

NARCO AVIONICS NAV 124 SERIES

TABLE 2.1A NAV 124 AND NAV 124A REAR PLATE EXTERNAL CONNECTIONS

Connection See Note 1	Function
Nav Power (Refer to Section 2.4.3.1)	
TL-1 _____	14/28 Vdc A+ Input From Circuit Breaker
11 and 36 _____	Switched 14/28 Vdc Output (See Note 2)
16 _____	14 Vdc Input (See Note 2)
Ground Lug	
10 _____	14V Pilot Lights (See Note 3)
12 _____	28V Pilot Lights (See Note 3)

Audio (Refer to Section 2.4.3.2)	
14 _____	Auxillary Audio Input
17 _____	50 mW Audio Output
37 _____	Marker Beacon Audio Output
47 _____	30 mW Audio Output

Indicator (Refer to Section 2.4.3.7)		
C _____	Resolver D and G	Course Resolver
5 _____	Resolver C	
40 _____	Resolver E	
42 _____	Resolver F	
B _____	Resolver A	
26 _____	OBS 2	Course Potentiometer
40 _____	OBS 3	
41 _____	OBS 1	
42 _____	OBS 4	

2 _____	+NAV Flag
A _____	4V Reference (See Note 4)
7 _____	GS + UP (NAV 124 only)
8 _____	GS + Flag (NAV 124 only)
43 _____	+ LEFT
45 _____	+ FROM

NOTES:

1. Refer to Rear Plate Assembly figure: numbers are located on P1007, letters are located on Terminal Board (TB)
2. 14V installations jumper pin 11 to pin 16. 28V installations connect pin 11 to MP 11 pins 3 and 4; connect pin 16 to MP 11 pins 5 and 6.
3. 14V installations connect pin 12 to Ground Lug; connect switched A+ or dimmer to pin 10. 28V installations connect pin 12 to switched A+ or dimmer; do not connect to pin 10.
4. Pin A is +Right, +To, -NAV flag, +Down, and -GS Flag.

Marker Beacon (Refer to Section 2.4.3.4)	
1 _____	Amber Lamp
4 _____	Marker HI-LO Sensitivity
27 _____	Marker 14/28 Vdc Input
29 _____	Blue Lamp
31 _____	White Lamp
32 _____	Marker Audio Mute
33 _____	Lamp Common
37 _____	Marker Audio Output
50 _____	Marker Lamp Test
35 _____	Marker Lamp Dim

Miscellaneous	
15 _____	VOR/LOC (ARINC)
39 _____	VOR/LOC (NARCO)
20 _____	GS/LOC Activate (EXT) Refer to Section 2.4.3.3
38 _____	SELF TEST Activate (Refer to Section 2.4.3.7)
28 _____	Flag Jumper
30 _____	Flag Jumper (Refer to Section 2.4.3.7)

ARINC DME/GS Channeling (Refer to Section 2.4.3.3)	
B _____	Ground
D _____	C MHz
E _____	E MHz
F _____	D MHz
G _____	A kHz
H _____	B MHz
J _____	D kHz
K _____	E kHz
L _____	B kHz
M _____	Y Channel
N _____	A MHz
P _____	C kHz

