

# SERVICE BULLETIN

## Airspeed markings

### SB BW 6XXXX 01

#### MANDATORY

#### 1 Planning information

The lower end of the green and white arc for the airspeed indicator needs to be changed.

##### 1.1 Effectivity

This service bulletin is applicable to all BLACKWING BW 6-series aircrafts. This change of airspeed marking is mandatory on the next 50 hours inspection of the aircraft.

##### 1.2 Concurrent requirement

N/A

##### 1.3 Reason

Not 10% safety margin to stall speed on airspeed markings.

##### 1.4 Description (Subject)

This service bulletin describes how to inspect the airspeed indicator.

##### 1.5 Compliance

**Mandatory.**

##### 1.6 Manpower and time consumption

With the correct tools for inspection, the inspection can be completed within 1 minute.

##### 1.7 Weight and balance

Not affected.

##### 1.8 Electrical load

Not affected.

##### 1.9 Software modifications

Change green arc lower marking as in POH =54 kts (1.1\*49 kts)

Change white arc lower marking as in POH =42 kts (1.1\*38 kts)

## 1.10 References

### Appendix A

## 1.11 Other publications affected

None affected. POH is correct.

### 1.11.1 Control flight

Not needed.

## 1.12 Contact information

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## 2 Appendix A, Correcting Airspeed Indicator Markings

### 2.1 Garmin Reference Speed Configuration

Press and hold [MENU] button when powering on the Garmin G3X to enter Configuration Mode.



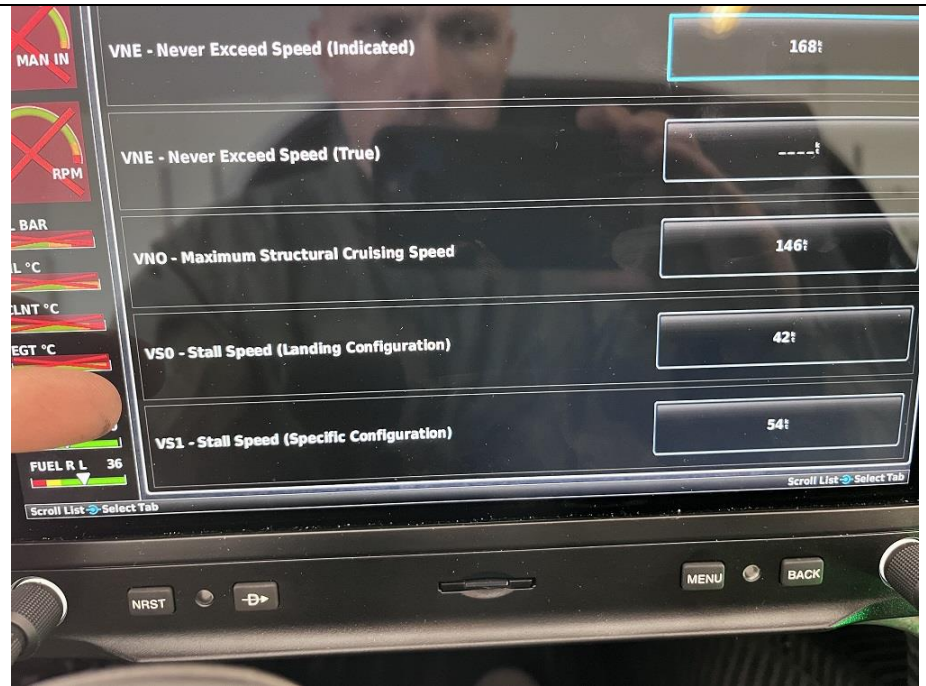
In Configuration Mode, select [Aircraft].



In Aircraft Configuration select the tab [Reference Speeds].



Scroll down to VS0 – Stall Speed and VS1 -Stall Speed. Press on the airspeed you want to change.



Input the new value and press [Enter].



When airspeeds are updated, press [BACK] button until you arrive at Configuration Mode menu. Scroll down to the bottom and press [Save & Reboot].



In the pop-up menu select [Yes] and allow system to reboot before turning off power.



## 2.2 Correcting Analogue Airspeed Indicator Markings

Insert the tool into the grooves in the retaining ring and turn counterclockwise to remove the retaining ring. Then remove the glass with suction cup or similar.



Adjust the markings with a black marker or similar so that the white arc begins at 42 Kts and the green arc begins at 54 Kts.

Then insert the glass and carefully align the retaining ring before screwing it tight.

