

BLACKWOOD FIRE COMPANY OPERATING GUIDELINE

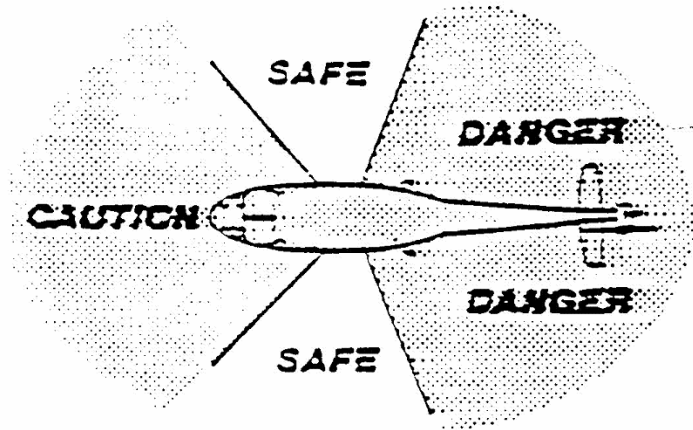
1.17 INCIDENT RESPONSE - HELICOPTER LANDING ZONES

- 1.17.1 The IC shall designate a landing zone (LZ) coordinator and relay this information to Camden County. Unless advised otherwise, the assigned radio frequency will be South Jersey Net, and the Radio designation will be "Gloucester Township LZ".
- 1.17.2 The LZ coordinator shall locate a suitable LZ, consisting of a flat, hard surface with a minimum area of 110' X 110', clear of overhead obstructions, with clear approach and departure paths, and report same to Camden County. The LZ should be located as close to the incident scene as possible. The order of preference will be; a pre-designated LZ (see attachment 1.17.2); a parking lot or large highway; other areas (athletic field, lawn, undeveloped land, etc).
- 1.17.3 Upon arrival at the LZ, all white or clear apparatus lights shall be turned off. The LZ coordinator shall assign crew member(s) to walk the landing area, utilizing handlights at night, to ensure the area is free of debris or other hazards. Members shall also examine the ground and overhead area for hazards/obstructions, and report same to the LZ coordinator.
- 1.17.4 The preferred method for marking the LZ shall be the placement of a lighted flare at each corner. Liteboxes fitted with a cone attachment or traffic cones may be used in lieu of flares when necessary, however, NO spotlights or other clear, bright lights shall be directed toward the helicopter.
- 1.17.5 After the LZ has been inspected and properly marked, the LZ coordinator shall deploy members around all four sides of the LZ, a minimum of 50' from the perimeter, to prevent unauthorized entry. All members near the LZ shall use eye protection. Bystanders shall be advised of the hazards of the helicopter rotor wash, and shall be prohibited from using cameras with flash attachments or video lights in proximity to the helicopter.

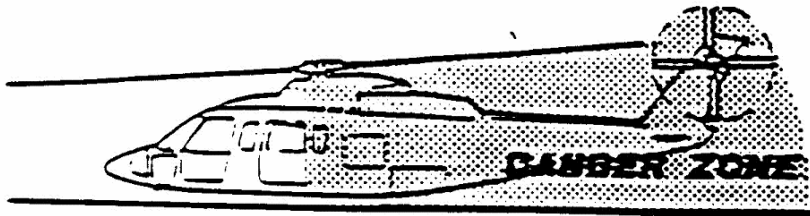
- 1.17.6 When requested, the LZ coordinator shall provide the flight crew with a Landing Zone brief. The brief shall include:
- 1.17.6.1 Area type (roadway, parking lot, field)
 - 1.17.6.2 Surface type (asphalt, dirt, grass)
 - 1.17.6.3 Size (minimum 110' x 110')
 - 1.17.6.4 Hazards (signs, wires, uneven terrain)
 - 1.17.6.5 Landmarks
 - 1.17.6.6 Marking equipment (flares, cones)
- 1.17.7 Upon approach of the helicopter, the LZ coordinator shall confirm visual sighting and, if necessary, guide the pilot to the LZ utilizing pilots' right, pilots' left and/or clock coordinates (i.e. the LZ is to your right, at the 1 o'clock position).
- 1.17.8 Upon arrival over the LZ, the flight crew will circle the area to conduct a high recon, followed by a low recon. The helicopter will then begin the final approach.
- 1.17.9 LZ communications to the helicopter shall be made by the LZ coordinator only. When the helicopter is on final approach, no radio communications shall be made (sterile cockpit). The only exception is to communicate an imminent danger to the helicopter, flight crew, and/or ground personnel. Said communication may be transmitted by any ground personnel, and should be prefaced with the words, "ABORT, ABORT, ABORT."
- 1.17.10 After the helicopter has landed, the flight crew will initiate the shutdown procedure, which takes approximately one minute. A member of the flight crew will then disembark the helicopter and approach the ground crew. NO member shall approach the helicopter without specific instruction from the flight crew. Any approach must be made within the pilot's view. (See Attachment 1.17.1 on helicopter approach).
- 1.17.11 As the helicopter prepares to depart, the LZ shall be secured in the same manner as prior to landing, IAW OG# 1.17.5. Radio silence (sterile cockpit) shall be employed until the helicopter is safely off the ground and away from the LZ. Camden County shall then be advised the helicopter has departed, and the LZ terminated.

Attachment 1.17.1 Helicopter Danger Zones

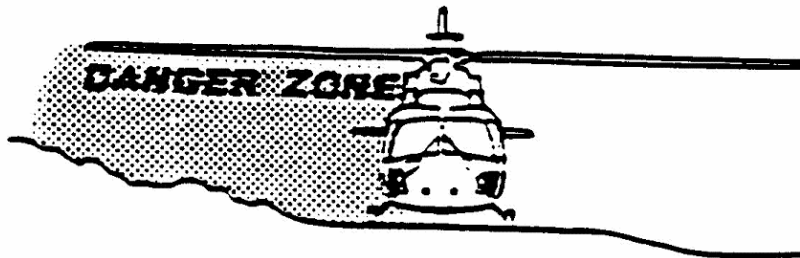
NOTE: Before approaching any helicopter, gain eye contact with the pilot and indicate your desire to approach the aircraft. Be sure he indicates his approval prior to your approach.



Approach the helicopter at a 30 to 45 degree angle from the front of the aircraft (as above).



Never go to the rear of the helicopter as the tail rotor is nearly invisible when it is turning.



Never approach or depart the helicopter from the uphill side when the aircraft is landed on or near a slope.

Attachment 1.17.2
Pre-Designated Landing Zones

1. Gloucester Twp. School.
2. Grand & High Sts.
3. St Judes Church. (Soccer Field)
4. Lincoln & Harrison Aves. (Old Babe Ruth Field)
5. Blackwood Elementary School.
6. Blackwood Plaza (Sam's Bar & Grill)
7. Highland High School
8. C. W. Lewis Middle School.
9. Between Quail Ridge & Cherrywood Apts.
10. College Dr. & Little Gloucester Rd. (Autumn Ridge Side)
11. College & Little Gloucester Rd. (Camden County College side)
12. Autumn Ridge (Near Community Center)
13. Rear of Stone Grill (BCR)
14. Laurel Hill Bible Church (BCR & Cedar Ln.)
15. End of Cedar Ln. to the rear of Huntington Mews
16. Davistown Rd. & RT. 42 (State St. Ball Field)
17. Bethel Christian Center (BCR across from Highland HS)