

## **RANGER FLIGHT INFORMATION – RNG PRACTICE #1**

**Take-off: Naval Air Station Sand Point**

**Heading: 181°**

**Airspeed ascent: 126 m/s**

**Ascent rate: 12.3 m/s**

**Time until engine failure: 58 seconds**

**Airspeed descent: 98 m/s**

**Descent rate: 8.9 m/s**

**Wind direction: From 315°**

**Wind speed: 12.2 m/s**

**Note: Wind only affects the aircraft after engine failure (prior to engine failure, the pilot compensates for the wind).**

## **RANGER FLIGHT INFORMATION – RNG PRACTICE #2**

**Take-off: Renton Airfield**

**Heading: 357°**

**Airspeed ascent: 143 m/s**

**Ascent rate: 15.1 m/s**

**Time until engine failure: 51 seconds**

**Airspeed descent: 101 m/s**

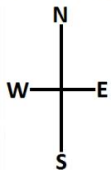
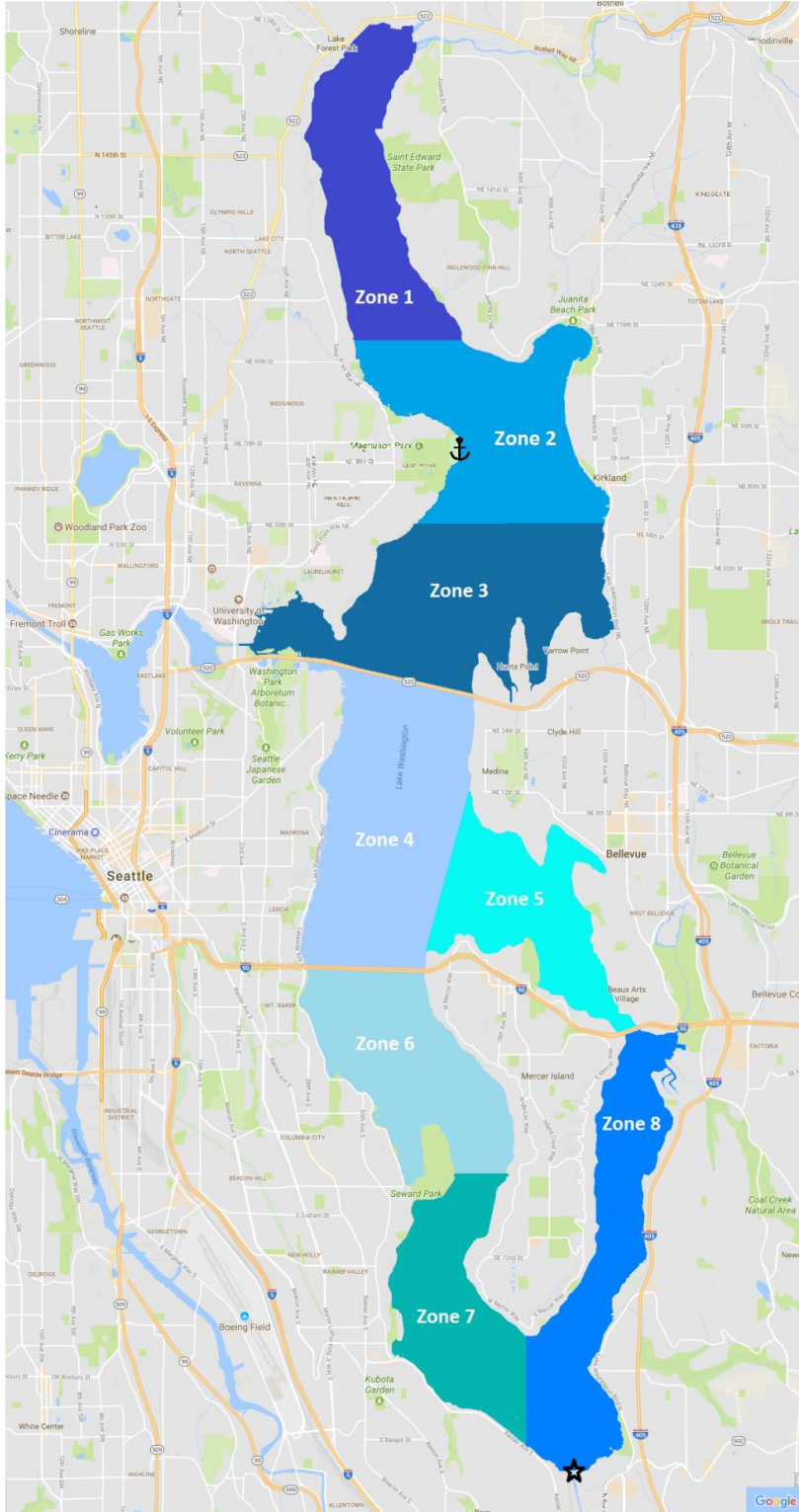
**Descent rate: 7.5 m/s**

