

2.4 ELECTRICAL INSTALLATION

Interconnect cables must be constructed by the installing agency. Table 2.2 shows the rear panel connections for each of the NAV units described in this manual. Before building the cable, pursue Section 2.4, determine required cable length, and note wire gauge.

TABLE 2.2A NAV 121 REAR PANEL CONNECTIONS

<u>Connection</u> <u>See Note 1</u>	<u>Function</u>
NAV Power	
Refer to Section 2.4.3.1	
6 and 25 _____	Switched 14/28V Output
7 and 26 _____	14/28 Vdc Input From Circuit Breaker
9 _____	Pilot Lights, 28V
16 _____	14V Input
19 _____	Ground (REAR SUPPORT STUD)
27 _____	Pilot Lights, 14V

Audio

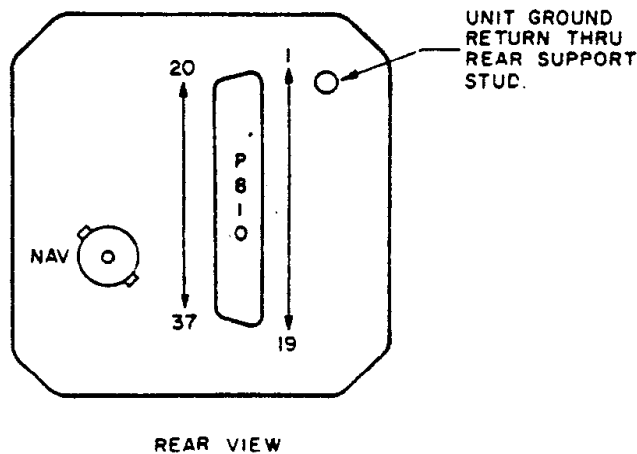
Refer to Section 2.4.2.2

8 _____	Auxiliary Audio Input
31 _____	30 mW Audio Output
36 _____	50 mW Audio Output

ARINC Channeling

Refer to Section 2.4.2.3

4 _____	C MHz
5 _____	B MHz
13 _____	A kHz
14 _____	B kHz
15 _____	E kHz
22 _____	E MHz
23 _____	D MHz
24 _____	A MHz
32 _____	D kHz
33 _____	C kHz
34 _____	Y Channel



Autopilot And Indicators

Refer to Section 2.4.2.7

10 _____	+FROM
28 _____	+LEFT
29 _____	4V Reference (+ TO and + Right)

Miscellaneous

Refer to Section 2.4.2.4 and 2.4.2.6

12 _____	VOR/LOC (NARCO)
17 _____	VOR/LOC (ARINC)
18 _____	GS/LOC Activate