

(b) A showing of compliance with requirements for obtaining a license under this subchapter; or

(c) Crew training before obtaining a license for a launch or reentry using the design of the rocket for which the permit would be issued.

**§ 437.7 Scope of an experimental permit.**

An experimental permit authorizes launch or reentry of a reusable sub-orbital rocket. The authorization includes pre- and post-flight ground operations as defined in this section.

(a) A pre-flight ground operation includes each operation that—

(1) Takes place at a U.S. launch site; and

(2) Meets the following criteria:

(i) Is closely proximate in time to flight,

(ii) Entails critical steps preparatory to initiating flight,

(iii) Is unique to space launch, and

(iv) Is inherently so hazardous as to warrant the FAA's regulatory oversight.

(b) A post-flight ground operation includes each operation necessary to return the reusable suborbital rocket to a safe condition after it lands or impacts.

**§ 437.9 Issuance of an experimental permit.**

The FAA issues an experimental permit authorizing an unlimited number of launches or reentries for a sub-orbital rocket design for the uses described in § 437.5.

**§ 437.11 Duration of an experimental permit.**

An experimental permit lasts for one year from the date it is issued. A permittee may apply to renew a permit yearly under part 413 of this subchapter.

**§ 437.13 Additional experimental permit terms and conditions.**

The FAA may modify an experimental permit at any time by modifying or adding permit terms and conditions to ensure compliance with 49 U.S.C. Subtitle IX, ch. 701.

**§ 437.15 Transfer of an experimental permit.**

An experimental permit is not transferable.

**§ 437.17 Rights not conferred by an experimental permit.**

Issuance of an experimental permit does not relieve a permittee of its obligation to comply with any requirement of law that applies to its activities.

**Subpart B—Requirements to Obtain an Experimental Permit**

**§ 437.21 General.**

To obtain an experimental permit an applicant must make the demonstrations and provide the information required by this section.

(a) *This subpart.* An applicant must provide a program description, a flight test plan, and operational safety documentation as required by this subpart.

(b) *Other regulations—(1) Environmental.* An applicant must provide enough information for the FAA to analyze the environmental impacts associated with proposed reusable sub-orbital rocket launches or reentries. The information provided by an applicant must be sufficient to enable the FAA to comply with the requirements of the National Environmental Policy Act, 42 U.S.C. 4321 *et seq.*, and the Council on Environmental Quality Regulations for Implementing the Procedural Provisions of the National Environmental Policy Act, 40 CFR parts 1500–1508.

(2) *Financial responsibility.* An applicant must provide the information required by part 3 of appendix A of part 440 for the FAA to conduct a maximum probable loss analysis.

(3) *Human space flight.* An applicant proposing launch or reentry with flight crew or a space flight participant on board a reusable suborbital rocket must demonstrate compliance with §§ 460.5, 460.7, 460.11, 460.13, 460.15, 460.17, 460.51 and 460.53 of this subchapter.

(c) *Use of a safety approval.* If an applicant proposes to use any reusable suborbital rocket, safety system, process, service, or personnel for which the FAA has issued a safety approval under part 414 of this subchapter, the FAA