

HELICOPTER SAFETY REFERENCE

LANDING ZONE (LZ) SELECTION:

Figure A.3: LZ Selection

<p>Size:</p> <ul style="list-style-type: none"> ✓ Daytime: 75'x 75' minimum ✓ Nighttime: 100'x 100' minimum 	<p>LZ Surface:</p> <ul style="list-style-type: none"> ✓ Relatively smooth and flat (< 7°) ✓ Clear of obstacles, trees, and loose debris
<p>Identify obstacles, Look for:</p> <ul style="list-style-type: none"> ✓ Poles ✓ Wire ✓ Obstacles that may interfere with landing 	<p>Mark the LZ:</p> <ul style="list-style-type: none"> ✓ Overhead emergency light bars ✓ Flares, with caution ✓ Portable strobe lights or beacons ✓ Automobile headlights on dim, turned off when helicopter approaches LZ Mark and requested by pilot. ✓ Mark obstacles and poles with overhead wires with spotlights

COMMUNICATIONS: As ETA approaches, call Northwest MedStar on designated frequency and provide pilot with location of obstacles, direction and speed of wind and surface information.

DIRECTING HELICOPTER TO THE SCENE:

- ✓ Advise pilot when you hear and/or see aircraft
- ✓ Give pilot scene direction relative to helicopter, e.g., "We are at your (meaning the helicopter's) three o'clock position" or "We are north of your position"
- ✓ Advise pilot when the aircraft is directly overhead
- ✓ Give brief patient update to medical crew

SAFETY:

Figure A4: Helicopter Landing Do's and Don'ts

Do's	DON'TS
<ul style="list-style-type: none"> ➔ Wear hearing protection. ➔ Keep all personnel back 200 feet from an approaching or departing aircraft. ➔ Secure loose clothing. ➔ Protect yourself and the patient from rotor wash. ➔ Be aware of the possibility of a significant wind chill factor. ➔ Assign tail rotor guards to both sides at the 3 o'clock, 9 o'clock, and within eye contact of the pilot, to keep onlookers and other personnel away from tail rotor. ➔ Assist Northwest MedStar crew with loading as directed. 	<ul style="list-style-type: none"> ⊘ Do not approach the aircraft unless directed by the MedStar crew . ⊘ Do not approach from the rear of the aircraft, near the tail rotor. Maintain visual contact with pilot, at all times. ⊘ Never approach the aircraft if the rotors are still moving. ⊘ Do not approach from the uphill side of a sloped landing zone. ⊘ Do not smoke or run within 200 feet of the aircraft. ⊘ Do not bring any vehicle within 75 feet of the aircraft. ⊘ Do not use any part of the aircraft as a handhold.