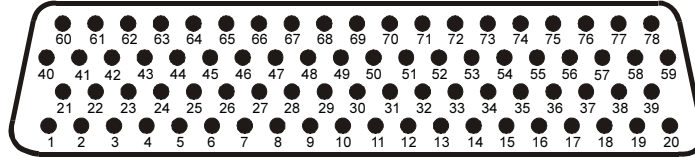


## 4. SYSTEM INTERCONNECTS

### 4.1 Pin Function List

#### 4.1.1 P4001 Main Connector

(View looking at rear of unit)



Pin	Pin Name	I/O
1	VLOC ANNUNCIATE	Out
2	GPS ANNUNCIATE	Out
3	WAYPOINT ANNUNCIATE	Out
4	TERMINAL ANNUNCIATE	Out
5	APPROACH ANNUNCIATE	Out
6	MESSAGE ANNUNCIATE	Out
7	OBS ANNUNCIATE	Out
8	SPARE ANNUNCIATE	Out
9	INTEGRITY ANNUNCIATE	Out
10	ANNUNCIATE D	Out
11	ANNUNCIATE E	Out
12	ALTITUDE ALARM ANNUNCIATE	Out
13	GPS SELECT	Out
14	ILS/GPS APPROACH	Out
15	AIRCRAFT POWER 2	In
16	TIME MARK OUT	Out
17	MAIN LATERAL SUPERFLAG	Out
18	MAIN VERTICAL SUPERFLAG	Out
19	AIRCRAFT POWER 1	In
20	AIRCRAFT POWER 1	In
21	MAIN +LEFT	Out
22	MAIN +RIGHT	Out
23	MAIN LATERAL +FLAG	Out
24	MAIN LATERAL -FLAG (GROUND)	Out
25	MAIN +TO	Out
26	MAIN +FROM	Out
27	MAIN +UP	Out
28	MAIN +DOWN	Out
29	MAIN VERTICAL +FLAG	Out
30	MAIN VERTICAL -FLAG (GROUND)	Out
31	MAIN OBS ROTOR C	Out
32	MAIN OBS ROTOR H (GROUND)	Out
33	MAIN OBS STATOR D	In
34	MAIN OBS STATOR E (2.5V COMMON OBS)	Out
35	MAIN OBS STATOR F	In
36	MAIN OBS STATOR G (2.5V COMMON OBS)	Out
37	AUDIO 1 HI	Out
38	AUDIO 1 LO (GROUND)	Out
39	LIGHTING BUS HI	In
40	LIGHTING BUS LO	In
41	GPS RS-232 OUT 3	Out