**Wind direction: From 241°**

**Wind speed: 13.1 m/s**

**Note: Wind only affects the aircraft after engine failure (prior to engine failure, the pilot compensates for the wind).**

# RANGER CLASS



 Naval Air Station Sand Point

 Renton Airfield

1000m

5 km

## ANSWER – RNG PRACTICE #1

Take-off: Naval Air Station Sand Point

Heading:  $181^{\circ}$

Airspeed ascent: 126 m/s

Ascent rate: 12.3 m/s

Time until engine failure: 58 seconds

Airspeed descent: 98 m/s

Descent rate: 8.9 m/s

Wind direction: From  $315^{\circ}$

Wind speed: 12.2 m/s

Note: Wind only affects the aircraft after engine failure (prior to engine failure, the pilot compensates for the wind).

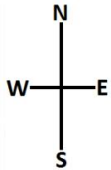
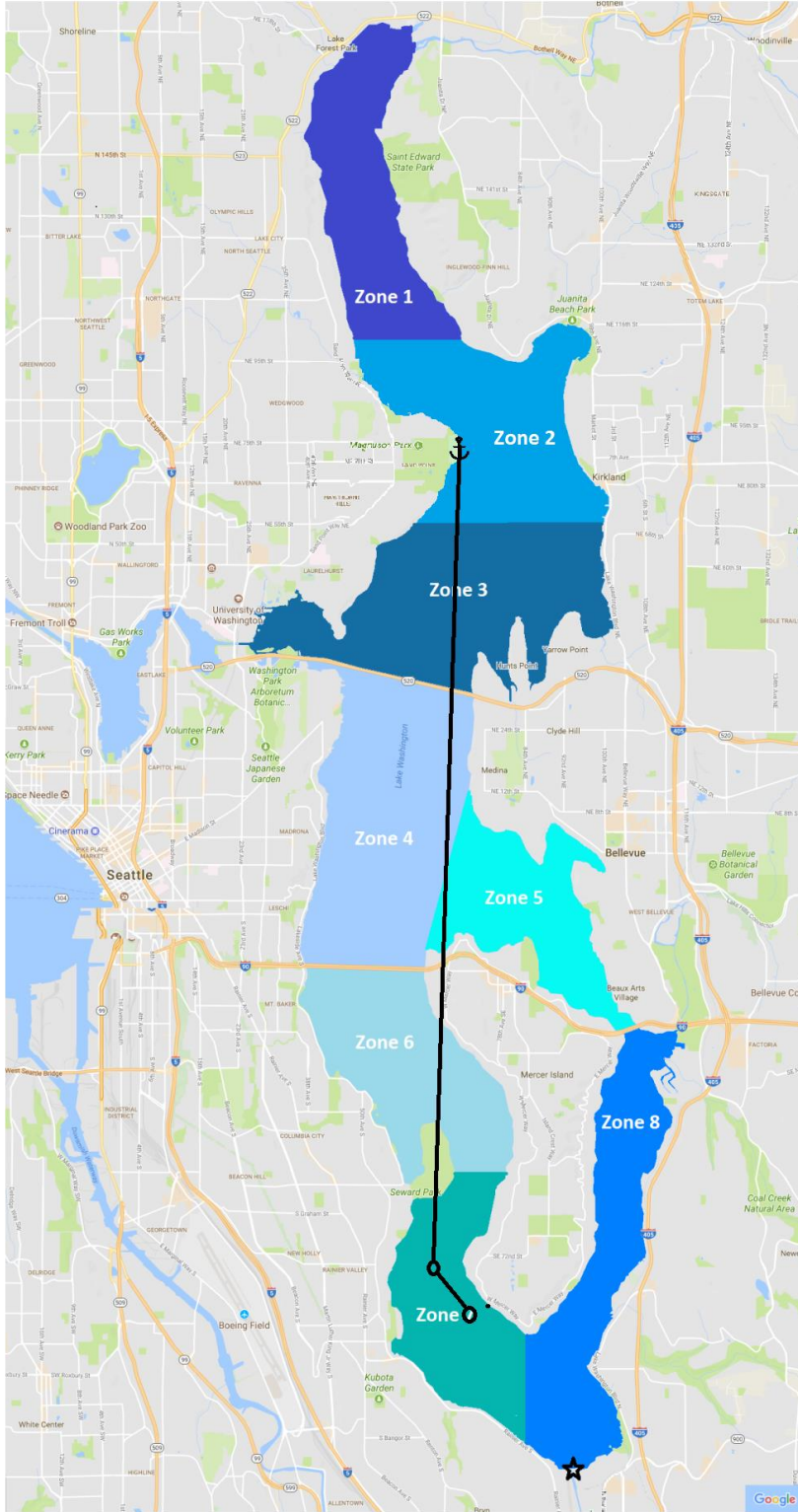
Ascent Distance = 7,308 meters at  $181^{\circ}$

Descent Distance: 7,855 meters at  $181^{\circ}$

Wind Distance: 978 meters at  $135^{\circ}$

# Zone 7

# RANGER CLASS



 Naval Air Station Sand Point

 Renton Airfield

1000m

5 km

## RANGER FLIGHT INFORMATION – RNG PRACTICE #2

Take-off: Renton Airfield

Heading: 357°

Airspeed ascent: 143 m/s

Ascent rate: 15.1 m/s

Time until engine failure: 51 seconds

Airspeed descent: 101 m/s

Descent rate: 7.5 m/s

Wind direction: From 241°

Wind speed: 13.1 m/s

Note: Wind only affects the aircraft after engine failure (prior to engine failure, the pilot compensates for the wind).

