

### **Mini EFIS (Generation II) Connector A Description (Preliminary)**

Mating Connector: 25-pin Female D-sub (Instrument has 25-pin Male D-sub)

<b>Pin</b>	<b>Function</b>
1	Serial Out 6
2	Serial Out 1
3	Serial Out 5
4	Serial Out 2
5	Serial Out 4
6	Audio Ground
7	Audio - Right
8	RS-485_A (Trig TT22)
9	RS-485_B (Trig TT22)
10	Outside Air Temperature Input
11	Magnetometer Power (+)
12	Audio - Left
13	Magnetometer Serial In
14	Primary Power Input
15	Secondary Power Input
16	Analog Input 1
17	Ground
18	Warning Light (Open/Ground Max 1 Amp)
19	Serial Input 2
20	Serial Input 1
21	Serial Input 4
22	Serial Input 5
23	Serial Input 3
24	Serial Input 6
25	Serial Out 3

Note: Serial ports 4-6 are only available when equipped with the additional serial ports option. When assigning serial inputs/outputs, the serial port rate (baud) must be the same for the serial output and input for a particular channel. For example, if serial port 1 output is wired to a transponder that requires 9600 baud data input, the EFIS serial port 1 input must be used for a device that transmits data at 9600 baud (such as the EIS engine monitor).