



CITY OF MANTECA - FIRE DEPARTMENT

FIRE PREVENTION BUREAU

1154 S. UNION ROAD • MANTECA, CA 95337

(209) 456-8340 • FAX (209) 923-8936

ROOFTOP HELIPORTS OPERATIONAL PERMIT REQUIREMENTS

105.6.42 Rooftops heliports. An operational permit is required for the operation of a rooftop heliport.

Heliport. An area of land or water or a structural surface that is used, or intended for use, for the landing and taking off of helicopters and any appurtenant areas which are used, or intended for use, for heliport buildings and other heliport facilities.

2007 HELISTOPS AND HELIPORTS

2007.2 Clearances. The touchdown area shall be surrounded on all sides by a clear area having minimum average width at roof level of 15 feet (4572 mm) but no width less than 5 feet (1524 mm). The clear area shall be maintained.

2007.3 Flammable and Class II combustible liquid spillage. Landing areas on structures shall be maintained so as to confine flammable or Class II combustible liquid spillage to the landing area itself, and provisions shall be made to drain such spillage away from exits or stairways serving the helicopter landing area or from a structure housing such exit or stairway.

2007.4 Exits. Exits and stairways shall be maintained in accordance with Section 412.5 of the *California Building Code*.

2007.5 Standpipe systems. Where a building with a rooftop helistop or heliport is equipped with a standpipe system, the system shall be extended to the roof level on which the helistop or heliport is located. All portions of the helistop and heliport area shall be within 150 feet (45 720 mm) of a 2.5-inch (63.5 mm) outlet on a Class I or III standpipe.

2007.6 Foam protection. Foam fire-protection capabilities shall be provided for rooftop heliports. Such systems shall be designed, installed and maintained in accordance with the applicable provisions of Sections 903, 904 and 905.

2007.7 Fire extinguishers. A minimum of one portable fire extinguisher having a minimum 80-B:C rating shall be provided for each permanent takeoff and landing area and for the aircraft parking areas. Installation, inspection and maintenance of these extinguishers shall be in accordance with Section 906.

2007.8 Federal approval. Before operating helicopters from helistops and heliports, approval shall be obtained from the Federal Aviation Administration.

Helistops for high-rise buildings. An approved helistop shall be provided on the roof of any high-rise building hereinafter constructed. It shall be designed and constructed in accordance with the *California Building Code* and Title 24 of the *California Code of Regulations*.

Exception: For buildings 7 – 20 stories in height, equipped with an emergency elevator evacuation system, a 50-foot by 50-foot roof clear area may be utilized in lieu of a helistop. This clear area shall be clearly marked, maintained, and is intended to provide access for low-hover, light-wheel landing emergency helicopter evacuations.

Helistops in fire hazard severity zones.

Surface. When required by the fire code official, a graded 100-foot by 100-foot pad shall be covered with reinforced concrete, with a minimum depth of 6 inches, capable of supporting 42,000 pounds.

Hydrant. When required by the fire code official, a fire hydrant shall be installed adjacent to the graded pad as approved by the fire code official.

Access. When required by the fire code official, a fire apparatus access road shall be provided in accordance with Section 503.2.1.

Additional requirements may apply.