

# HELISTOPS-HELIPORTS Located On Hospital Buildings Reminder List

## Applicable Codes and Standards

CBC 2007, CFC 2007, NFPA 418 - 2001 edition

### SCOPE

1. Building Code requirements are not applicable to facilities located on grade. NFPA 418 requirements are not applicable to temporary landing sites and emergency evacuation facilities.

| <u>CHK</u>               | <u>N/A</u>               | <b>I. HELISTOPS/HELIPORTS Located On Hospital Buildings</b>   |                           |
|--------------------------|--------------------------|---|---------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. All landing areas located on buildings or structures shall have at least two means of egress.  | <b>CBC Sec. 412.5.4</b>   |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Exits must be remotely located from other exits.   | <b>CBC Sec. 1015.2.1</b>  |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. When landing platforms or roof areas are less than 60' in length or less than 2,000 sq. ft. in area, the second means of egress may be a fire escape or ladder leading to the floor below.   | <b>CBC Sec. 412.5.4</b>   |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Two access points are required for fire fighting. Access by way of landing area egress is permitted. Compliance with this requirement should be verified with the local fire authority.  | <b>NFPA 418, Sec. 3.5</b> |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Landing areas shall be sloped to confine fuel spills to the landing area and shall drain away from exits, stairways or structure housing exit or stairway.   | <b>CBC Sec. 1107.3</b>    |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Guardrails are required for roof. Guardrail height may require greater platform height.  | <b>CBC Sec. 1013.1</b>    |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Touchdown or landing areas for helicopters of less than 3,500 lbs. shall be not less than 20 feet by 20 feet. The touchdown area shall have a clear area on all sides with a minimum average width of 15' at roof level and no width less than 5'.<br><b>Note:</b> Touchdown or landing area requirements for helicopters of 3,500 lbs. and larger are enforced by the Federal Aviation Administration, Department of Transportation. See FAA A/C 150/5390-2A Heliport Design Advisory Circular January 20, 1994 for additional information. | <b>CBC Sec. 412.5.2</b>   |
| <input type="checkbox"/> | <input type="checkbox"/> | 8. At least one fire extinguisher having a minimum 80-B:C rating shall be provided at each helistop.  | <b>CFC Sec. 1107.7</b>    |
| <input type="checkbox"/> | <input type="checkbox"/> | 9. Foam fire-protection capabilities shall be provided for rooftop <b>heliports</b> . Such systems shall be designed, installed and maintained in accordance with the applicable provisions of CFC Sections 903, 904 and 905.   | <b>CFC Sec. 1107.5</b>    |
| <input type="checkbox"/> | <input type="checkbox"/> | 10. A class I or III standpipe (2-1/2" outlet) is required when the building is equipped with a standpipe system. All areas of a helistop or heliport area shall be located within 150 feet of the hose outlet.   | <b>CFC Sec. 1107.6</b>    |
| <input type="checkbox"/> | <input type="checkbox"/> | 11. Fire alarm pull stations are required at roof exits.  | <b>NFPA 418 Sec. 3.8</b>  |
| <input type="checkbox"/> | <input type="checkbox"/> | 12. Platform must be pitched or sloped 0.5% to 2% in order to drain away from fire fighting access points, exits, passenger holding areas and fire protection activation systems.   | <b>NFPA 418, Sec. 3.2</b> |
| <input type="checkbox"/> | <input type="checkbox"/> | 13. Construction shall be noncombustible.   | <b>CBC Sec. 412.5.3</b>   |
| <input type="checkbox"/> | <input type="checkbox"/> | 14. Construction shall be 2-hour fire-resistive if exposed to a fuel spill.   | <b>NFPA 418 Sec. 3.1</b>  |
| <input type="checkbox"/> | <input type="checkbox"/> | 15. FAA and California Department of Transportation (CALTRANS) approval is required.  | <b>CFC Sec. 1107.8</b>    |

**2007 California Building Code – Part 2, Title 24, CCR  
(2006 International Code and 2007 California Amendments)**

**2007 California Fire Code – Part 9, Title 24, CCR  
(2006 International Fire Code and 2007 California Amendments)**

**National Fire Protection Association (NFPA)  
NFPA 418 *Standard for Heliports*, 2001 Edition**

**NOTE:**

The purpose of this list is to reduce oversights and to achieve minimum levels of uniformity and completeness. The use of this reminder list does not constitute a complete plan review. Compliance with all items on this list does not necessarily assure compliance with all provisions of the applicable codes and standards. This reminder list should be used only by persons with a comprehensive knowledge of the applicable codes and standards.

OSHPD Policy Intent Notices and Code Application Notices.

<http://www.oshpd.state.ca.us/fdd/Regulation/index.htm>

OSHPD Project Review Status

<http://www.oshpd.state.ca.us/logbook/search1.asp>

OSHPD Public Use Forms

<http://www.oshpd.state.ca.us/fdd/Resources/forms/index.htm>