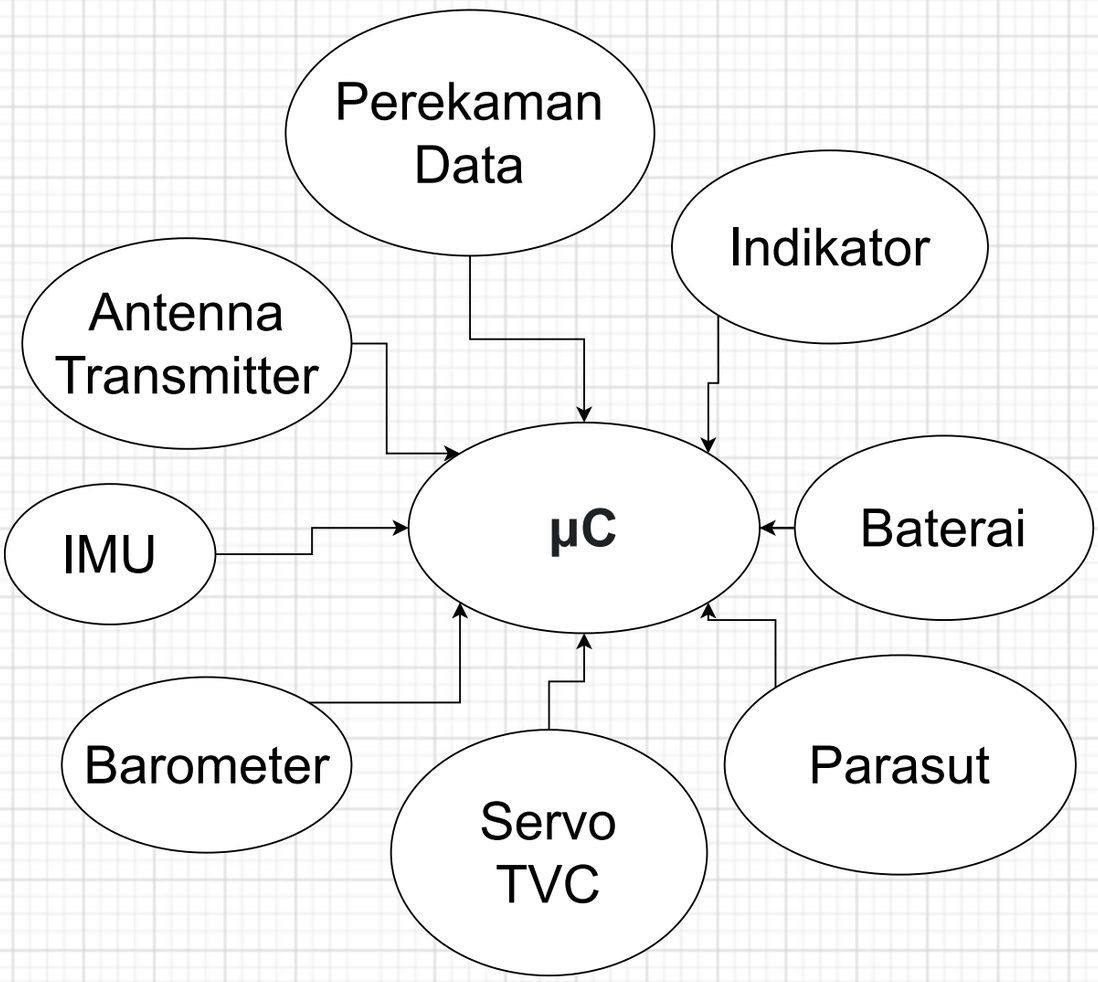
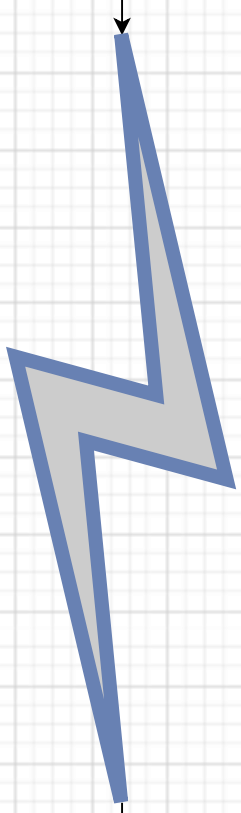
Konsep Dasar Bagian Roket



