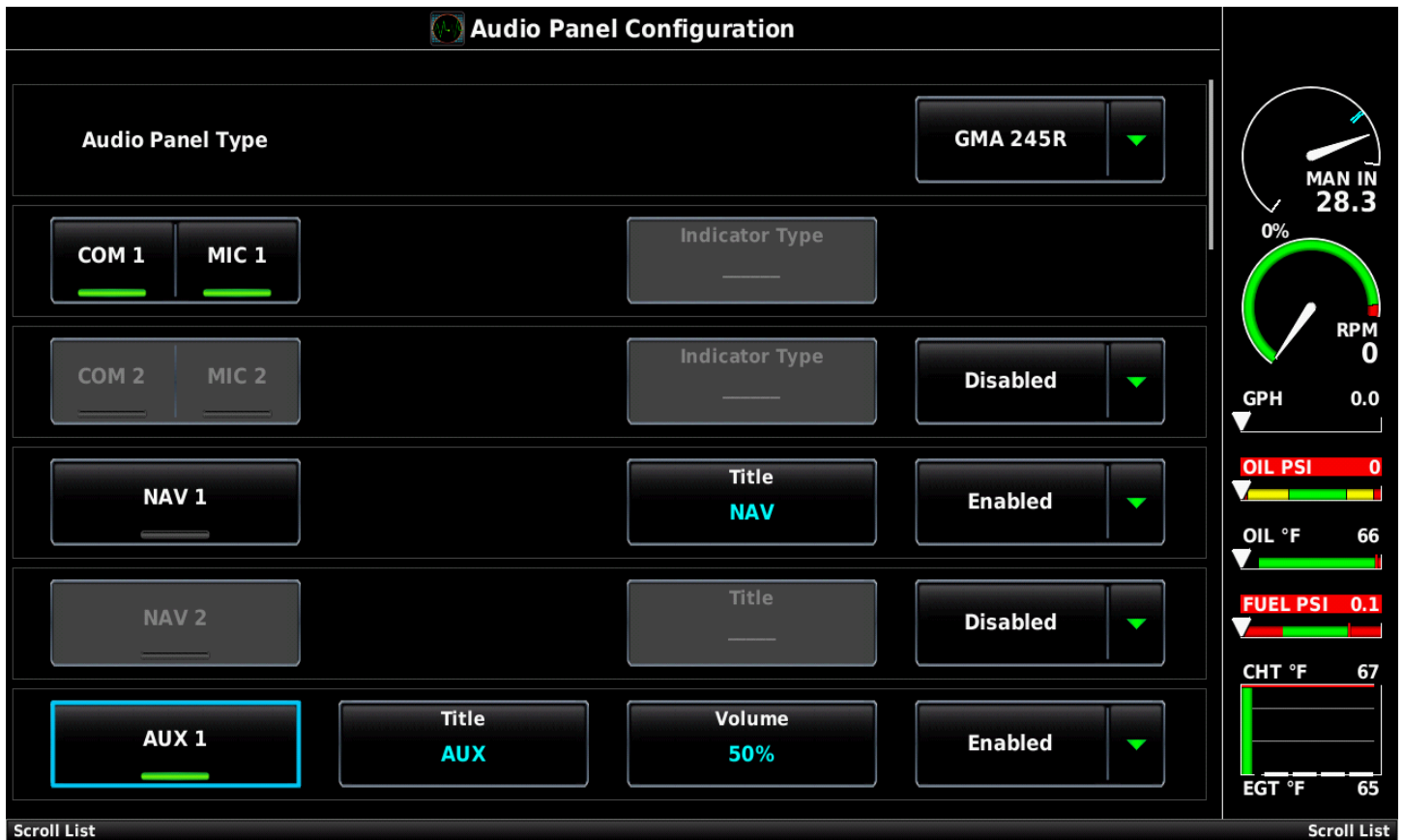|	
EFFECTIVE DATE:	This Service Instruction is effective **_October 17, 2025_**
SUBJECT:	*AUDIO PANEL UNMUTED INPUT*
MODELS AFFECTED:	*CCK-1865, CCX-1865, CCK-2000 AND CCX-2000, WITH GMA 245R AUDIO PANEL.*
COMPLIANCE TIME:	*This change or verification is optional to stabilize operational reliability for audio alerts.*
DESCRIPTION:	*When the GMA 245R audio panel was introduced, the AUX audio from the VFR radio was connected to the AUX audio input of the Audio Panel, similar to prior designs. Prior to G3X touch software version 9.22, when the AUX audio was selected, it remained selected throughout power cycles. As of G3X software release 9.22, there is an intermittent behavior that the AUX audio may deselect during an electrical power cycle. To improve stability of supporting audio to visual alerts the source may be moved to an unmuted input to the audio panel.*
PURPOSE:	*To move audio output from the G3X touch display to an unmuted input on the GMA 245R remote audio panel.*
WARRANTY:	*This change is optional, and is not considered a warranty item.*
PARTS LIST :	*No parts are consumed for this instruction.*

