



TMU-O

TEKNISKT MEDDELANDE ULTRALÄTTA FLYGPLAN OBLIGATORISKA ÅTGÄRDER

TMU-O 58

2023-07-17

Sida 1 av 2

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

GÄLLER: Blackwing BW 600FG, 600RG, 635FG and 635RG.

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

ÅTGÄRD: Följ service bulletin SB BW 6xxxx 01. /Bifogas.

TID FÖR ÅTGÄRD: MANDATORY

BEHÖRIGHET: Inspektionen/Modifisering kan utföras med pilot/ägare behörighet eller av person med tillräcklig kompetens för arbetet.

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

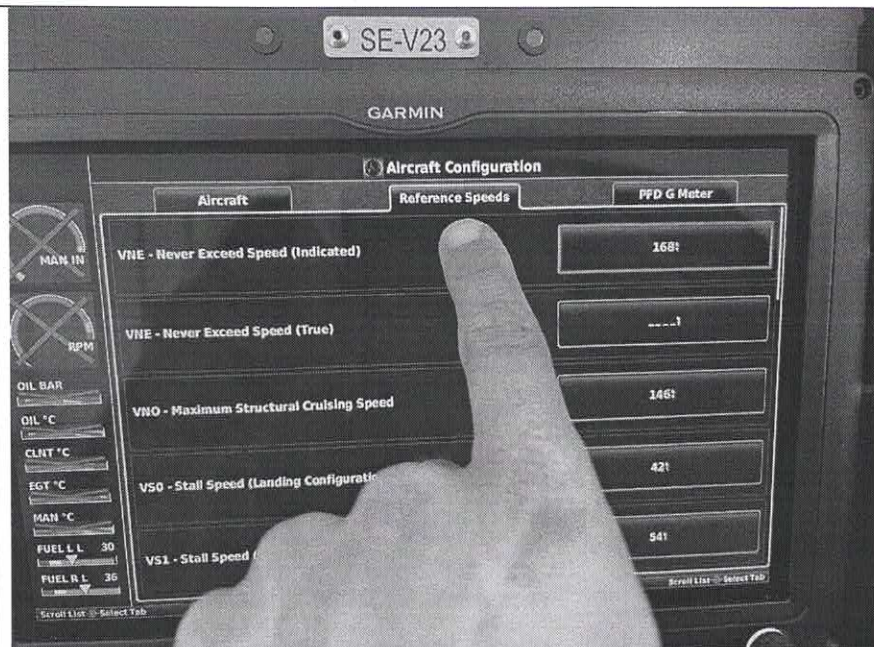
Press and hold [MENU] button when powering on the Garmin G3X to enter Configuration Mode.



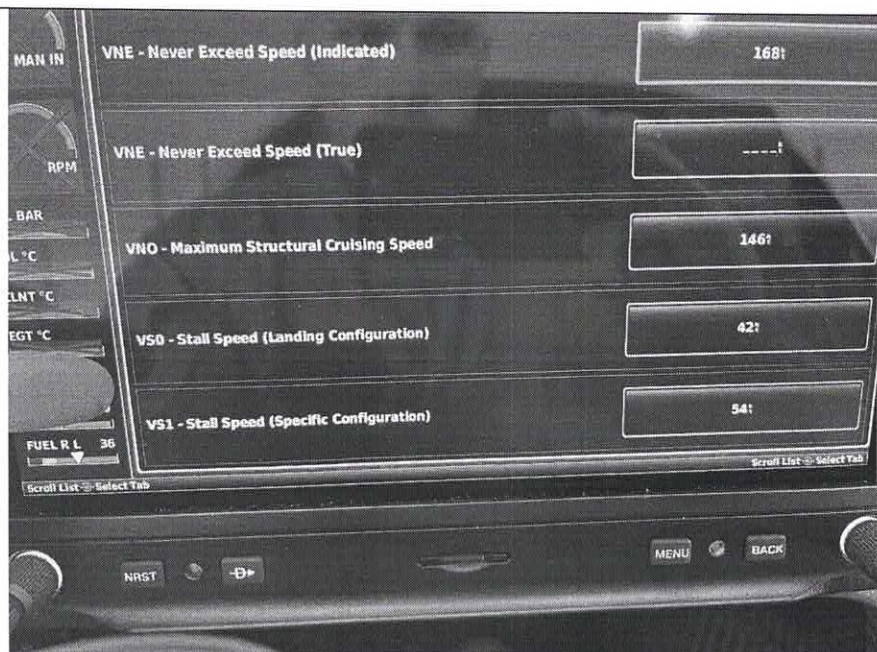
In Configuration Mode, select [Aircraft].



In Aircraft Configuration select the tab [Reference Speeds].



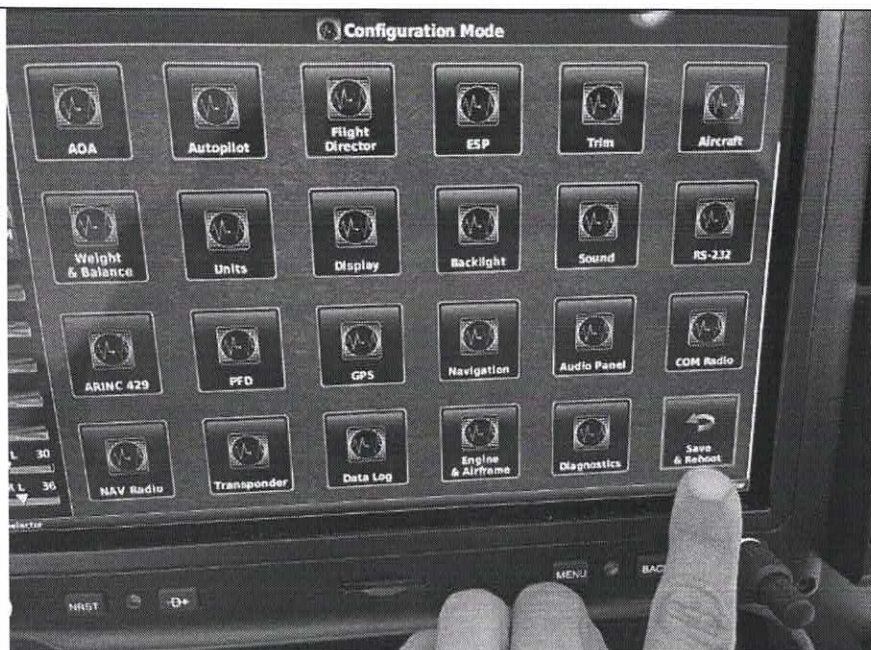
Scroll down to
VS0 – Stall Speed
and
VS1 -Stall Speed.
Press on the
airspeed you want
to change.



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.

