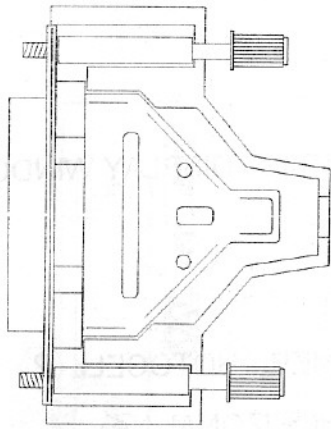
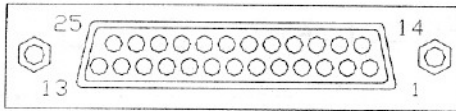


**Pin Out, Function & Wire Color for P1201**



**INS 422 P1201  
( VPN 550045 )**



**P-1201 ( WIRING SIDE VIEW )**

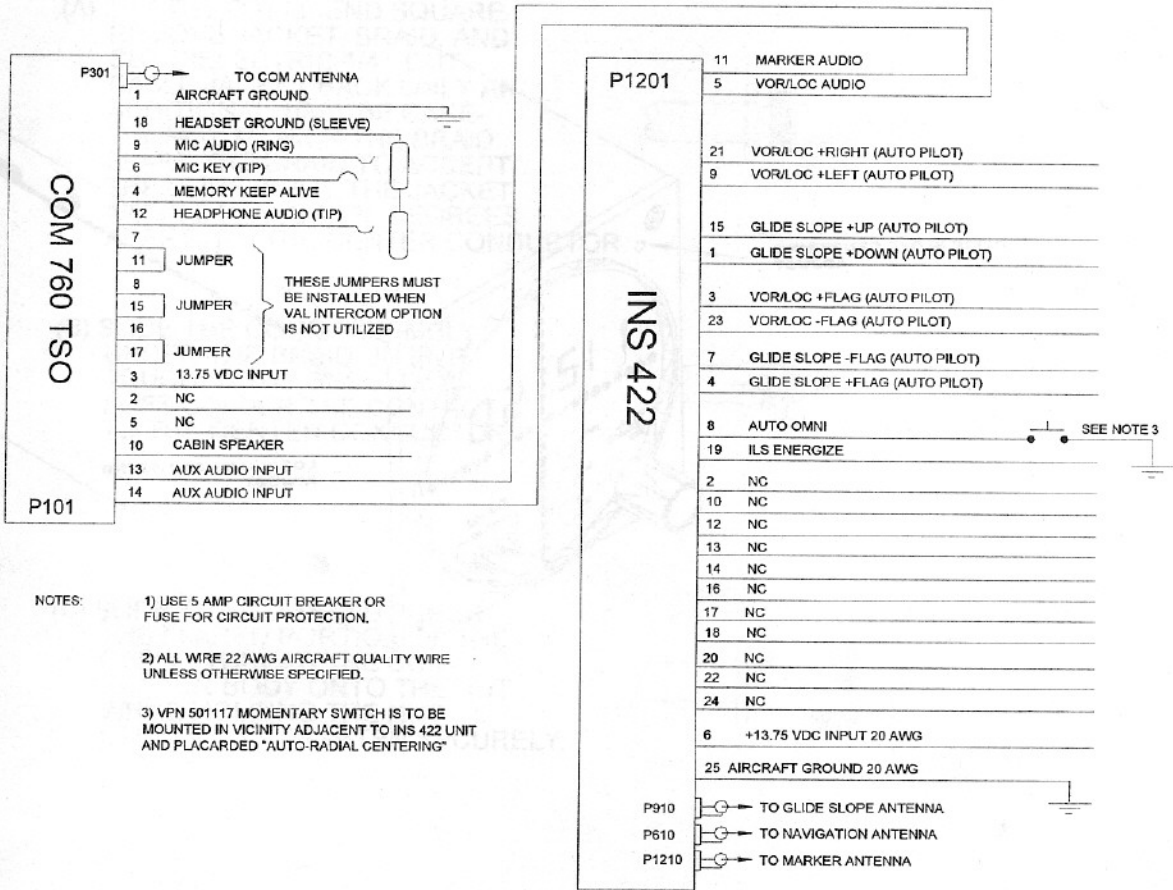
PIN	FUNCTION	COLOR
1	GLIDE SLOPE (+ DOWN)	WHITE
2	NC	
3	VOR/LOC (+ FLAG)	
4	GLIDE SLOPE (+ FLAG)	
5	VOR/LOC RECEIVER AUDIO	BLUE
6	+ 13.75 VDC INPUT (20 AWG)	RED
7	GLIDE SLOPE (- FLAG)	
8	AUTO-RADIAL CENTERING	ORANGE
9	VOR/LOC (+ LEFT)	YELLOW
10	NC	
11	MARKER RECEIVE AUDIO	GREEN
12	NC	
13	FOR FUTURE USE	
14	NC	
15	GLIDE SLOPE (+ UP)	VIOLET
16	NC	
17	NC	
18	NC	
19	ILS ENERGIZE	GRAY
20	NC	
21	VOR/LOC (+ RIGHT)	BROWN
22	NC	
23	VOR/LOC (- FLAG)	
24	NC	
25	AIRFRAME GROUND (20 AWG)	BLACK

**Note: The INS 422 TSO Comes with a standard factory wire harness. The description of the wire color and function is listed in the above table. The remaining pin terminals for external output are available for use as required for interface to auto-pilot system.**

**Figure 1.3**

**Drawing No. 900422-INS4**

**Installation and Interconnection Diagram**



**Figure 1.4**

**Drawing No. 900422-INS5**

**INS 422 TSO TSO Integrated Navigation System**  
**Original Issue January 2002**  
**VPN 701034**