

Commercial Space Transportation License

License No. LRLO 17-105 (Rev 4)

**Blue Origin Texas,
LLC**

is authorized, subject to the provisions of 51 U.S.C. Subtitle V, chapter 509, and the orders, rules, and regulations issued under it, to conduct launches of the New Shepard vehicle.

This license is granted subject to the terms, conditions, and limitations set forth in licensing orders A and B, and any subsequent orders or other written stipulations, issued by the Office of Commercial Space Transportation, which are hereby incorporated by reference.

The Licensee shall at all times conduct its operations in accordance with the regulations prescribed by the Office of Commercial Space Transportation for the activities authorized by the license.

Original Issue Date:	August 17, 2017
LRLO 17-105 (Rev 4) Issued:	August 10, 2023
LRLO 17-105 (Rev 4) Effective:	August 18, 2023



US Department
of Transportation
**Federal Aviation
Administration**

800 Independence Ave., SW
Washington, D.C. 20591

**MICHELLE S
MURRAY**

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Michelle S. Murray
Manager, Safety Authorization Division

LICENSE AND ORDERS REVISION HISTORY

Rev No.	Date	Section	Description
0	August 17, 2017	All	Original License Issuance
L-1	July 14, 2021	License	Revised to reflect Blue Origin Texas, LLC's launch site name change from "West Texas Launch Site (WTLS)" to "Launch Site One."
OA-1	August 15, 2019	Order A	1) Changed "Issued: August 17, 2017" to "Original Issued: August 17, 2017" and added "Rev 1 Issued: August 15, 2019" 2) Changed "Effective: August 17, 2017" to "Rev 1 Effective: August 17, 2019"
OA-2	July 14, 2021	Order A	Revised to add crew and space flight participants to 3(ii), and to reflect Blue Origin Texas, LLC's launch site name change from "West Texas Launch Site (WTLS)" to "Launch Site One."
OA-3	August 13, 2021	Order A	Update item 5 to delete the word "original" and to add "August 17, 2021, the effective" date.
OB-1	July 14, 2021	Order B	Revised to add crew and space flight participants to 3(c), and to reflect Blue Origin Texas, LLC's launch site name change from "West Texas Launch Site (WTLS)" to "Launch Site One."
OC-1	December 6, 2019	Order C	Reference item 4, change the liability insurance amount from Six Million Dollars (\$6,000,000) to Seventy-Five Million Dollars (\$75,000,000)
OC-2	July 14, 2021	Order C	Reference item 4, change the liability insurance amount from Seventy-Five Million Dollars (\$75,000,000) to One Hundred Fifty Million Dollars (\$150,000,000).
OC-3	August 13, 2021	Order C	Update item 4 to provide the option for use of a parent guarantee in place of insurance.
4	August 10, 2023	All	License and Orders renewed and updated to new format. Effective date in License Term updated from "August 17, 2021", to "August 18, 2023". Note: entries prior to revision 4 in this table refer to changes made in the previous License and Orders format.

**Office of Commercial
Space Transportation
License Order A-1
Regarding**

Launch

**AUTHORIZED BY LICENSE NO. LRLO 17-105 (Rev 4)
ISSUED TO:
Blue Origin Texas, LLC**

License No. LRLO 17-105 (Rev 4) Order A-1 establishes the orders regarding the Launch of Blue Origin Texas, LLC's New Shepard vehicle from Launch Site One, Texas.

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1. **Authority:** This Order is issued to Blue Origin Texas, LLC under 51 U.S.C. Subtitle V, chapter 509, and 14 CFR chapter III.
 2. **Purpose:** This Order modifies License No. LRLO 17-105 (Rev 4) issued concurrently by the Federal Aviation Administration's Office of Commercial Space Transportation, authorizing Blue Origin Texas, LLC to conduct launches of its New Shepard vehicle as identified in the license application; and prescribes as conditions to License No. LRLO 17-105 (Rev 4) certain requirements applicable to launches.
 3. **Definitions:** For purposes of License No. LRLO 17-105 (Rev 4) and any orders issued by the FAA pertaining to activities covered by License No. LRLO 17-105 (Rev 4):
 - a. "Pre-flight ground operations" shall mean Blue Origin Texas, LLC's pre-flight preparations of the New Shepard vehicle at Launch Site One, Texas.
 - b. "Flight" shall commence with the intention of liftoff of a Blue Origin Texas, LLC New Shepard vehicle, beginning with ignition of the Propulsion Module from Launch Site One and transporting passive or active payloads, crew, or space flight participants on a suborbital trajectory. A flight includes fly back of the New Shepard Propulsion Module and parachute landing of the Crew Capsule, and ends upon Blue Origin Texas, LLC's last exercise of control over the vehicle, including activities necessary to return them to a safe condition on the ground.
 4. **Authorization:** In accordance with the representations in the Blue Origin Texas, LLC application as of the date of this license, and any amendments to the license application or waivers approved by the FAA, in writing, Blue Origin Texas, LLC is authorized to conduct:
 - a. Pre-flight ground operations
 - i. Using the New Shepard vehicle.
 - ii. At Launch Site One, Texas.
 - b. Flights:
 - i. Using the New Shepard vehicle.
 - ii. From Launch Site One, Texas.
 - iii. Transporting passive or active payloads, crew, or space flight participants.
 - iv. According to the launch vehicle, launch vehicle systems, and safety management program represented in the Blue Origin Texas, LLC application as of the date of this order, and any amendments to the license application approved by the FAA, in writing.

