Robot Inspection Optimizer

Robot Parameters

Aerial Robots

Number of Robots
3

Speed (meters/min)
5.0

Max Time (min)
30.0

Inspection Time (min)
1.0

Ground Robots

Number of Robots
3

Speed (meters/min)
2.0

Max Time (min)
60.0

Inspection Time (min)
3.0

Waypoints

Aerial Depot

X
0

Y
0

Ground Depot

X
30

Y
0

[+ Manual Waypoint] [+ Random Waypoint]

Waypoint 4: (81.8, 1.3) [Remove]

Waypoint 3: (53.3, 12.2) [Remove]

Waypoint 2: (56.5, 70.3) [Remove]

Robot Inspection Plan - Time: 68.1 minutes

Frame 13 of 13

[Replay Animation]

[Play]

Solution Details:

Aerial Robots:

- Aerial Robot 0: Distance: 189.34 units, Time: 41.87 minutes, Waypoints: 2
- Aerial Robot 1: Distance: 137.36 units, Time: 31.47 minutes, Waypoints: 2
- Aerial Robot 2: Distance: 170.44 units, Time: 38.09 minutes, Waypoints: 2

Ground Robots:

[Solve]