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# Commercial Space Transportation License

License Number: LLS 14-088

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## SPACE EXPLORATION TECHNOLOGIES

is authorized, subject to the provisions of 51 USC Subtitle V, ch. 509, and the orders, rules, and regulations issued under it, to conduct launches.

General. Space Exploration Technologies is authorized to conduct:

- (i) One flight of the Dragon Pad Abort Test launch vehicle from Complex 40 at Cape Canaveral Air Force Station (CCAFS) on a sub-orbital trajectory; and
- (ii) pre-flight ground operations at CCAFS associated with the flight, as identified in paragraph (i) of this license, of the Dragon Pad Abort Test launch vehicle.

**This license is granted subject to the terms, conditions, and limitations set forth in licensing orders A, B, C, and D 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.**

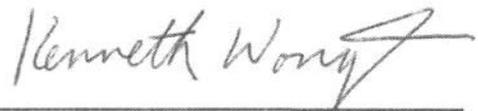


US Department  
of Transportation  
**Federal Aviation  
Administration**

800 Independence Ave., S.W.  
Washington, D.C. 20591

Issued On: March 7, 2014

Effective On: March 7, 2014

  
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Manager, Licensing and Evaluation Division

**License Order No. LLS 14-088A (Rev 1)**

OFFICE OF  
COMMERCIAL SPACE TRANSPORTATION  
LICENSE ORDER REGARDING

**LAUNCH**

AUTHORIZED BY LICENSE NO. LLS 14-088  
ISSUED TO

SPACE EXPLORATION TECHNOLOGIES

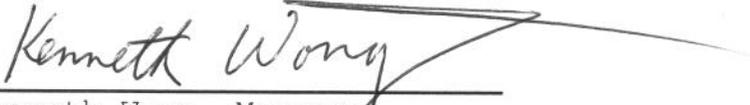
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1. Authority: This Order is issued to Space Exploration Technologies, referred to as SpaceX, under 51 U.S.C. subtitle V, chapter 509, and 14 C.F.R. Ch. III.
2. Purpose: This Order modifies License No. LLS 14-088, originally issued March 7, 2014, by the Federal Aviation Administration's Office of Commercial Space Transportation, authorizing SpaceX to conduct a launch of the Dragon pad abort test launch vehicle; and prescribes as conditions to License No. LLS 14-088 certain requirements applicable to the launch.
3. Definitions: For purposes of License No. LLS 14-088 and any orders issued by the FAA pertaining to activities covered by License No. LLS 14-088:
  - (i) "Flight" shall mean the flight of the Dragon pad abort test launch vehicle, commencing with its ignition from Cape Canaveral Air Force Station (CCAFS) on a sub-orbital trajectory. The flight is concluded upon the landing of the Dragon pad abort test launch vehicle and after completion of activities necessary to return it to a safe condition.
  - (ii) "Pre-flight ground operations" shall mean SpaceX's pre-flight preparations of the Dragon pad abort test launch vehicle at CCAFS, beginning with the arrival of the Dragon pad abort test vehicle at CCAFS.

**License Order No. LLS 14-088A (Rev 1)**

4. License Term: The license terminates upon completion of the launch authorized by the license, or on December 31, 2015, whichever comes first.

OFFICE OF COMMERCIAL SPACE TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

By:   
Kenneth Wong, Manager  
Licensing and Evaluation Division

Issued On: January 15, 2015  
Effective On: January 15, 2015

**Revision History:**

Original License Order A - issued March 7, 2014

Revision 1 - Issued January 15, 2015

- 1) Paragraph 2, replaced "currently issued" with "originally issued on March 7, 2014".
- 2) Paragraph 4, replaced "one (1) year from the effective date of this license order", with "on December 31, 2015", to extend the term of the license.

License Order No. LLS 14-088B

OFFICE OF  
COMMERCIAL SPACE TRANSPORTATION  
LICENSE ORDER REGARDING

**FLIGHT**

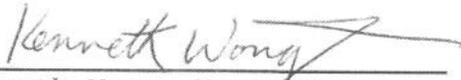
AUTHORIZED BY LICENSE NO. LLS 14-088  
ISSUED TO

SPACE EXPLORATION TECHNOLOGIES

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1. Authority: This Order is issued to Space Exploration Technologies, referred to as SpaceX, under 51 U.S.C. subtitle V, chapter 509, and 14 C.F.R. Ch. III.
2. Purpose: This Order modifies License No. LLS 14-088 issued concurrently by the Federal Aviation Administration's Office of Commercial Space Transportation, authorizing SpaceX to conduct a launch of the Dragon pad abort test vehicle; and prescribes as conditions to License No. LLS 14-088 certain requirements applicable to the authorization to conduct the flight of the launch vehicle.
3. Authorization: SpaceX is authorized to conduct a flight of the launch vehicle:
  - (a) Using a Dragon pad abort test launch vehicle;
  - (b) From Cape Canaveral Air Force Station (CCAFS), Florida;
  - (c) On a suborbital trajectory for a water landing; and
  - (d) According to the launch vehicle, launch vehicle systems, and safety management program represented in the SpaceX application as of the date of this order, and any amendments to the license application approved by the FAA, in writing.