INSTRUCTIONS:

1. Read all instructions before beginning any work.

2. Boot G3X touch into configuration mode by holding MENU button during boot process.

   a. MENU button may be released when CONFIGURATION MODE is displayed on the screen shown in Figure 1

Figure 1: Configuration Mode Menu

3. Turn on Avionics master switch to bring the audio panel online.

4. Select Audio Panel and enable AUX 1 as shown in Figure 2

Figure 2: Audio Panel Configuration Menu

5. Back button to Main Menu

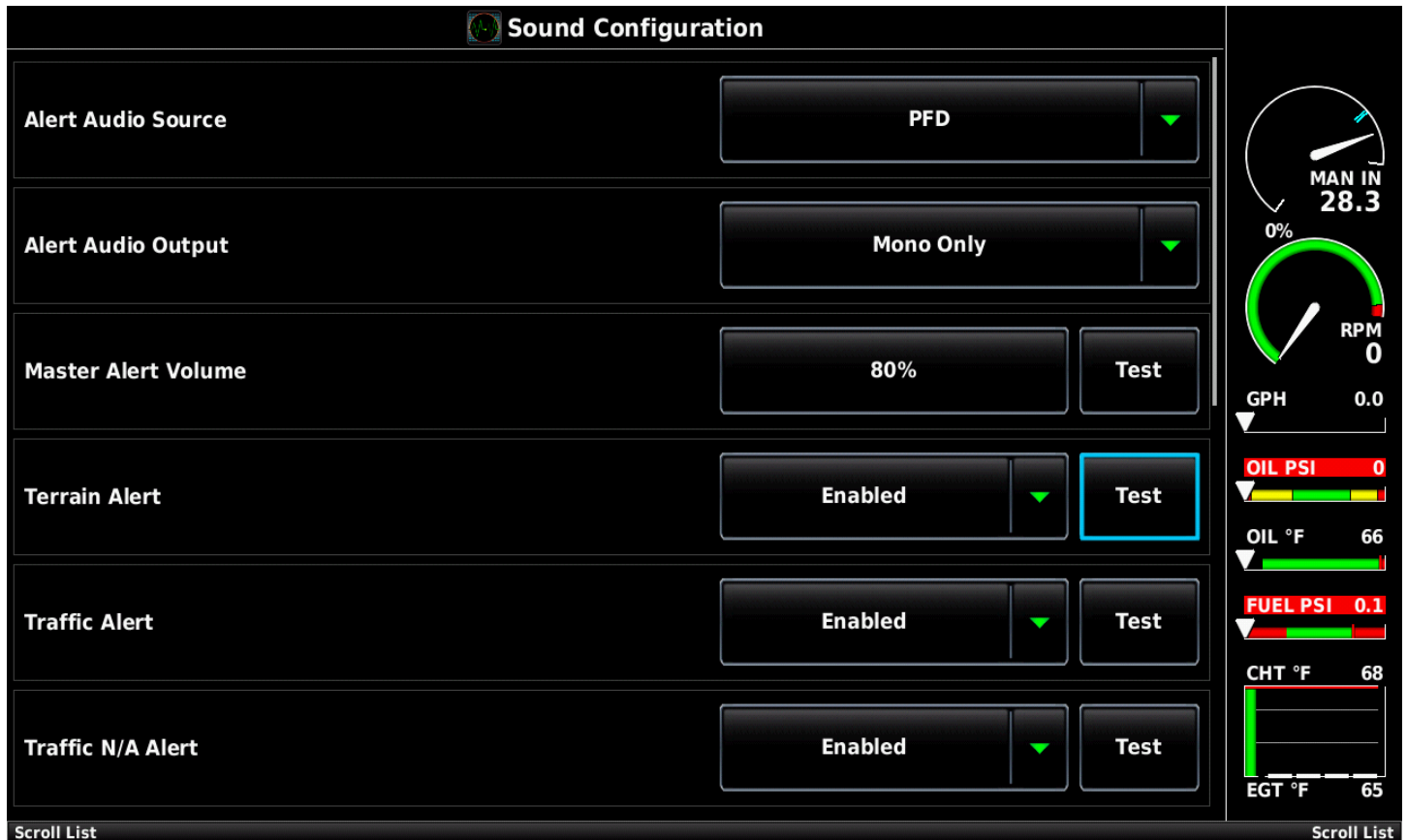6. Select Sound and press one of the TEST buttons shown in Figure 3

