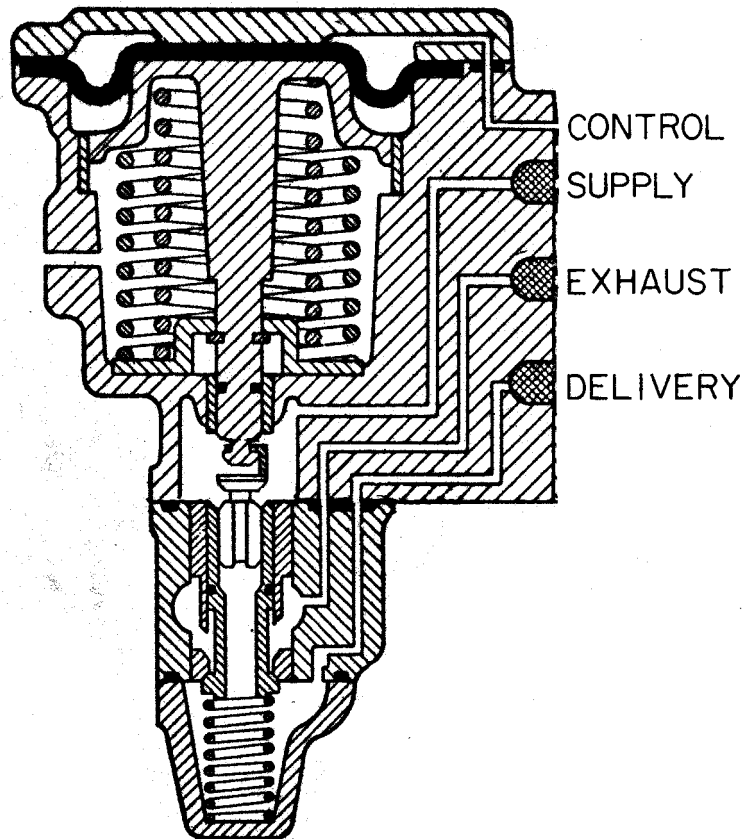


## H-5 RELAYAIR VALVE



### PURPOSE

The H-5 Relayair Valve is a three-way pneumatic pressure switch used to divert air flow passages. The Valve is diaphragm-operated and will handle a large flow capacity.

### OPERATION

With control port pressure, the supply port is blanked and the delivery port opened to exhaust. Without control port pressure, supply port is connected to the delivery port and exhaust is blanked.

The operating point for the Relayair Valve is determined by the diaphragm size and spring load.

With control pressure removed, all Springs return the valve components to the configuration shown in the diagrammatic. Supply pressure can now flow past open Exhaust Valve (5) to the delivery port. The exhaust port is sealed off.

The control pressure at which the H-5 Relayair Valve switches from one mode of operation to the other is determined primarily by the load value of Spring(s) (6) and the diaphragm size.