performed on this unit was done to meet the requirements of all sections of the maintenance manual part number 190-00364-00 Rev. AN, Revision Date 4/6/2016.

5. Thank You for Choosing Garmin! If you have any questions or concerns please do not hesitate to contact our customer service department at 1-800-800-1020. Please view Garmin's web site at [www.garmin.com](http://www.garmin.com) for any update or product information.

1. Certifies the items identified above were manufactured in conformity to:

- Approved design data and are in condition for safe operation
- Non-approved design data specified in block 12

14a.  14 CFR 43.9 Return to Service

Other regulations specified in Block 12

Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13c. Authorized Signature

N / A

14b. Authorized Signature:



14c. Approval/Certificate No.:

G6XR582Y

13e. Name (Typed or Printed)

N / A

14d. Name (Typed or Printed)

James Larry Henry

14e. Date (dd/mm/yyyy)

29 Apr 2016

### User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations with the national authority of the country specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the Airworthiness Authority of the country specified in block 1.

Statements in Block 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.