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**Memorandum of Understanding
between
Vector Launch Inc. dba "Vector"
and
Spaceport Camden**

Scope

This Memorandum of Understanding (MOU) addresses a collaboration between Vector Launch, Inc., dba "Vector" and Spaceport Camden of Camden County, GA. The objective is to evaluate and promote the potential for Vector to eventually conduct commercial launch operations at Spaceport Camden using its Vector-R and Vector-H small launch vehicles.

Period of Effectivity

21 March 2017 (TBR) to 31 December 2017.

Points of Contact

Vector and associates

Corporate: Jim Cantrell (CEO)
Financial: Ken Sunshine (CFO)
Technical: John Garvey
Marketing: Shaun Coleman,
along with representatives from Barokas
Bus. Ops: Carole Leon

Spaceport Camden and associates

Project Lead: Steve Howard
Technical: Andrew Nelson, Glenn Law
(The Aerospace Corporation)
PR: John Simpson

Reference Documents

- existing Non-Disclosure Agreement between Vector and Spaceport Camden
- existing Non-Disclosure Agreement between Vector and The Aerospace Corporation
- existing Non-Disclosure Agreement between Vector and Andrew Nelson (TBR)
- Vector-R design, performance summary (inputs already provided to Aerospace)
- NASA STTR Phase III contract (TBD - might not be executed still for a while)

Item 1: Pathfinder Demonstration Operations

Vector is bringing the full-scale Mechanical Engineering Unit (MEU) of the Vector-R and the associated Transporter-Erector-Launcher (TEL) to Spaceport Camden on Friday, 24 March 2017, to conduct an initial set of ground operations. These are intended to

- a) introduce the Vector-R launch system and concept of operations (CONOPS) to key members of the Spaceport Community
- b) stimulate discussions regarding future launch operations
- c) familiarize Vector personnel with Spaceport Camden
- d) generate content for media outreach
- e) introduce Vector to the local and state media organization

Item 2: Initial "Sub Suborbital" Low Altitude Flight Test

Vector is conducting a series of near-term, incremental low-altitude flight tests to validate technology, mature procedures and evaluate candidate launch sites.

The next of these featuring the "B0.001 / P-19H" full-scale test vehicle is scheduled for early April.

Vector and Spaceport Camden will pursue conducting the subsequent flight test at Camden with a similar vehicle. Such an operation would be performed under a CFR Part 101 Waiver. Vector will work with

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Spaceport Camden to derive the required documents and FAA waiver request from similar documents already prepared for other flight operations.

This flight test could also involve NASA participation related to advanced engine technology.

The target time frame for this flight attempt is May - June of 2017, contingent upon the Part 101 waiver request being granted by the FAA.

Item 3: Orbital Launch Operations

Vector and Spaceport Camden will develop a plan and overall CONOPS for orbital launches beginning in late 2018. Vector is supporting Spaceport Camden's analysis tasks that are being conducted by The Aerospace Corporation as part of its launch site operator license request to the FAA Office of Commercial Space Transportation (AST).

Item 4: Generation of Letter of Intent, Launch Services Agreement

As the activities proceed, it is expected that this MOU will eventually be complemented by and/or replaced by one or more Letter(s) of Intent (LOI) and/or one Launch Services Agreement(s) (LSA)

Item 5: Public Relations Strategy

Announcement 1: Spaceport Camden to draft and release a press release announcing a joint partnership between Vector and Camden and Vector's intention to conduct one or more low altitude test launches subject to an FAA Part 101 waiver, starting in summer 2017. Press release to be sent on PR Newswire on March 28, 2017. Camden to provide a supportive quote in this announcement by the Governor of Georgia and one other high level official. Vector to provide a CEO level quote. Camden and Vector to provide spokespeople for follow-on press briefings as a result of this announcement.

Announcement 2: Vector to announce its anticipated successful first launch of its Vector-R launch vehicle at FAR Mojave site on or around April 3, 2017. Spaceport Camden to provide a supporting quote from a executive level spokesman in this Vector press release. Camden to provide a spokesperson for follow-on press briefings as a result of this announcement.

Announcement 3: Date TBD. Vector and Spaceport Camden commit to announce specifics of subsequent launches to occur in 2017 and 2018 once dates have been confirmed.

VECTOR LAUNCH, INC.

Spaceport Camden

By: John M. Garvey

Name: John M. Garvey

Title: Chief Technology Officer

Address: 824 E. 16TH Street
Tucson, AZ 85719

By: James H. Starling

Name: JAMES H. STARLING
Chairman

Title: CAMDEN COUNTY COMMISSIONER

Address: 200 E. 4TH STREET
WOODBINE, GA 31569

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