

Commercial Space Transportation License

License No. VOL 23-131 Rev. 1

Stratolaunch, 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 Roc and Talon vehicles.

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:	December 21, 2023
VOL 23-131 Rev. 1 Revised:	January 16, 2024
VOL 23-131 Rev. 1 Effective:	January 16, 2024



US Department
of Transportation
**Federal Aviation
Administration**

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

MICHELLE S MURRAY

Digitally signed by MICHELLE S MURRAY
Date: 2024.01.16 16:47:15 -05'00'

Michelle S. Murray
Manager, Safety Authorization Division

LICENSE AND ORDERS REVISION HISTORY

Rev No.	Date	Section	Description
0	December 21, 2023		Original Issuance
1	January 16, 2024	All Sections	Added Rev. 1 to all instances of License No. VOL 23-131.
		License	Issued and Effective dates changed to "January 16, 2024."
		Order B-1	<ol style="list-style-type: none">1. Moved "to the Pacific Ocean and the Roc back to Mojave Air and Space Port" from paragraph 4a to paragraph 4b.2. Removed paragraph 5 "Covered Government Property."

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

Launch

**AUTHORIZED BY LICENSE NO. VOL 23-131 Rev. 1
ISSUED TO:
Stratolaunch, LLC**

License No. VOL 23-131 Rev. 1 Order A-1 establishes the orders regarding the launch of Stratolaunch, LLC's Roc and Talon vehicle from Mojave Air and Space Port to the Pacific Ocean and the Roc back to Mojave Air and Space Port.

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1. **Authority:** This Order is issued to Stratolaunch, LLC under 51 U.S.C. Subtitle V, chapter 509, and 14 CFR chapter III.
 2. **Purpose:** This Order modifies License No. VOL 23-131 Rev. 1 issued concurrently by the Federal Aviation Administration's Office of Commercial Space Transportation, authorizing Stratolaunch, LLC to conduct the launch of its Roc and Talon vehicles as identified in the license application; and prescribes as conditions to License No. VOL 23-131 Rev. 1 certain requirements applicable to launch.
 3. **Definitions:** For purposes of License No. VOL 23-131 Rev. 1 and any orders issued by the FAA pertaining to activities covered by License No. VOL 23-131 Rev. 1:
 - a. "Pre-flight ground operations" means the pre-flight activities to prepare the Roc and Talon vehicle for launch beginning at Talon oxidizer loading at Mojave Air and Space Port.
 - b. "Flight" of the Roc and Talon vehicle starts at Roc brake release when there is intent to launch Talon. A flight ends upon Roc and Talon impact or landing on Earth. For landing, flight ends at wheels stop for both vehicles, whichever occurs latest.
 - c. "Launch" means pre-flight ground operations, flight, and post-flight activities necessary to return the Roc and Talon to a safe condition on the Earth after impact or landing and after activities necessary to return the site to a safe condition, whichever occurs latest.
 4. **Authorization:** In accordance with the representations in the Stratolaunch, LLC application as of the date of this license, and any amendments to the license application or waivers approved by the FAA, in writing, Stratolaunch, LLC is authorized to conduct:
 - a. Pre-flight ground operations
 - i. Using the Roc and Talon vehicle.
 - ii. From Mojave Air and Space Port.
 - b. Flights:
 - i. Using the Talon vehicle, in combination with the Roc carrier aircraft that must hold a valid FAA experimental airworthiness certificate and must operate in accordance with the operating limitations of that certificate.
 - ii. From Mojave Air and Space Port with Talon landing in to the Pacific Ocean and the Roc back to Mojave Air and Space Port.
 - iii. For the first flight only, unless this license is modified to remove this term.

- iv. Transporting non-deployed Payload 1, 2, and 3 on the Talon vehicle.
- v. Returning the Roc carrier aircraft to Mojave Air and Space Port.

5. **Special Reporting Requirement:**

- a. Stratolaunch, LLC must identify and report any anomaly during any pre-flight ground operations of the vehicle that could be material to public health and safety and the safety of property within 90 days.
- b. Stratolaunch, LLC must provide FAA with the location and fate of the expended stage within 30 days of each launch using an approved plan that is submitted to the FAA at least 14 days prior to launch.

6. **Responsibility and Authority of Pilot In Command:**

- a. Prior to flight, Stratolaunch, LLC must designate the pilot in command of the Roc vehicle who is directly responsible for, and is the final authority as to, the operation of that vehicle.
- b. In an in-flight emergency requiring immediate action, the pilot in command may deviate from any requirement of this License and Order to the extent required to meet that emergency.
- c. Each pilot in command who deviates from a requirement of this License and Order must, upon request, send a written report of that deviation to the FAA's Safety Authorization Division Manager.

7. **License Term:** License No. VOL 23-131 Rev. 1 terminates five (5) years from December 21, 2023.

OFFICE OF COMMERCIAL SPACE TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

**Financial Responsibility
Requirements**

AUTHORIZED BY LICENSE NO. VOL 23-131 Rev. 1
ISSUED TO:
Stratolaunch, LLC

License No. VOL 23-131 Rev. 1 Order B-1 establishes the orders regarding the financial responsibility requirements of Stratolaunch, LLC's Roc and Talon vehicle launch from Mojave Air and Space Port to the Pacific Ocean and the Roc back to Mojave Air and Space Port.

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1. **Authority**: This Order is issued to Stratolaunch, LLC under 51 U.S.C. Subtitle V, chapter 509, and 14 CFR part 440.
 2. **Purpose**: This Order modifies License No. VOL 23-131 Rev. 1 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. **Liability Insurance**: Stratolaunch, LLC shall maintain a policy or policies of liability insurance in accordance with 14 CFR § 440.9(b) in the amount of:
 - a. Three Million Dollars \$3,000,000 for covered claims resulting from pre-flight ground operations performed at Mojave Air and Space Port, and
 - b. Forty-Five Million Dollars \$45,000,000 for covered claims resulting from the flight of the Roc and Talon launch vehicle from Mojave Air and Space Port to the Pacific Ocean and the Roc back to Mojave Air and Space Port.
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**OFFICE OF COMMERCIAL SPACE TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**