

# HARBOR

*High Altitude Reconnaissance Balloon for Outreach and Research*

## Flight Planning/Simulation Worksheet



Flight : \_\_\_\_\_ Flight Date : \_\_\_\_\_  
Preparer : \_\_\_\_\_ Date Prepared : \_\_\_\_\_  
Callsign : \_\_\_\_\_

### LAUNCH SITE

Site Name : \_\_\_\_\_ Airport Code : \_\_\_\_\_  
LAT : \_\_\_\_\_ LONG : \_\_\_\_\_  
Elevation : \_\_\_\_\_ Weather Station: \_\_\_\_\_

### FLIGHT DATA

Ascent Rate : \_\_\_\_\_  
Descent Rate : \_\_\_\_\_  
Burst Altitude : \_\_\_\_\_  
Launch Time : \_\_\_\_\_

### SIMULATION DATA (Attach Screen Capture of Simulated Flight Track)

Landing LAT : \_\_\_\_\_ Range : \_\_\_\_\_  
Landing LONG: \_\_\_\_\_ Bearing : \_\_\_\_\_  
Landing Time : \_\_\_\_\_

### VOR WORKSHEET

Nearest VOR : \_\_\_\_\_ VOR Variation : \_\_\_\_\_  
VOR LAT : \_\_\_\_\_ VOR LONG : \_\_\_\_\_

Range to Landing : \_\_\_\_\_  
Bearing to Landing : \_\_\_\_\_  
Radial to Landing (*Radial = Bearing - Variation, +360 if negative*) : \_\_\_\_\_