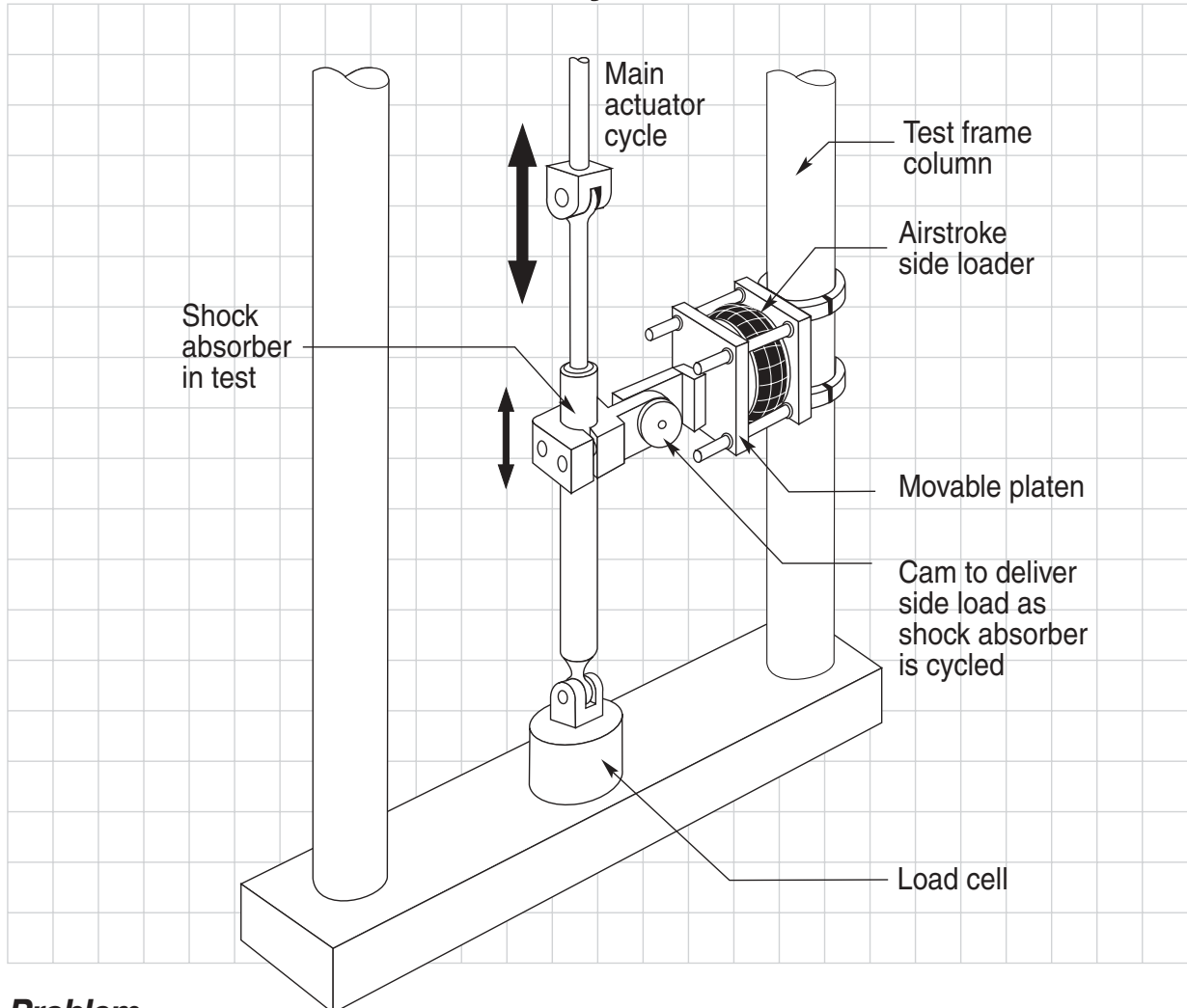


Shock Absorber Test System



Problem

System needed to simulate side load pressure on shock absorber units to produce wear on seals and rod during cyclic testing. Current systems utilize weights, pulleys and cables to produce the effect.

Solution

An Airstroke actuator is mounted horizontally to produce and maintain the specified degree of side load on the absorber during its axial test cycle.

Benefit

The actuator provides constant and controllable side load force, even over large deflection, to produce accurate and valid test results.