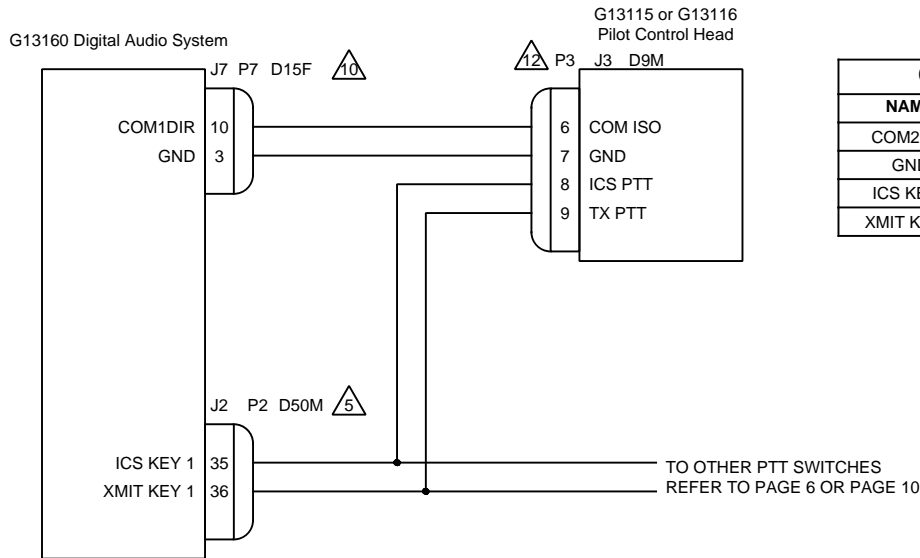


REVISION		DATE	APPROVAL
REV	DESCRIPTION		
See sheet 1 for revision history			

PRELIMINARY



Copilot Pin Assignment		
NAME	G13115/6	G13160
COM2DIR	J3 pin 6	J7 pin 11
GND	J3 Pin 7	J7 pin 5
ICS KEY2	J3 pin 8	J4 pin 35
XMIT KEY 2	J3 Pin 9	J4 pin 36

The G13115 and G13116 control heads have two electromechanical toggle switches on the front panel; an EMERG/NORMAL locking toggle switch, and a 3-position momentary switch for ICS/OFF/TX PTT. When each switch is "on" the appropriate pin on the J3 connector is connected to GND, pin 7.

The above wiring diagram illustrates the use of the EMERG/NORMAL switch on the pilot's G13115/G13116 primary control panel to control the Emergency Mode operation for the pilot headset. The operation of the Digital Audio System in Emergency Mode is detailed in NOTE 8 on G13162 sheet 1.

The pilot's primary control head **MUST** be wired to COM1DIR as shown if this is the primary audio system installed. **ONLY** if the audio system is installed as a secondary may the connection be omitted and the COM1DIR pin on the G13160 be connected to ground.


In most installations, the copilot's primary control panel will be wired to COM2DIR, connecting to the appropriate pins as shown in the above table. Exceptions are if the audio system is not the primary audio system or if the HEADSET 2 port is not at a location used by flight crew. In these situations the COM2DIR pin on the G13160 should be directly connected to ground.

NOTE: When the Copilot goes into Emergency Mode, Headset Port 13 and Radio Ports 21 and 30 will also go into emergency mode as detailed in NOTE 8 on G13162 sheet 1.

The EMERG/NORMAL switch is only connected for the pilot and copilot control head. For other control panel locations, a G13115NS or G13116NS panel with the EMERG/NORMAL switch not installed may be used.

The ICS PTT and TX PTT pins on the copilot control panel should be connected in parallel with the appropriate PTT switches on the copilot cyclic and/or foot switches.

In all other crew positions the ICS PTT and TX PTT pins on the associated control head may be connected in parallel with the appropriate PTT switches for that headset.

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	CHECKED	SJC	DATE	3/27/14		
	APPROVAL	CLB	DATE	3/27/14		
	PRO NO.	GA182	SHT.	13 of 13	DWG NO.	
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