Figure 3: Sound Configuration Menu

7. Audio is heard through headset.

8. Back button to Main Menu

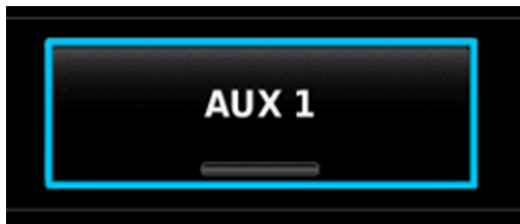9. Select Audio Panel and deselect AUX 1 as shown in Figure 4

Figure 4: AUX 1 deselected

10. Back button to Main Menu

11. Select Sound and press TEST

12. If test audio is heard, this Service Instruction is not relevant. The instruction has already been accomplished or the change was already incorporated by some other means.

   a. Back button to Main Menu

   b. Turn off power

   c. No further actions

13. If test audio is not heard,

   a. Back button to Main Menu

14. Ensure all aircraft power is turned off

15. Gain access to GMA 245R wire harness plug P2401, refer to Figure 5 and Figure 6

   a. GMA 245R may be mounted above the forward cargo area.

   b. IF: audio was **not** heard in Step 11

   c. AND: ALERT 1 is already in use by some other unit (refer to Steps 16 and 17)

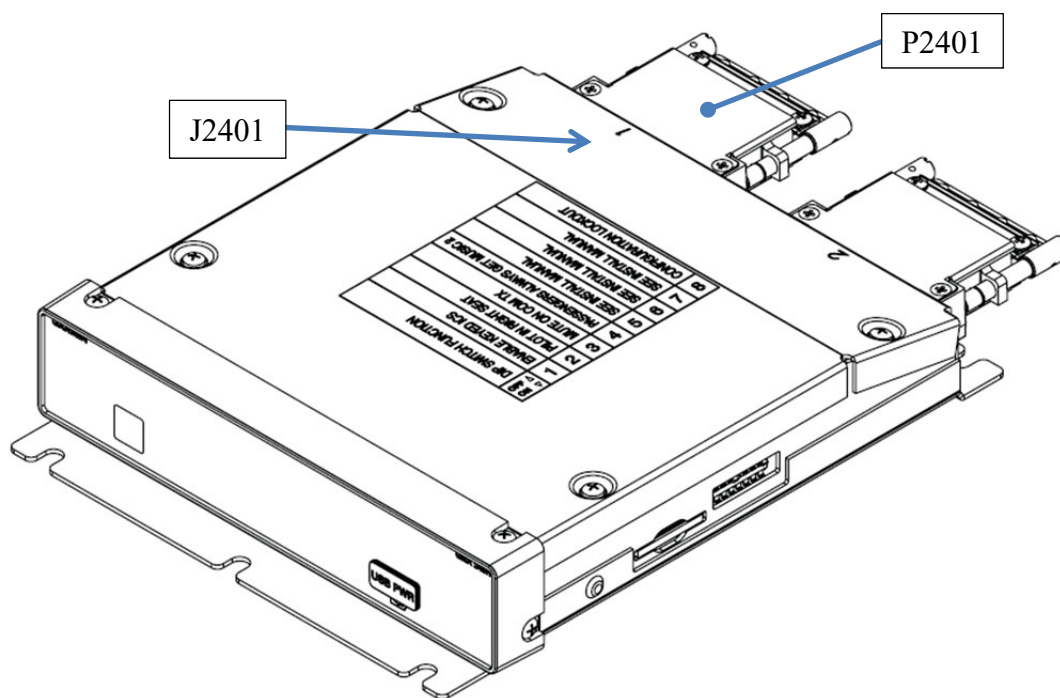   **d.** THEN: ALERT 2 can be utilized on plug P2402 (Steps 16.a and 17.a)

