

# Commercial Space Transportation License

License Number: LSO 02-007 Rev 4)

## VIRGINIA COMMERCIAL SPACE FLIGHT AUTHORITY

is authorized, subject to the provisions of 51 USC Subtitle V, ch. 509, and the orders, rules, and regulations issued under it, to operate a launch site.

General. The licensee is authorized, as defined herein, to operate Launch Complex 0 as a launch site at National Aeronautics and Space Administration, Goddard Space Flight Center, Wallops Flight Facility, Wallops Island, Virginia.

**This license is granted subject to the terms, conditions, and limitations set forth in licensing order A, and any subsequent orders issued by the Office of Commercial Space Transportation.**

**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 this license.**



US Department  
of Transportation  
**Federal Aviation  
Administration**

800 Independence Ave., SW  
Washington, DC 20591

**Original Issued On: December 18, 2002**  
**Revision 4 Issued On: December 15, 2022**  
**Revision 4 Effective On: December 19, 2022**

**MICHELLE S  
MURRAY**

Digitally signed by  
MICHELLE S MURRAY  
Date: 2022.12.15 18:00:54  
-05'00'

**Manager, Safety Authorization Division**

**Revision History**

Original License - Issued December 18, 2002

Revision 1 - Issued December 14, 2011

- 1) Due to transfer of code, redesignated Authority to read: "51 USC, Subtitle V, Ch. 509".
- 2) Replaced "Associate Administrator for" with "Office of" prior to all the name Commercial Space Transportation.

Revision 2 - Issued November 28, 2012

- 1) Added revision number for licensing order A.

Revision 3 - Issued December 14, 2022

- 1) Removed revision number for licensing order A.

Revision 4 - Issued December 15, 2022

- 1) Changed "Launch Complex 0 (Launch Pad 0-A and Launch Pad 0-B)" to "Launch Complex 0".

**OFFICE OF COMMERCIAL SPACE TRANSPORTATION**

**LICENSE ORDER REGARDING OPERATION OF A  
LAUNCH SITE**

**AUTHORIZED BY LICENSE NO. LSO 02-007 (Rev 3)  
ISSUED TO**

**VIRGINIA COMMERCIAL SPACE FLIGHT AUTHORITY**

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1. Authority: This Order is issued to Virginia Commercial Space Flight Authority (referred to as VCSFA or the licensee) under 51 U.S.C. Subtitle V, chapter 509, and the Commercial Space Transportation Licensing Regulations (Regulations), 14 C.F.R. Ch. III.
2. Purpose: This Order modifies License No. LSO 02-007 (Rev 4), issued on December 15, 2022, by the Office of Commercial Space Transportation (AST) authorizing VCSFA to operate Launch Complex 0, which is part of Mid-Atlantic Regional Spaceport (MARS), as a launch site at National Aeronautics and Space Administration, Goddard Space Flight Center, Wallops Flight Facility, Wallops Island, Virginia, and prescribes as conditions to License No. LSO 02-007 (Rev 3), certain additional requirements applicable to the authorization.
3. Authorization: VCSFA is authorized to operate a launch site at Launch Complex 0:
  - (a) for U.S. Government or FAA-licensed or permitted launches; and
  - (b) as required by 14 C.F.R. § 420.51, in accordance with the representations in VCSFA's license application, and any subsequent amendments approved by AST as of the date of this Order, and any modifications to the license issued by the FAA under 14 C.F.R. § 420.47.

4. License Term: The term of License No. LSO 02-007 (Rev 4) authorizing VCSFA to operate a launch site at Launch Complex 0 is five (5) years from December 19, 2022, the effective date of its renewal.

OFFICE OF COMMERCIAL SPACE TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

By: MICHELLE S MURRAY Digitally signed by MICHELLE S MURRAY  
Date: 2022.12.15 18:01:35 -05'00'  
Michelle S. Murray, Manager  
Safety Authorization Division

Original Issued: December 18, 2002  
Rev 7 Issued: December 15, 2022  
Rev 7 Effective: December 19, 2022

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**Revision History:**

Original License Order - Issued December 18, 2002

Revision 1 - Issued December 14, 2007

- 1) In paragraph 2, changed "amends License No. LSO 02-007, issued concurrently" to "modifies License No. LSO 02-007, issued on December 18, 2002."
- 2) In paragraph 2, added the reference of Launch Complex 0 as part of Mid-Atlantic Regional Spaceport (MARS). Paragraphs 5 and 6 change to reflect change in facility name from Virginia Space Flight Center (VSFC) to MARS.
- 3) In paragraph 7, changed the term of the authorization from originating on the effective date of the original license to originating on the renewal date of December 19, 2007.

Revision 2 - Issued December 14, 2011

- 1) In paragraph 2, changed "Associate Administrator for" to "Office of".
- 2) In paragraph 4a, changed "8,400 lbs" to "11,100 lbs".
- 3) In paragraph 4b, changed "A-02-VSC-103" to "A-02-VSC-103-R2".

**License Order No. LSO 02-007A (Rev 7)**

- 4) In paragraph 4c, delete "dated September 2002, for MARS which shall include, Safety Operating Plans for MARS Assembly and Launch Operations,".
- 5) Emergency Response Plans, and Operational Procedures for MARS" and replaced with "current issue".
- 6) In paragraph 6d, added "in conjunction with the lightning protection poles and their grounding system".
- 7) In paragraph 7, changed "LSO 02-007" to "LLS02-007(Rev 1)", and changed "the renewal" to "its renewal".
- 8) Redesignated License Order No. "LLO 01-007A (Rev 1)" to "LLO 01-007(Rev 2)".

Revision 3 - Issued November 28, 2012

- 1) In paragraph 2, changed License No. "LSO 02-007 issued on December 18, 2002" to "LSO 02-007(Rev 1) issued on December 14, 2011."
- 2) Eliminated paragraphs 3, 5, and 6 because they repeat what 14 CFR part 420 already requires, and renumbered paragraphs 4 and 7 as 3 and 4, respectively.
- 3) In revised paragraph 4, changed "December 19, 2007" to "December 19, 2012".

Revision 4 - Issued August 19, 2014

- 1) In paragraph 2, changed "LSO 02-007(Rev 1) issued on December 14, 2011" to "LSO 02-007(Rev 2) issued on November 28, 2012".
- 2) In paragraph 3a, changed entire paragraph to "for U.S. Government or FAA-licensed or permitted launches; and".

Revision 5 - Issued December 19, 2017

- 1) In paragraph 4, changed "December 19, 2012" to "December 19, 2017".
- 2) Changed the Issued date to "December 7, 2017" and the Effective date to "December 19, 2017".

Revision 6 - Issued December 14, 2022

- 1) In paragraph 2, changed "(Rev 2), issued on November 28, 2012" to "(Rev 3), issued on December 14, 2022".
- 2) In paragraph 4, changed "December 19, 2017" to "December 19, 2022".
- 3) Changed the Issued date to "December 14, 2022" and the Effective date to "December 19, 2022".

**License Order No. LSO 02-007A (Rev 7)**

Revision 7 - Issued December 15, 2022

- 1) In paragraphs 2, 3, and 4, changed "Launch Complex 0 (Launch Pad 0-A and Launch Pad 0-B)" to "Launch Complex 0".
- 2) In paragraph 2, changed "LSO 02-007 (Rev 3), issued on December 14, 2022" to "LSO 02-007 (Rev 4), issued on December 15, 2022".
- 3) In paragraph 4, changed "(Rev 3)" to "(Rev 4)".