

Private Heliport Construction Requirements

Private heliport owner / builders should be advised that Kentucky statutes and regulations stipulate safety standards for all aircraft landing sites. In general, the standards require the following at a private heliport:

1. A wind indicator discernible from 1,000ft AGL.
2. Painted markings in the landing area.
3. A landing area length, width or diameter equal to (2) two times the rotor diameter of the largest helicopter given permission to use the facility that is free from obstructions.
4. Compliance with state statutes and regulations: [KRS183.090](#), and [602 KAR Chapter 20](#) applicable to private restricted airports, heliports and all airports.
5. Site safety inspection in accordance with [KRS 183.090](#).
6. At least (1) one unobstructed approach surface with transitional surfaces. Minimum approach surface ratios are 8:1 and transitional surface ratios are 2:1.

The design and construction standards in use for heliports are contained in FAA Advisory Circular [AC 150-5390-2](#)

In addition to state requirements, 14 CFR Part 157 requires all persons to notify the FAA at least 90 days before construction by submitting a [FAA Form 7480-1](#) Notice of Landing Area Proposal. 7480-1 proposals are submitted to the FAA by the owner / builder.

We also recommend enlisting the services of an aviation consultant to guide you through the process of heliport design and construction.

After licensing, owners should notify the Department of Aviation of any substantial changes at their facilities. For additional information, please contact Joe Carter or Terry Hancock, Airport Inspections Branch at 502-564-4480 or joe.carter@ky.gov terry.hancock@ky.gov