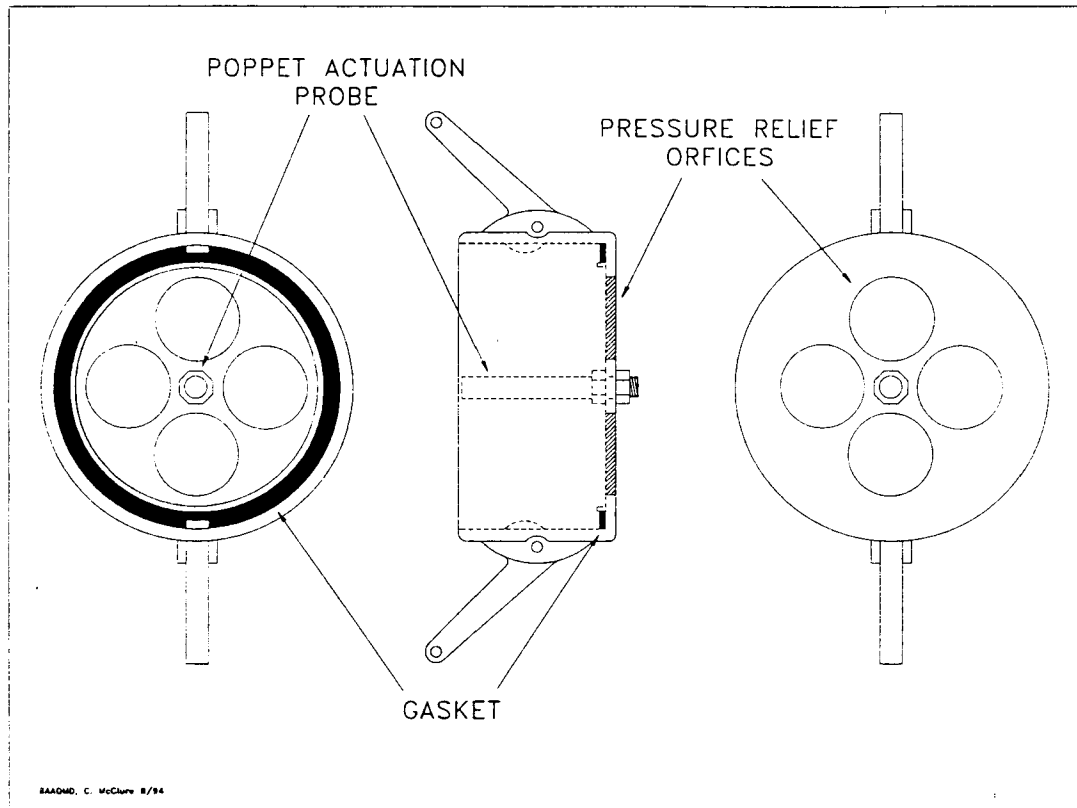


**Figure 4-2**

**Dynamic Pressure Release Assembly**



**TESTING**

- 7.1 Alternate Method 1.** Insert the nozzle into the fillpipe of the Dynamic Back Pressure Test Unit, ensuring that a tight seal at the fillpipe/nozzle interface is achieved.
  - 7.1.1** Connect the nitrogen supply to the test assembly.
  - 7.1.2** Open the nitrogen supply, set the delivery pressure to 5 psig, and use the flowmeter control valve to adjust the flowrate to lowest of the required nitrogen flowrates.
  - 7.1.3** A pulsating gauge needle indicates nitrogen passing through a liquid obstruction in the vapor return system. If this occurs, close the flow meter control valve, disengage the nozzle and redrain the nozzle and hose assembly. Re-engage the nozzle, open the flow meter control valve and repeat the test.
  - 7.1.4** The following information shall be recorded on the field data sheet, as shown in Form 4-1:
    - (a) Pump Number and Product Grade
    - (b) Nozzle make and model
    - (c) Nitrogen flowrate, CFH
    - (d) Dynamic back pressure, inches H<sub>2</sub>O
  - 7.1.5** Repeat subsections 7.1.1 through 7.1.4 for all required nitrogen flowrates.
  - 7.1.6** Close and replace the dust cover on the Phase I poppet.