

NAVIGATOR FLIGHT INFORMATION – NAV PRACTICE #1

Location of take-off: Naval Air Station Sand Point

Aircraft Heading: 165°

Aircraft Speed: 88 m/s

Wind direction: Blowing from 58°

Wind speed: 4 m/s

Duration of Flight Before Crashing: 1 minute, 48 seconds

NAVIGATOR FLIGHT INFORMATION – NAV PRACTICE #2

Location of take-off: Renton Airfield

Aircraft Heading: 351°

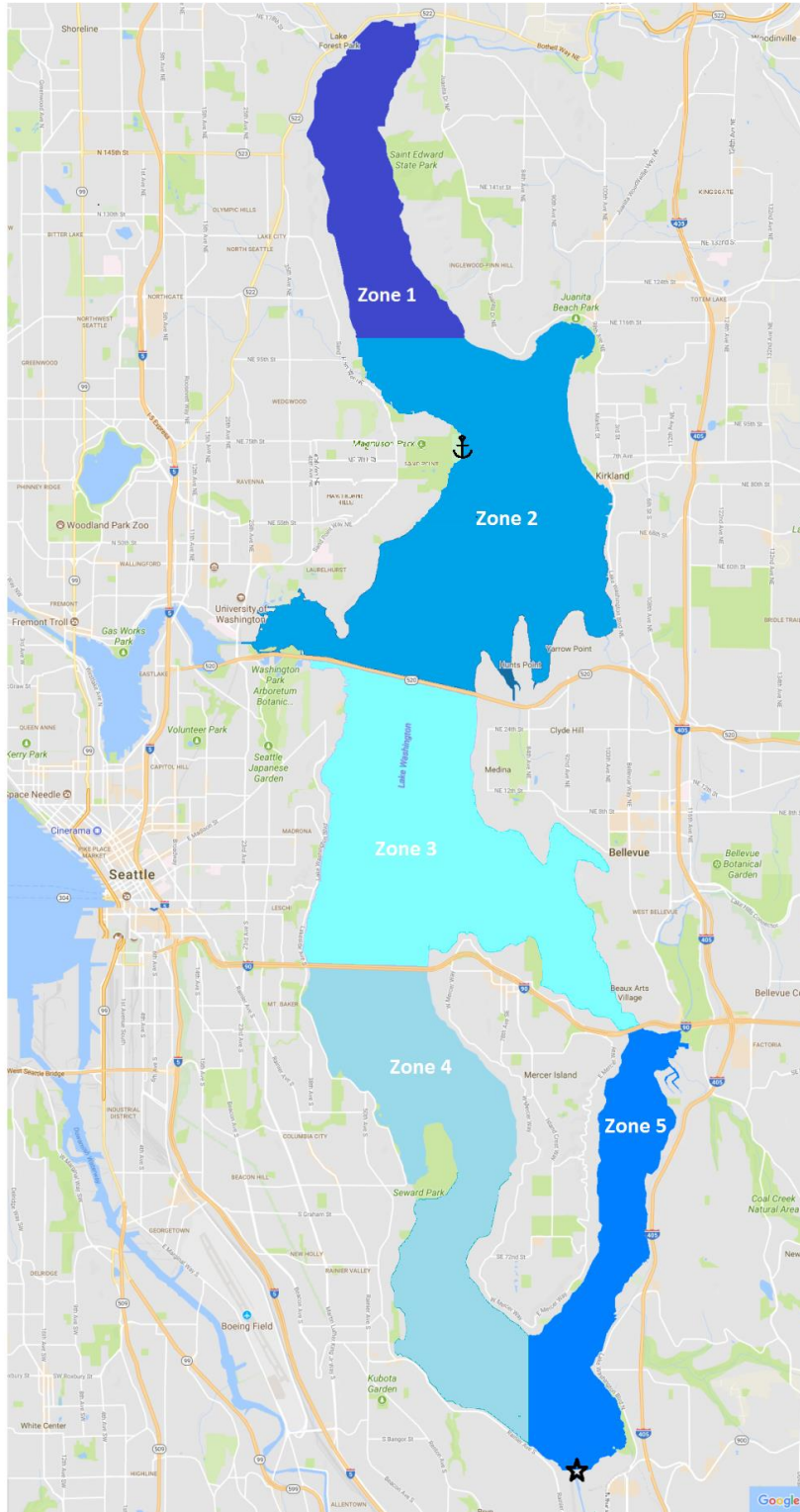
Aircraft Speed: 92 m/s

Wind direction: Blowing from 170°

Wind speed: 11 m/s

Duration of Flight Before Crashing: 3 minute, 55 seconds

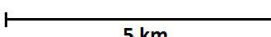
NAVIGATOR Class



Naval Air Station Sand Point



Renton Airfield



ANSWER – NAV PRACTICE #1

Location of take-off: Naval Air Station Sand Point

Aircraft Heading: 165°

Aircraft Speed: 88 m/s

Wind direction: 58°

Wind speed: 4 m/s

Duration of Flight Before Crashing: 1 minute, 48 seconds

Solution:

