Commercial Space Transportation License

License Number: LRLO 12-080

ARMADILLO AEROSPACE

is authorized, subject to the provisions of 51 USC Subtitle V, ch. 509, and the orders, rules, and regulations issued under it, to conduct suborbital reusable launch vehicle (RLV) missions.

General. Armadillo Aerospace is authorized to conduct:

(i) flights of STIG B vehicles from the launch pad located at latitude 32.943694°N and longitude 106.922361°W at Spaceport America, New Mexico, transporting scientific payloads; and

(ii) pre-flight ground operations at Spaceport America associated with the flights of STIG B vehicles.

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: July 24, 2012

Effective On: July 24, 2012

Kenneth Wong

Manager, Licensing and Evaluation Division

OFFICE OF
COMMERCIAL SPACE TRANSPORTATION
LICENSE ORDER REGARDING

REUSABLE LAUNCH VEHICLE (RLV) MISSIONS

AUTHORIZED BY LICENSE NO. LRLO 12-080
ISSUED TO

ARMADILLO AEROSPACE

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1. Authority: This Order is issued to Armadillo Aerospace, referred to as Armadillo, under 51 U.S.C. subtitle V, chapter 509 and 14 C.F.R. Ch. III.

2. Purpose: This Order modifies License No. LRLO 12-080, issued concurrently by the Federal Aviation Administration's Office of Commercial Space Transportation, authorizing Armadillo to conduct suborbital missions of STIG B reusable launch vehicles; and prescribes as conditions to License No. LRLO 12-080 certain requirements applicable to the missions.

3. Definitions: For purposes of License No. LRLO 12-080 and any orders issued by the FAA pertaining to activities covered by License No. LRLO 12-080:

   (i) "Flight" shall mean the flight of a STIG B vehicle commencing with its ignition at Spaceport America (SPA) for the purpose of transporting scientific payloads to a suborbital altitude. A flight is concluded upon STIG B's recovery following a launch, including the safing of STIG B vehicle.

   (ii) "Pre-fight ground operations" shall mean Armadillo's pre-flight preparations of the STIG B vehicle at SPA beginning with the arrival of the STIG B vehicle at SPA.

4. Verification Test Data: Armadillo must complete and make available to the FAA, prior to launch, any and all verification test data identified in its license application that verifies risk mitigation and elimination measures.

5. License Term: The term of License No. LRLO 12-080 authorizing Armadillo to conduct suborbital RLV missions is two (2) years from July 24, 2012.

OFFICE OF COMMERCIAL SPACE TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

By: Kenneth Wong

Kenneth Wong, Manager
Licensing and Evaluation Division

Issued On: July 24, 2012
Effective On: July 24, 2012

OFFICE OF
COMMERCIAL SPACE TRANSPORTATION
LICENSE ORDER REGARDING

FLIGHT

AUTHORIZED BY LICENSE NO. LRLO 12-080
ISSUED TO

ARMADILLO AEROSPACE

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1. Authority: This Order is issued to Armadillo Aerospace, referred to as Armadillo, under 51 U.S.C. subtitle V, chapter 509, and 14 C.F.R. Ch. III.

2. Purpose: This Order modifies License No. LRLO 12-080, issued concurrently by the Federal Aviation Administration's Office of Commercial Space Transportation, authorizing Armadillo to conduct suborbital missions of STIG B reusable launch vehicles; and prescribes as conditions to License No. LRLO 12-080 certain requirements applicable to the authorization to conduct flights.

3. Authorization: Armadillo is authorized to conduct flights of STIG B reusable launch vehicles:

   a) From Spaceport America (SPA), New Mexico;

   b) On the ground track and trajectory presented in the license application; and

   c) Transporting scientific payloads to a suborbital altitude.

OFFICE OF COMMERCIAL SPACE TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

By: Kenneth Wong
Kenneth Wong, Manager
Licensing and Evaluation Division

Issued On: July 24, 2012
Effective On: July 24, 2012

License Order No. LRLO 12-080C

OFFICE OF
COMMERCIAL SPACE TRANSPORTATION
LICENSE ORDER REGARDING

PRE-FLIGHT GROUND OPERATIONS

AUTHORIZED BY LICENSE NO. LRLO 12-080
ISSUED TO

ARMADILLO AEROSPACE

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1. Authority: This Order is issued to Armadillo Aerospace, referred to as Armadillo, under 51 U.S.C. subtitle V, chapter 509, and 14 C.F.R. Ch. III.

2. Purpose: This Order modifies License No. LRLO 12-080, issued concurrently by the Federal Aviation Administration's Office of Commercial Space Transportation, authorizing Armadillo to conduct suborbital missions of STIG B reusable launch vehicles; and prescribes as conditions to License No. LRLO 12-080 certain requirements applicable to the authorization to conduct pre-flight ground operations.

3. Authorization: Armadillo is authorized to conduct pre-flight ground operations at Spaceport America, New Mexico associated with the launch of scientific payloads on STIG B reusable launch vehicles.

OFFICE OF COMMERCIAL SPACE TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

By: Kenneth Wong
Kenneth Wong, Manager
Licensing and Evaluation Division

Issued On: July 24, 2012
Effective On: July 24, 2012

OFFICE OF
COMMERCIAL SPACE TRANSPORTATION
LICENSE ORDER REGARDING

FINANCIAL RESPONSIBILITY REQUIREMENTS

Under License No. LRLO 12-080
Issued to

ARMADILLO AEROSPACE

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1. Authority: This Order is issued to Armadillo Aerospace, referred to as Armadillo, under 51 U.S.C. Subtitle V, chapter 509, and 14 C.F.R. part 440.

2. Purpose: This Order modifies License No. LRLO 12-080, 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 by 14 C.F.R. § 440.3.

4. Liability Insurance: Armadillo 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 and Three Hundred Thousand Dollars ($3,300,000) for covered claims resulting from flight of the STIG B reusable launch vehicle from Spaceport America (SPA).

(b) Three Million Dollars ($3,000,000) for covered claims resulting from pre-flight operations performed at SPA.

OFFICE OF COMMERCIAL SPACE TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

By: Kenneth Wong

Kenneth Wong, Manager
Licensing and Evaluation Division

Issued On: July 24, 2012
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