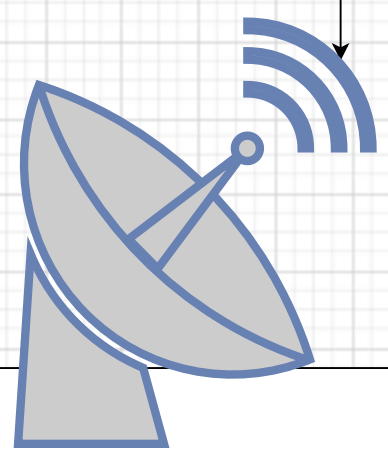
Komunikasi Roket dengan Ground Station

Roket

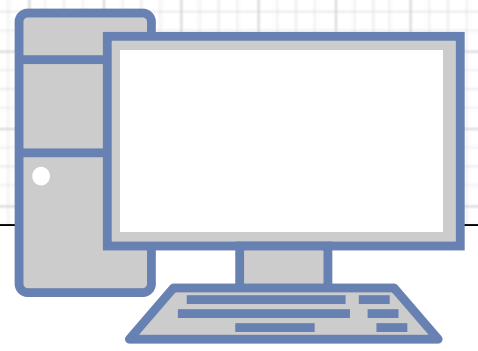


Penjelasan

Roket yang terbang/masih diam akan mengirimkan telemetri berupa data ketinggian, state, kecepatan, dll. Data akan ditangkap oleh antenna ground dan divisualisasikan dengan komputer.



Antenna Ground Station



Komputer

Software State

Ground Idle → `GROUND_IDLE`

Meluncur

Powered Flight → `POWERED_FLIGHT`

Pendorong Habis Terbakar

Unpowered Flight → `UNPOWERED_FLIGHT`

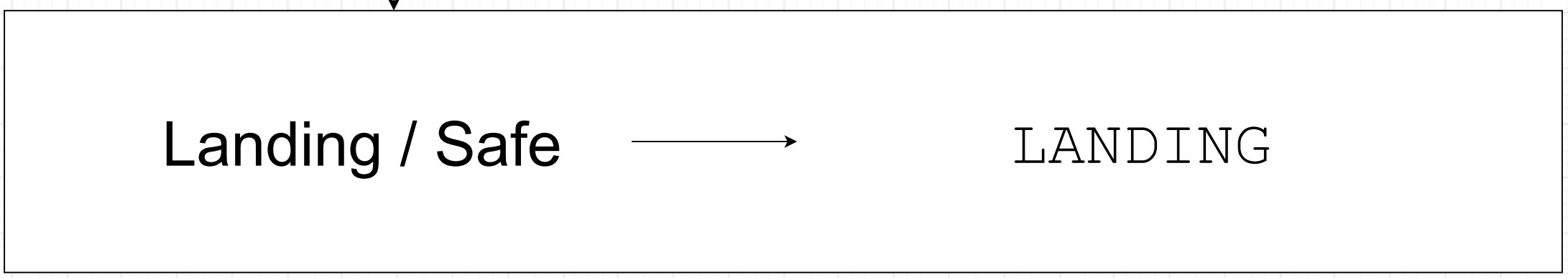
Apogee (Titik Tertinggi)

Ballistic Decent ⟶ `BALLISTIC_DECENT`

Melepaskan Parasut

Chute Decent ⟶ `CHUTE_DECENT`

Ketinggian <5m AGL
(Above Ground Level)


Landing / Safe
LANDING