

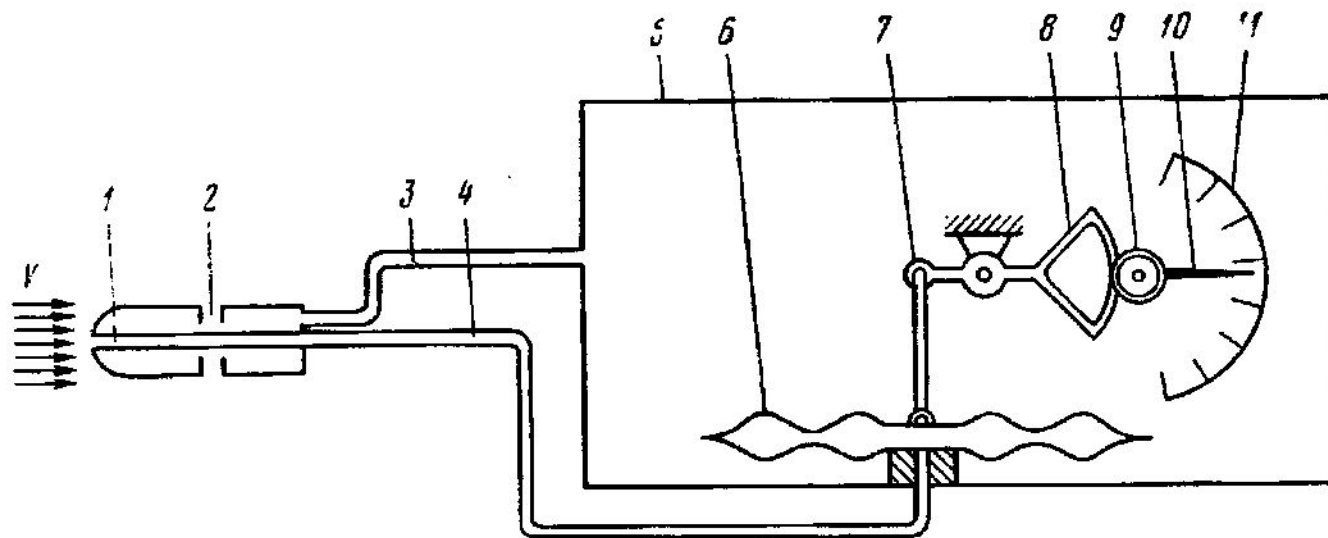
# Airspeed indicator



This device is one of the main flight instruments. On helicopter Mi-8 there is an YC-450.



This device is designed to measure and indicating the speed of helicopter with respect to air.



Принципиальная схема указателя скорости типа УС

The airspeed indicator operates on the principles of differential pressure.





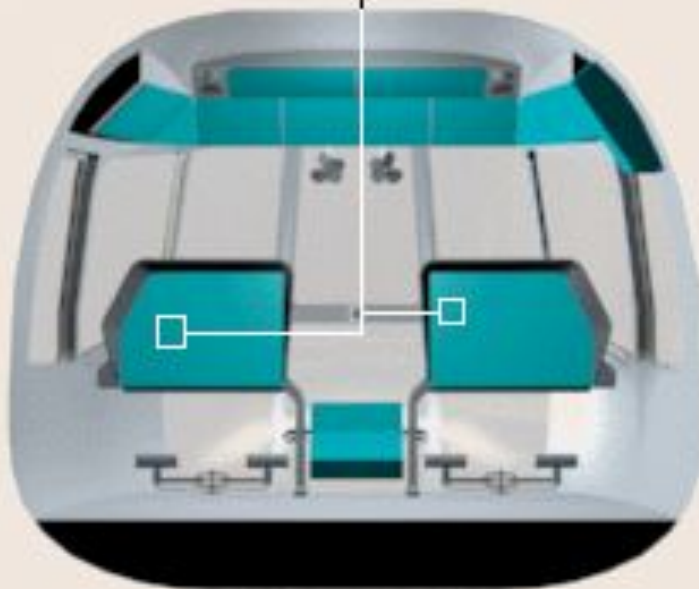
The distortion of the diaphragm which is mounted in an airtight instrument case being a measure of the differential pressure, is this also a measure of the airspeed.





The amount of distortion is registered by an indicating mechanism that is graduated from 50 to 450 km/h.





Mi-8 has two speed instruments on board, which are mounted on the left and right dashboard to the left of the attitude indicator.