

Distance: Random
Probability
Distribution

Velocity: Optional
variable speed in
proportion to
distance

Battery Life: 5400s charging time,
1800s max flight time

FLIGHT: If Battery
Life is less than
2700 switch
drones,
Charge each
drone by
 $\text{Delivery_time} * 5400s / 1800s$
plus previous
battery level

Distance: (X,Y)

TIME:
AVG,
STD, MIN,
MAX

DRONE
USAGE

Monte-Carlo

Done with Loop?

Statistic Data

No

Yes!

