HARBOR

High Altitude Reconnaissance Balloon for Outreach and Research

Flight Director Checklist

Flight Number : _____   Launch Director : _____

Flight Date　　 : _____   Flight Locale　　 : _____

BATS/CATS　 : _____   Launch Time　　 : _____

PAYLOADS

- ☐ Command Box Instruments Closed Out —— ☐ Secured ☐ Checklists Closed
- ☐ Payload Box Instruments Closed Out ——— ☐ Secured ☐ Checklists Closed
- ☐ Command Box CLOSED and SECURED
- ☐ Payload Box CLOSED and SECURED

COMM

- ☐ BATS packets being received —— ☐ Master Laptop　☐ Handheld
- ☐ CATS packets being received —— ☐ Master Laptop　☐ Handheld

STACK

- ☐ Exterior Antenna Secure
- ☐ Payload <==> Command —— Harness Secure (☐ Check all QuickLinks)
- ☐ Parachute <==> Stack —— Line Secure
- ☐ Mass of Stack (optional) ——— MASS: _____

BALLOON

- ☐ Leader line connected to ballast bag
- ☐ Leader line TIED and TAPED to balloon
- ☐ Leader line secured to parachute
- ☐ Ballast released from leader line

LAUNCH

- ☐ Receive launch authority from FACULTY FLIGHT DIRECTOR
- ☐ Scan entire airspace for aircraft
- ☐ Stack walkout & Launch —— LAUNCH TIME: _____
- ☐ FAA Communication on launch