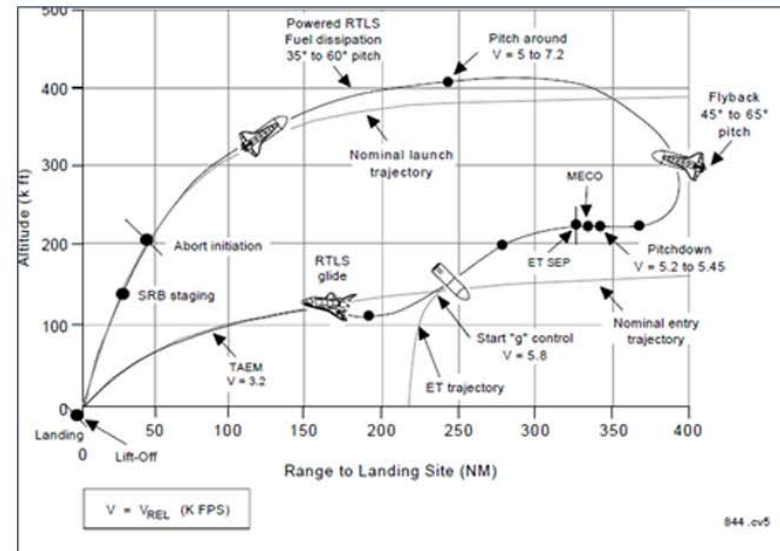


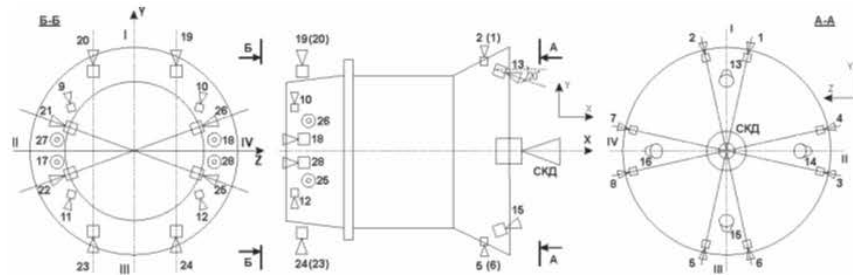
Shuttle return to launch site abort mode

Sec 3.2



SOYUS COMBINED PROPULSION SYSTEM (КДУ)

The combined propulsion system (КДУ) is the motion control system (СУД) effector and creates thrust along the vehicle body axes ($\pm X, \pm Y, \pm Z$) and control moments about these axes ($\pm M_x, \pm M_y, \pm M_z$). The КДУ is a pressure-fed propulsion system, which uses bi-propellant liquid-fuel reactive thrusters. An oxidizer (nitrogen tetroxide) and fuel (non-symmetrical dimethylhydrazine), stored separately in different tanks, are used as propellants.



Soyuz landing modes