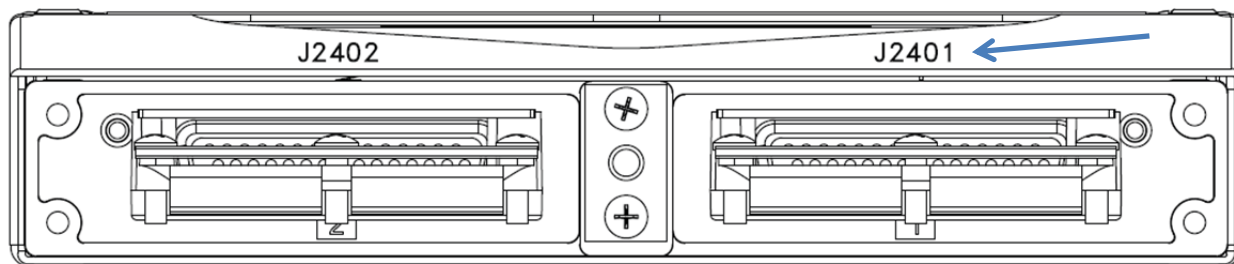**Figure 5: ISO View of Audio Panel and Connectors**
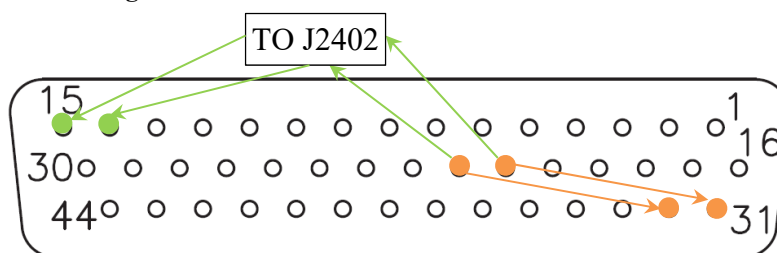
Figure 6: Rear View of Audio Panel and Connectors

Figure 7: Rear Connectors J2401 & 2402, Viewed from Back of Unit

16. Refer to Figure 7, move pin from P2401 position 21 to 31 (orange).

   a. If position 31 is already occupied, move to **P2402** position 15 (green).

17. Refer to Figure 7, move pin from P2401 position 22 to 32 (orange).

   a. If position 32 is already occupied, move to **P2402** position 14 (green).

18. Close up and reconnect P2401, and if used, P2402.

19. Perform Step 2.

20. Accomplish Steps 9 through 11 to ensure audio is audible.

   a. Emphasizing step 9, AUX 1 audio remains de-selected.

21. Make logbook entry stating that SK-SI009 Rev NC audio reconfiguration was accomplished.

If you are no longer in possession of this aircraft, please forward this information to the present owner/operator and notify Cub Crafters, Inc. Contact the customer service department at:

   Cub Crafters, Inc.
   1918 S. 16th Avenue
   Yakima, WA 98903.
   1-877-484-7865 or 1-509-248-9491
   support@cubcrafters.com

Please include the aircraft registration number, serial number, current name, and address of the owner and/or operator.