

Electrical bus panel.

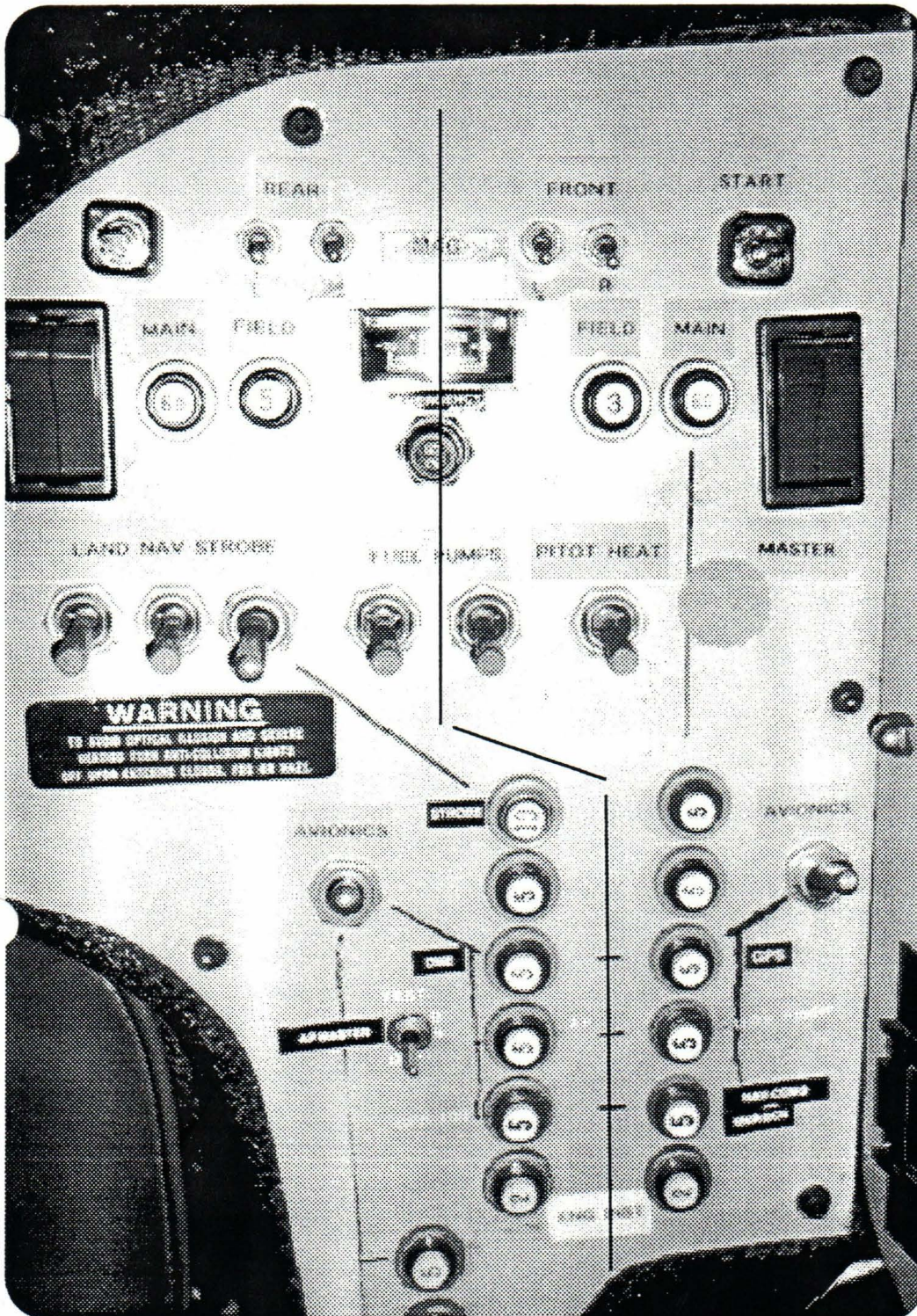
Although this is not an award winning electrical panel, it has served me well. My drive for perfection broke down at some point when I grabbed a marker pen to complete the flow graphics. There are some interesting points here.

Good points:

1. I tried to create a flow chart on the panel so it would be obvious where the power was coming from and what switch and breaker controlled what.
2. there is a separation of power from the front engine and rear engine. This is illustrated by the lines drawn on the photo
3. The starter switches are double pole, double throw. Momentary in both directions. This creates an automatic backup if contacts should fail. I can just throw the switch in the other direction and still be able to start the engine.
4. The horizontal row of switches are actually switch/ breakers (with the exception of the strobe switch).

Bad Points:

1. Breakers that cannot be tripped manually.
2. Things got complicated when I started adding things. I did not allow for expansion.
3. You would not believe the rats nest behind the panel. I can pull the panel out somewhat to service it, but I have to be very careful. Difficult to make changes.
4. Needs some cosmetic improvements, and more professional flow graphics.



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