

# Helipad Landing Zone Officer (LZO) Checklists

## Helipad LZO Procedures

- The LZO shall:
- Wear proper personal protective equipment
  - Perform helipad safety checks prior to each landing
  - Provide the weather and hazard briefings to pilots
  - Keep people and vehicles from entering the SZ
  - Notify pilots ASAP of any safety issues / concerns
  - Use hand signals as appropriate (when no radio contact is available)
  - Control SZ until two-minutes after take-off

## Helipad Safety Checks

- The LZO must inspect the helipad's LZ and SZ prior to LifeFlight's arrival:
- ✓ LZO Radio / Cell phone on
  - ✓ LZO Protective Equipment: vest, goggles, hearing protection, etc.
  - ✓ Weather: record readings
  - ✓ Lights – Helipad floods on
  - ✓ Lights – Helipad perimeters on
  - ✓ Lights – Windsock on
  - ✓ Lights – Hazards on
  - ✓ Windsock functional
  - ✓ Helipad clear: FOD / Snow / Ice
  - ✓ Ground access to helipad clear
  - ✓ Air approaches to helipad clear
  - ✓ Security: People / Vehicles kept clear of LZ and SZ
  - ✓ Ventilation system shut down

## Weather Briefing (Radio)

- Wind Direction (From)
- Wind Speed
  - (Sustained and Gusts)
- Air Temperature
- Horizontal Visibility ( ↔ )
- Precipitation Type (if any)

## Hazard Briefing (Radio)

- LZ Deficiencies
  - Lighting / Windsock / etc.
- LZ Surface Conditions
  - FOD / Snow / Ice / etc.
- Approach Issues
  - Hazard Light Deficiency
  - Kites / Cranes / Birds
- Security Issues
  - i.e.; Fire / Threats / etc.
- Confirm LZ "Readiness"

## Radio Communications

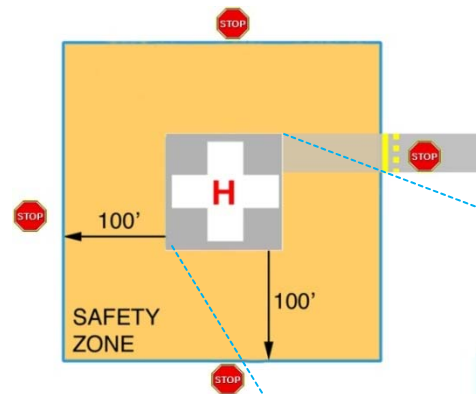
1. TMR portable - AMT Air (if unavailable try the following options)
2. TMR portable - AMT Sim
3. Cell phone - notify EHS Medical Communications Centre of briefings
4. Hand signals (see below)



**Observe radio silence during landing / takeoff unless you see an Immediate Safety Hazard!**

# Landing Zone Officer Reference Card

**Air Medical Transport 1-800-743-1334**



Helipad  
Landing Zone Officer (LZO)  
Position:

- Site specific pre-designated location outside **Safety Zone (SZ)**
- Keep all emergency vehicles and people outside **SZ**.

- Keep **Landing Zone (LZ)** clear of foreign object debris (FOD).

- Never approach or depart the helicopter unless asked and escorted by air medical crew (AMC) (**stay in green zones, no go in red zones**).

- Never run – always walk in a crouched position.

- Always approach or depart the helicopter on a down slope side.

- Carry all equipment parallel to the ground.

- No smoking / open flames in **LZ / SZ**.

