

PITOT STATIC SYSTEM

GENERAL

The pitot-static system consists of two separate, independent sub systems. Left pitot tube and one pair of static pressure sources supplies air data to the pilot instrument through ADC No. 1.

Right pitot tube and a pair of static pressure sources feed copilot instruments through ADC No. 2, and, in addition, the right pitot line branches off and connects directly to the backup flight instruments. the backup flight instruments are connected to separate static sources.

If one side fails, air data is still available from the other side. If an electrical failure disables both ADC's, the backup instruments supply are still operable.

Gulfstream G200 - Pitot Static System

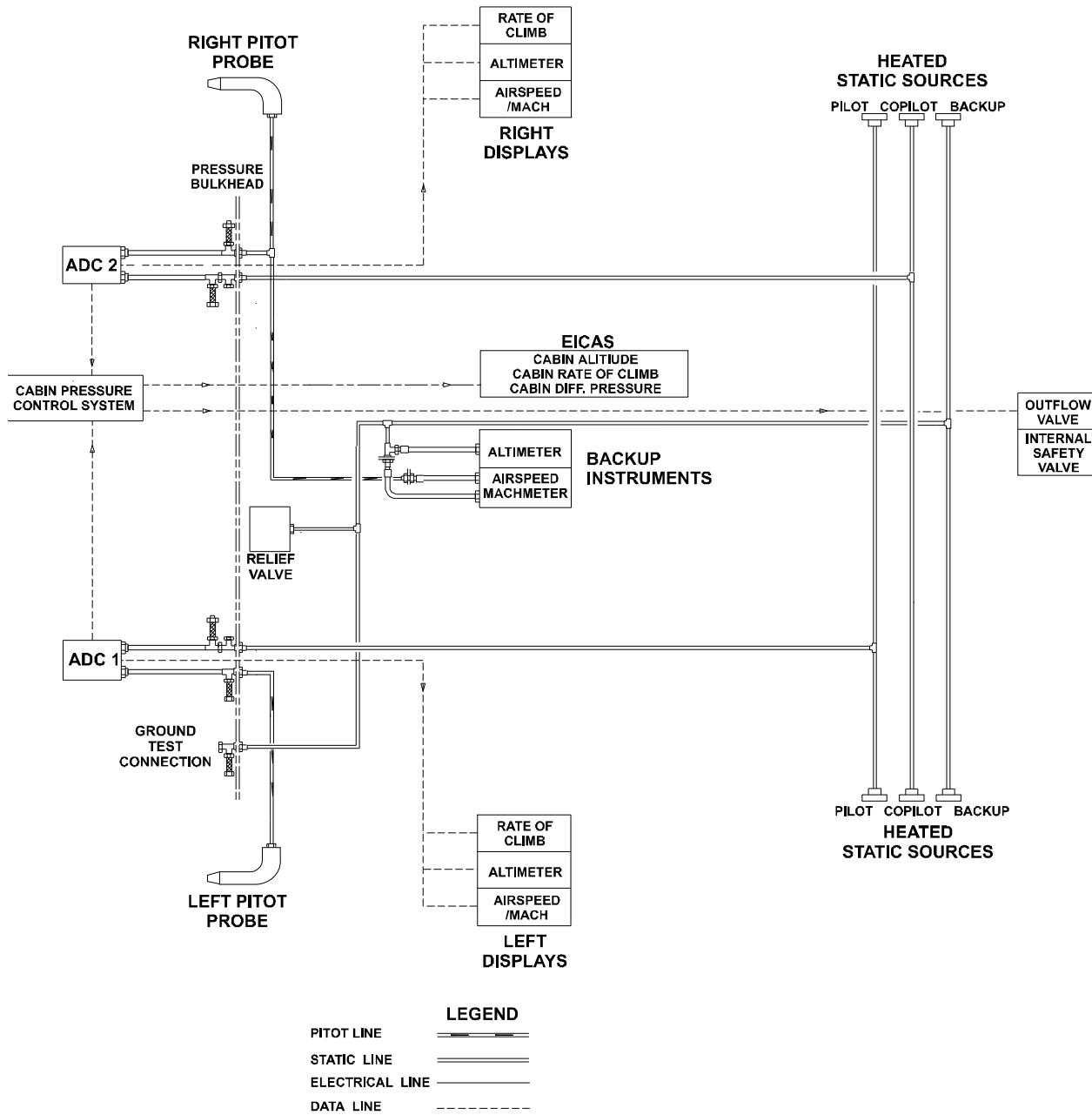


Figure 5-29. Pitot Static System - Schematic