OFFICE OF COMMERCIAL SPACE TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

By:   
Kenneth Wong, Manager  
Licensing and Evaluation Division

Issued On: March 7, 2014

Effective On: March 7, 2014

OFFICE OF  
COMMERCIAL SPACE TRANSPORTATION  
LICENSE ORDER REGARDING

**PRE-FLIGHT GROUND OPERATIONS**

AUTHORIZED BY LICENSE NO. LLS 14-088  
ISSUED TO

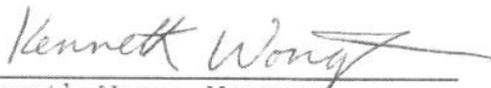
SPACE EXPLORATION TECHNOLOGIES

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1. Authority: This Order is issued to Space Exploration Technologies, referred to as SpaceX, under 51 U.S.C. subtitle V, chapter 509, and 14 C.F.R. Ch. III.
2. Purpose: This Order modifies License No. LLS 14-088 issued concurrently by the Federal Aviation Administration's Office of Commercial Space Transportation, authorizing SpaceX to conduct a launch of the Dragon pad abort test launch vehicle; and prescribes as conditions to License No. LLS 14-088 certain requirements applicable to the authorization to conduct pre-flight ground operations.
3. Authorization: SpaceX is authorized to conduct pre-flight ground operations at CCAFS associated with the launch of the Dragon pad abort test launch vehicle.

OFFICE OF COMMERCIAL SPACE TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

By:

  
Kenneth Wong, Manager  
Licensing and Evaluation Division

Issued On: March 7, 2014

Effective On: March 7, 2014

OFFICE OF  
COMMERCIAL SPACE TRANSPORTATION  
LICENSE ORDER REGARDING

**FINANCIAL RESPONSIBILITY REQUIREMENTS**

Under License No. LLS 14-088  
Issued to

SPACE EXPLORATION TECHNOLOGIES

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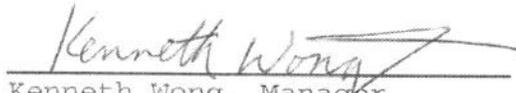
1. Authority: This Order is issued to Space Exploration Technologies, referred to as SpaceX, under 51 U.S.C. Subtitle V, chapter 509, and 14 C.F.R. part 440.
2. Purpose: This Order modifies License No. LLS 14-088 issued concurrently by the Federal Aviation Administration's Office of Commercial Space Transportation, by prescribing financial responsibility requirements for licensed launch activities in accordance with 14 C.F.R. 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 C.F.R. § 440.3.
4. Liability Insurance: SpaceX shall maintain a policy or policies of liability insurance (or otherwise demonstrate financial responsibility) in accordance with 14 C.F.R. § 440.9(b) in the amount of:
  - (a) Three Million Dollars (\$3,000,000) for covered claims resulting from flight of the Dragon pad abort test launch vehicle from Cape Canaveral Air Force Station (CCAFS) and
  - (b) Twelve Million Dollars (\$12,000,000) for covered claims resulting from pre-flight operations performed at CCAFS.

License Order No. LLS 14-088D

5. Government Property Insurance: SpaceX shall maintain a policy or policies of insurance (or otherwise demonstrate financial responsibility) in accordance with 14 C.F.R § 440.9(d) in the amount of:
- (a) Ten Million Dollars (\$10,000,000) for covered claims resulting from flight of the Dragon pad abort test launch vehicle from CCAFS and
  - (b) One Million Dollars (\$1,000,000) for covered claims resulting from pre-flight operations performed at CCAFS.
6. Covered property includes all property owned, leased, or occupied by, or within the care, custody, or control of, the United States and its agencies, and its contractors and subcontractors involved in licensed launch activities, at CCAFS.

OFFICE OF COMMERCIAL SPACE TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

By:

  
Kenneth Wong, Manager  
Licensing and Evaluation Division

Issued on: March 7, 2014

Effective on: March 7, 2014