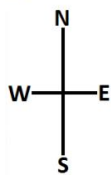
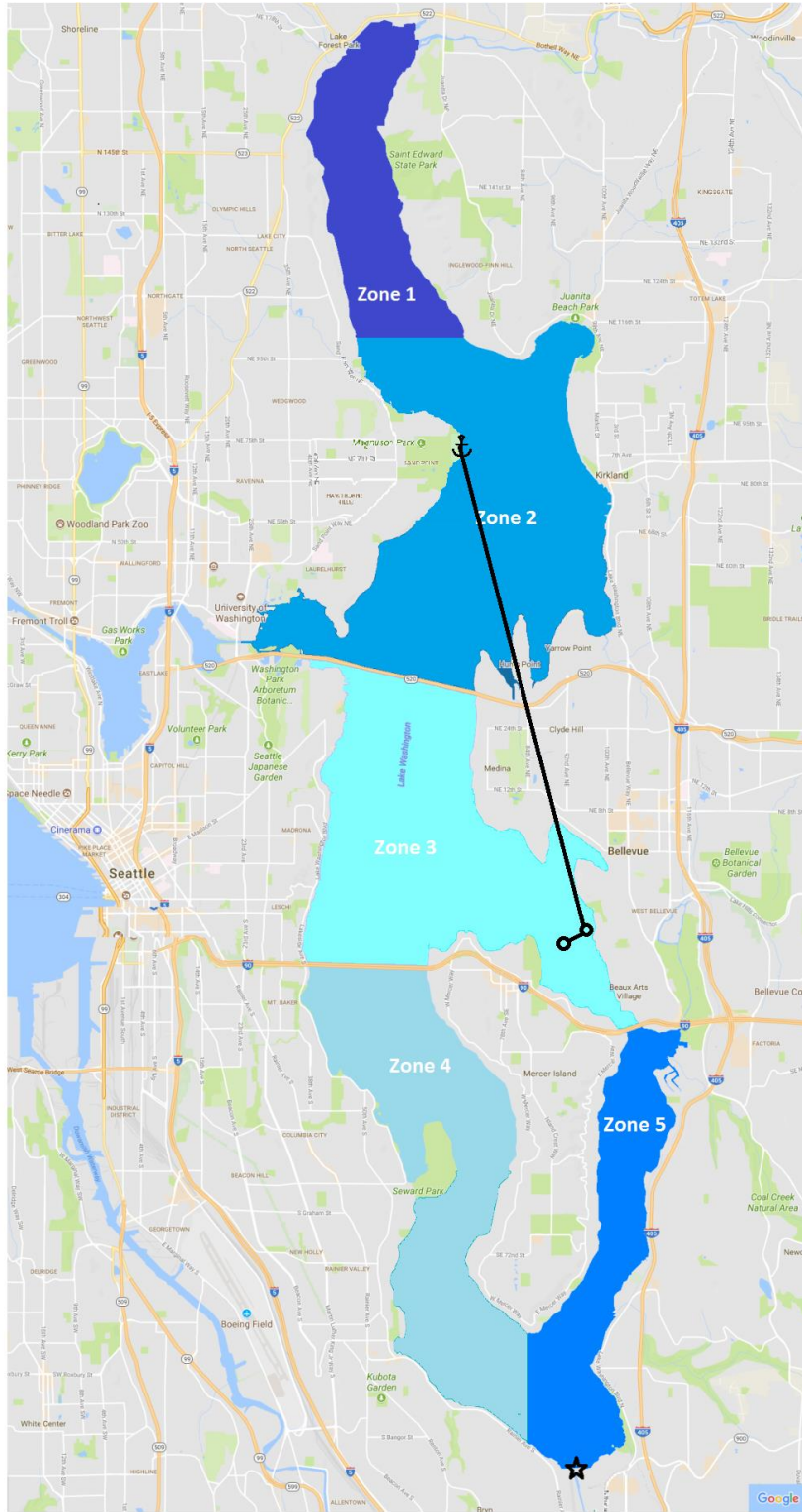
Flight: 9,504 meters = 9.5 km distance traveled at 165°

