Pet state machine

init
Cmde para stop
Led 0.10/0.05s
Time-out 1s

time_out

para opening
Cmde para open
Led 0.10/0.40s
Time-out = 5s

time_out

para closing
Cmde para close
Led 0.40/0.10s
Time-out = 2s

time_out

waiting
Cmde para stop
Led 0.90/0.10s

take_off

flight
Cmde para close
Time-out = flight-time
Led 0.10/0.10s

time_out

parachute
Cmde para open
Led 0.20/0.20s