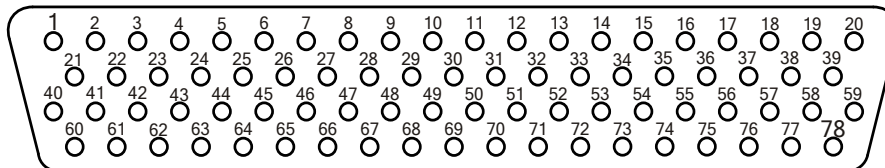


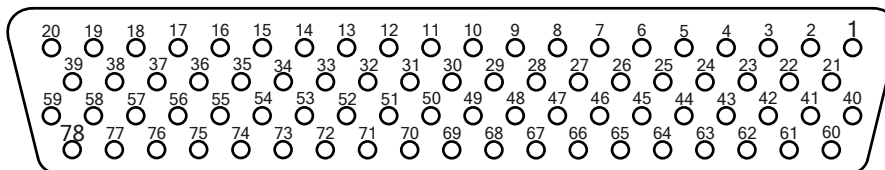
## 4 CONNECTOR PINOUT INFORMATION

### 4.1 GTN 6XX/7XX

#### 4.1.1 P1001 Connector



LOOKING FROM  
PILOT'S SEAT



LOOKING AFT  
TOWARD PILOT'S  
SEAT

Pin	Pin Name	I/O
1	MAIN OBS ROTOR H (GND)	--
2	MAIN OBS ROTOR C	Out
3	TIME MARK OUT A	Out
4	AUDIO OUT HI	Out
5	RS-232 OUT 4	Out
6	RS-232 OUT 3	Out
7	RS-232 OUT 2	Out
8	RS-232 OUT 1	Out
9	ARINC 429 OUT 2A	Out
10	ARINC 429 OUT 1A	Out
11	MAIN +TO OUT	Out
12	MAIN VERTICAL +UP OUT	Out
13	MAIN LATERAL SUPERFLAG OUT	Out
14	OBS ANNUNCIATE*	Out
15	GPS ANNUNCIATE*	Out
16	OBS/SUSP MODE SELECT*	In
17	LIGHTING BUS 1 LO	In
18	LIGHTING BUS 1 HI	In
19	AIRCRAFT POWER	In
20	AIRCRAFT POWER	In
21	MAIN OBS STATOR D	In
22	TIME MARK OUT B	Out
23	AUDIO OUT LO	Out
24	RS-232 IN 4	In
25	RS-232 IN 3	In
26	RS-232 IN 2	In
27	RS-232 IN 1	In
28	ARINC 429 OUT 2B	Out
29	ARINC 429 OUT 1B	Out
30	MAIN +FROM OUT	Out
31	MAIN VERTICAL +DOWN OUT	Out
32	MAIN VERTICAL SUPERFLAG OUT	Out
33	WAYPOINT ANNUNCIATE*	Out
34	TERMINAL ANNUNCIATE*	Out
35	TAWS AUDIO ACTIVE OUT*	Out
36	AUDIO INHIBIT IN*	In
37	TAWS INHIBIT IN*	In
38	AIR/GROUND*	In
39	CDI SOURCE SELECT*	In

Pin	Pin Name	I/O
40	MAIN OBS STATOR E (GND)	--
41	MAIN OBS STATOR F	In
42	LIGHTING BUS 2 LO	In
43	FAN GROUND	--
44	RS-232 GND 3/4	--
45	RS-232 GND 2	--
46	RS-232 GND 1	--
47	ARINC 429 IN 2A	In
48	ARINC 429 IN 1A	In
49	MAIN LATERAL +LEFT OUT	Out
50	MAIN LATERAL +FLAG OUT	Out
51	MAIN VERTICAL +FLAG OUT	Out
52	VLOC ANNUNCIATE*	Out
53	LOI ANNUNCIATE*	Out
54	MESSAGE ANNUNCIATE*	Out
55	APPROACH ANNUNCIATE*	Out
56	ILS/GPS APPROACH*	Out
57	TAWS INHIBIT ANNUNCIATE*	Out
58	FAN TACH IN	In
59	FAN POWER OUT (12 VDC)	Out
60	MAIN OBS STATOR G (GND)	--
61	LIGHTING BUS 2 HI	In
62	CONFIG MODULE DATA	I/O
63	CONFIG MODULE CLOCK	Out
64	CONFIG MODULE GND	Out
65	CONFIG MODULE POWER	Out
66	ARINC 429 IN 2B	In
67	ARINC 429 IN 1B	In
68	MAIN LATERAL +RIGHT OUT	Out
69	MAIN LATERAL -FLAG OUT	Out
70	MAIN VERTICAL -FLAG OUT	Out
71	TAWS WARNING ANNUNCIATE*	Out
72	TAWS NOT AVAILABLE ANNUNCIATE*	Out
73	TAWS CAUTION ANNUNCIATE*	Out
74	GPS SELECT*	Out
75	TRAFFIC TEST*	Out
76	TRAFFIC STANDBY*	Out
77	AIRCRAFT GND	--
78	AIRCRAFT GND	--

\* Indicates an Active Low