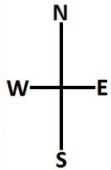
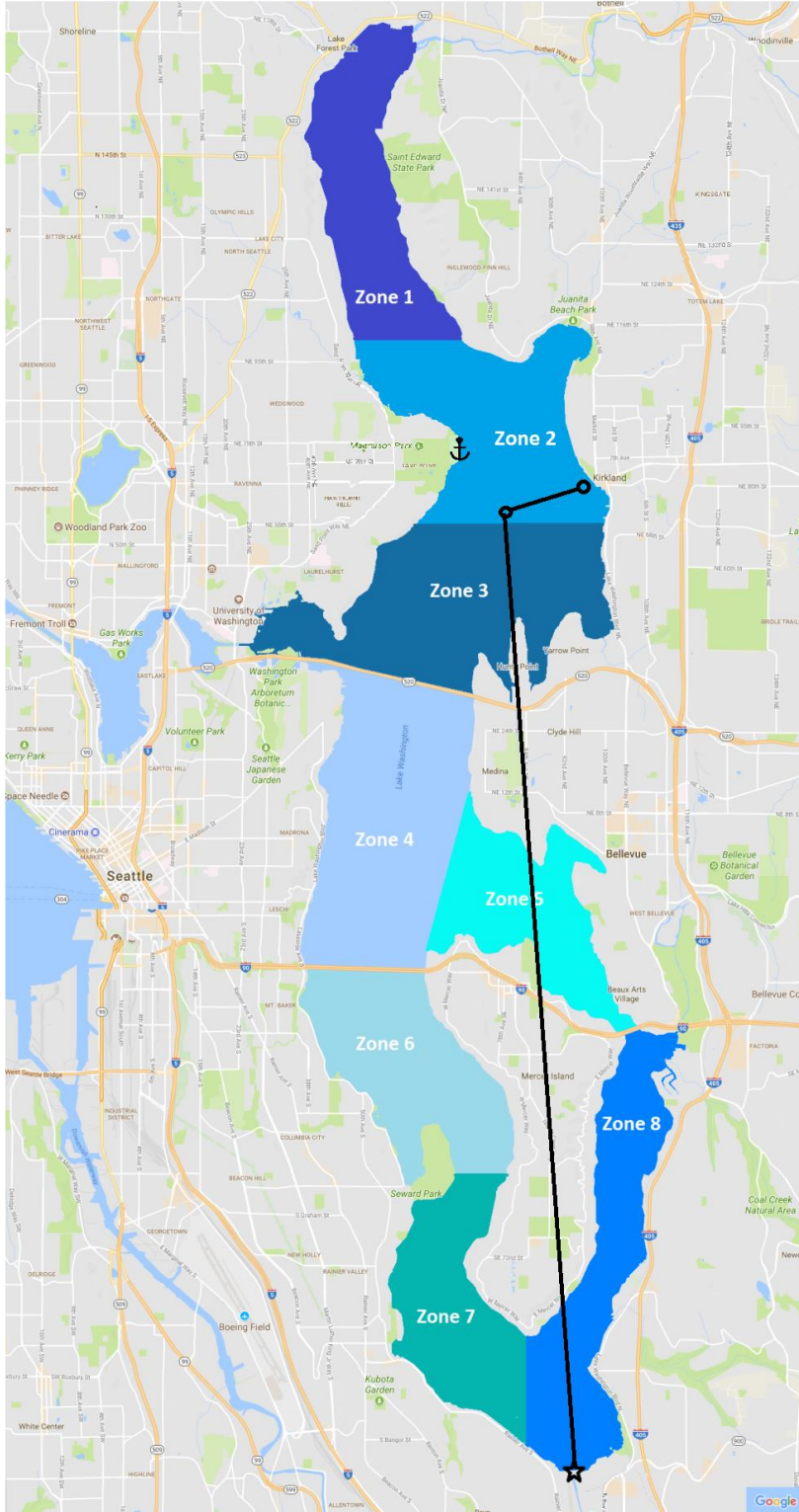
Ascent Distance = 7,293 meters at 357°

Descent Distance: 10,370 meters at 357°

Wind Distance: 1345 meters at 61°

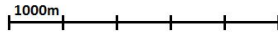
# Zone 2

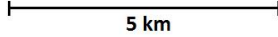
# RANGER CLASS



 Naval Air Station Sand Point

 Renton Airfield

 1000m

 5 km