5. **Special Reporting Requirement:** In addition to all applicable reporting requirements under 14 CFR chapter III, Blue Origin Texas, LLC must identify any anomaly occurring on a prior launch conducted under this license that could be material to public safety no later than 15 days before any flight is conducted.
6. **License Term:** License No. LRLO 17-105 (Rev 4) terminates two (2) years from August 18, 2023, the effective date of this license order.

**OFFICE OF COMMERCIAL SPACE TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**

**Office of Commercial
Space Transportation
License Order B-1
Regarding**

**AUTHORIZED BY LICENSE NO. LRLO 17-105 (Rev 4)
ISSUED TO:
Blue Origin Texas, LLC**

**FINANCIAL RESPONSIBILITY
REQUIREMENTS**

License No. LRLO 17-105 (Rev 4) Order B-1 establishes the orders regarding the financial responsibility requirements of Blue Origin Texas, LLC's New Shepard vehicle Launch from Launch Site One, Texas.

1. **Authority:** This Order is issued to Blue Origin Texas, LLC under 51 U.S.C. Subtitle V, chapter 509, and 14 CFR part 440.
2. **Purpose:** This Order modifies License No. LRLO 17-105 (Rev 4) issued concurrently by the Federal Aviation Administration's Office of Commercial Space Transportation, by prescribing financial responsibility requirements for licensed launch activities in accordance with 14 CFR part 440.
3. **Definitions:** For purposes of this Order, "licensed launch activities" shall mean activities authorized by the License. Other terms used in this Order are defined in accordance with 14 CFR § 440.3.
4. **Financial Responsibility:** Blue Origin Texas, LLC shall maintain a form of financial responsibility as articulated in paragraphs (a) or (b) below, for the Maximum Probable Loss (MPL) amount of One Hundred Fifty Million Dollars (\$150,000,000) for covered claims resulting from pre-flight ground operations or flight of the New Shepard vehicle from Blue Origin, Texas LLC's Launch Site One.
 - a. **Parent Guarantee:** The Parent Guarantor shall execute a guarantee on behalf of Blue Origin Texas, LLC. This instrument shall guarantee all necessary and required resources for compliance with FAA's financial responsibility requirements, specifically in the amount of the MPL, as determined by the FAA for operations under LRLO 17-105.
 - i. The entire MPL amount associated with Blue Origin Texas, LLC's LRLO 17-105 shall be deposited in an account as liquid assets.
 - ii. The account shall have limited access permissions. The only individuals able to access the funds shall be the Chief Executive Officer and Chief Financial Officer of Blue Origin Texas, LLC, and an executive officer of the Parent Guarantor.
 - iii. Prior to each launch to be conducted under the guarantee, Blue Origin Texas, LLC shall provide FAA no later than L-10 an account statement evidencing the availability of the MPL funds.
 - iv. Prior to the first launch to be conducted under the guarantee, Blue Origin Texas, LLC shall affirmatively represent and warrant the following:
 1. The MPL funds will be unobligated and unencumbered;
 2. The MPL funds will not be used or deployed for anything other than claims for a covered loss;
 3. The MPL funds will not be subject to any liens;
 4. The MPL funds will not be used as collateral for any debt or transaction; and

5. The use of the MPL funds are not subordinate to any other claims on those funds.
 - v. Prior to the first launch to be conducted under the guarantee, Blue Origin Texas, LLC shall provide FAA an unqualified legal opinion in the customary form from an independent law firm regarding the binding and enforceable nature of the parent guarantee, as executed. Blue Origin Texas, LLC shall notify the FAA if the contents of this legal opinion are rendered inaccurate for any reason. If Blue Origin Texas, LLC cannot obtain an unqualified legal opinion, it may obtain a qualified legal opinion, subject to the approval of the Associate Administrator for the Office of Commercial Space Transportation.
 - vi. In the event of bankruptcy or insolvency of Blue Origin Texas, LLC, the Parent Guarantor shall not be relieved of any of its obligations under the parent guarantee.
 - vii. In the event of an incident, accident, or mishap, as defined in regulation, during licensed activities or when directed by the Associate Administrator for the Office of Commercial Space Transportation, the parent guarantee shall remain in place. Blue Origin Texas, LLC shall maintain in the account a portion of the MPL funds commensurate with the estimated loss or damages determined in consultation with the Associate Administrator for the Office of Commercial Space Transportation. Blue Origin Texas, LLC shall utilize a reasonable claims administration process. MPL funds shall be available to compensate claims at any time claims may arise.
- b. Liability Insurance: Alternatively, Blue Origin Texas, LLC shall maintain a policy or policies of liability insurance in accordance with 14 CFR § 440.9(b) in the amount of the MPL, as determined by the FAA for operations under LRLO 17-105.