Cockpit Group

- Verify proper trim direction movement on screen indicator and servo with input
  - CRIMPED TERMINALS ARE TO BE INDIVIDUALLY PULL TESTED.
  - CRIMPED MOLEX, TYCO, AND AMP TERMINALS ARE TO BE CRIMPED WITH THE MANUFACTURER'S RECOMMENDED CRIMPING TOOL.

Audio Group

- THE ABOVE SETTINGS CORRESPOND TO MANUFACTURER.

Note: All settings not defined by this drawing are acceptable as configured from manufacturer.

GTR 200B INTERNAL PRESETS

1. Set Frequency Step Size appropriate for LIGHTING SOURCE 14V

2. Set AUX IN VOLUME:
   - 1 USER LISTS - 2 TUNE EMERGENCY SIDETONE 05 - MIC GAIN 05 - RF SQLCH 00 - MON SWAP ON - INTERCOM ENABLE YES - RECIEVE OUT GAIN 100% - AUX 1 SQLCH 30% - AUX 1 VOL 50% - AUX 1 MUTE NO - AUX 2 SQLCH 30% - AUX 2 VOL 50% - AUX 2 MUTE NO - PILOT RT NO

3. Set INTERCOM SQLCH:
   - MUSIC VOL 75% - ICS VOL 80% - ICS SQLCH AUTO - COM MUTE ON - COM MUTE ICS OFF - ICS MUTE MUSIC OFF - MUTE LEVEL FULL - COM 3D ON - ICS 3D ON - COCKPIT NOISE NORMAL - MUSIC BASE BOOST OFF - MUSIC EQ OFF - KEY BEEP VOL 50% - CONTRAST +0

4. Set SIDETONE VOLUME:
   - 1 USER LISTS - 2 TUNE EMERGENCY SIDETONE 05 - MIC GAIN 05 - RF SQLCH 00 - MON SWAP ON - INTERCOM ENABLE YES - RECIEVE OUT GAIN 100% - AUX 1 SQLCH 30% - AUX 1 VOL 50% - AUX 1 MUTE NO - AUX 2 SQLCH 30% - AUX 2 VOL 50% - AUX 2 MUTE NO - PILOT RT NO

Controller Setup

- Pull all non-functional switches.

Electrical System Notes

- Configure COM radio in accordance with "GTR 200B Internal Presets" or "Trig TY96 Internal Presets"
- All settings not defined by this drawing are acceptable as configured from manufacturer.

Electrical System Bench Test Procedure

1. Check PFD & MFD Power On
2. Check Pilot Headset Jack
3. Install latest software and settings per the readme files (applicable portions) on the Van's Web Site
4. SkyView Check PFD and MFD recognize a USB stick
5. Check Co-Pilot Mic Jack for Xmit
6. If installed check XM music output to headset.
7. Check Co-Pilot AP Disconnect Switch
8. Check Pilot COM Freq Swap
9. Check Co-Pilot Freq Swap
10. Check Co-Pilot TX Button

- CRIMPED TERMINALS ARE TO BE INDIVIDUALLY PULL TESTED.
- CRIMPED MOLEX, TYCO, AND AMP TERMINALS ARE TO BE CRIMPED WITH THE MANUFACTURER'S RECOMMENDED CRIMPING TOOL.

- CONNECT ALL 20-24 AWG WIRES TO D-SUBS USING ES-SA-1017 SOCKETS OR ES-SA-1018 PINS. PERMISSIBLE TO STRIP 18 AWG WIRE TO FIT.
- LABEL THE FLYING LEAD OF EACH WIRE WITH THE TRUNCATED NOMENCLATURE AND WIRE NUMBER.

- DO NOT COVER WIRES WITH WIRE NET. - HARNESSES ARE TO BE BUNDLED WITH LACING CHORD, WITH THE EXCEPTION OF BLUE TIE-WRAPs USED AT BULKHEAD STATIONS.

- USE ONLY NOR-COMP BACKSHELLS ON D-SUB CONNECTORS (WITH THE EXCEPTION OF 50-PIN CONNECTORS)

- Connect all 20-24 AWG wires to D-SUBs using ES-SA-1017 sockets or ES-SA-1018 pins. Permissible to strip 18 AWG wire to fit.
- Label the flying lead of each wire with the truncated nomenclature and wire number.

- Do not cover wires with wire net. Harnesess are to be bundled with lacing chord, with the exception of blue tie-wraps used at bulkhead stations.

- Use only nor-comp backshegs on d-subs (with the exception of 50-pin connectors).

- Connect all 20-24 AWG wires to D-SUBs using ES-SA-1017 sockets or ES-SA-1018 pins. Permissible to strip 18 AWG wire to fit.
- Label the flying lead of each wire with the truncated nomenclature and wire number.

- Do not cover wires with wire net. Harnesess are to be bundled with lacing chord, with the exception of blue tie-wraps used at bulkhead stations.
These components not included in avionics kit, nor part of the WH-00134.
See WH-00032 and WH-00033 RV-12iS wing harness drawings.
COM RADIO - GTR 200B

**COM RADIO - GTR 200B**

- **COM RADIO**
- **GTR 200B**
- **CO-PILOT HEADSET JACKS**
- **PILOT HEADSET JACKS**
- **OPTIONAL AUDIO OUTPUT**
- **OPTIONAL LEO JACK**

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- **CO-PILOT HEADSET JACKS**
- **PILOT HEADSET JACKS**
- **OPTIONAL AUDIO OUTPUT**
- **OPTIONAL LEO JACK**
THESE COMPONENTS NOT INCLUDED IN AVIONICS KIT, NOR PART OF THE WH-00136