Wind: 432 meters = 0.4 km distance traveled at 238°

Note: Wind from 58° pushes plane 238°

Zone 3

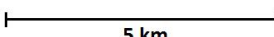
NAVIGATOR Class



Naval Air Station Sand Point



Renton Airfield



ANSWER – NAV PRACTICE #2

Location of take-off: Renton Airfield

Aircraft Heading: 351°

Aircraft Speed: 92 m/s

Wind direction: 170°

Wind speed: 11 m/s

Duration of Flight Before Crashing: 3 minute, 55 seconds

Solution:

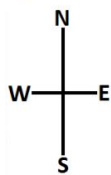
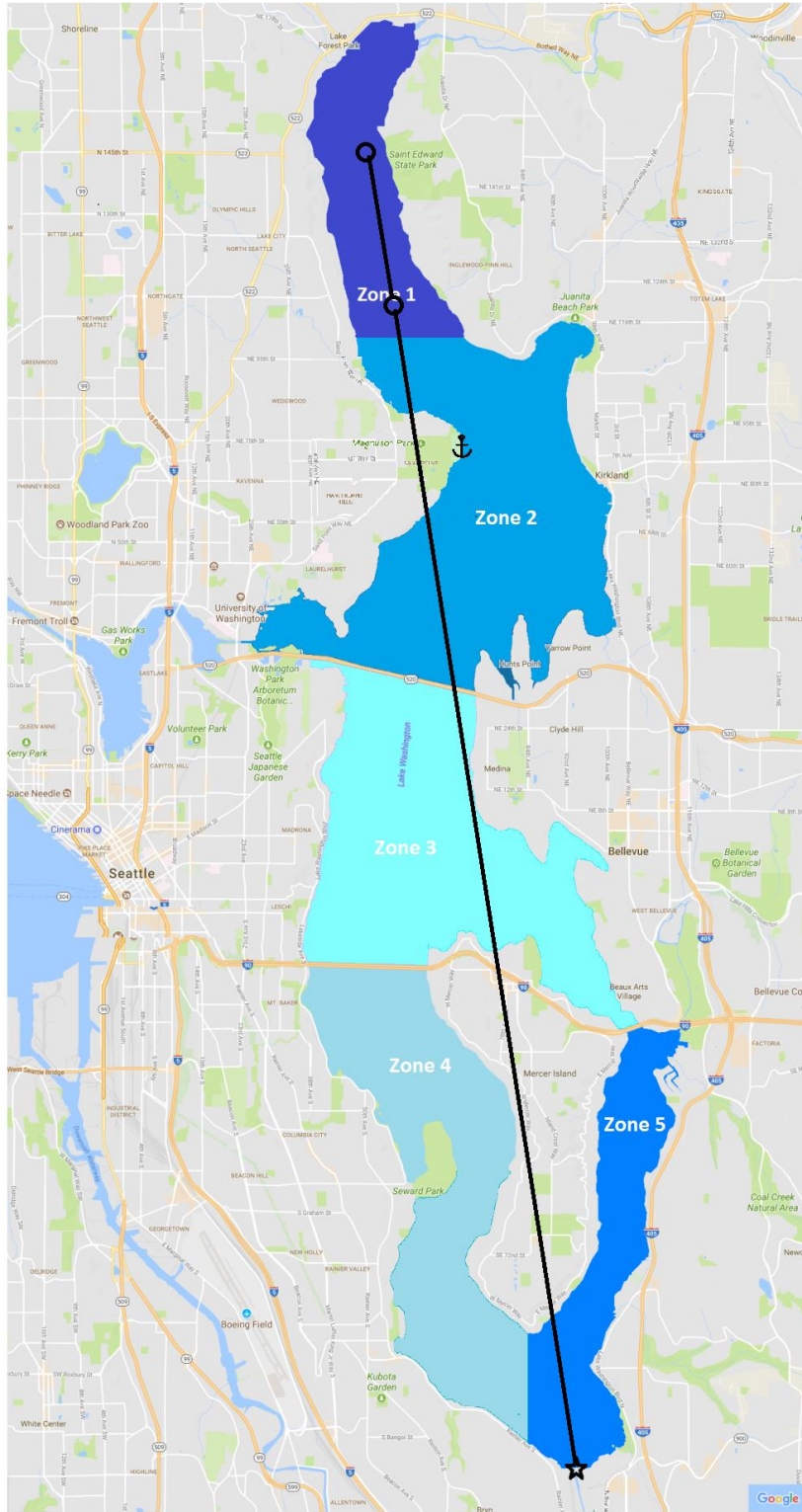
Flight: 21,620 meters = 21.6 km distance traveled at 351°

Wind: 2,585 meters = 2.6 km distance traveled at 350°

Note: Wind from 170° pushes plane 350°

Zone 1

NAVIGATOR Class



Naval Air Station Sand Point



Renton Airfield

1000m

5 km