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# LAUNCH VEHICLE MARKET POTENTIAL

A REPORT IN CONFIDENCE TO  
CST MEMBERS, ASSOCIATES  
AND CUSTOMERS

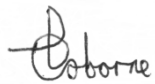
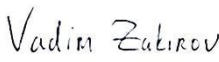


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Commercial Space Technologies Ltd  
67 Shakespeare Road, Hanwell, London W7 1LU  
Tel: 020 8840 1082 Fax: 020 8840 7776 E-mail: [cst@commercialspace.co.uk](mailto:cst@commercialspace.co.uk)



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	NAME	FUNCTION	SIGNATURE	DATE
<b>Prepared by:</b>	R.D. Osborne	Analyst		03/07/2017
	V. Zakirov	Analyst		03/07/2017
<b>Reviewed by:</b>	A.L. Webb	Manager		03/07/2017
<b>Approved by:</b>	A.L. Webb	Manager		03/07/2017

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## Executive Summary

This study analyses the market potential of the Avio built ‘Mini launch vehicle’ (Mini LV), when operating from Spaceport-1 on the island of North Uist in the Outer Hebrides, and using mathematical modelling, attempts to forecast the market potential of the Mini LV from Spaceport-1, over the 10 year timeframe of 2020 – 2030.

The study output displays this predicted market potential in terms of the number of commercially supported launches of the Mini LV from Spaceport-1 occurring per annum, throughout the assessed time frame.

This study finds that the use of Mini LV as a launcher at the Spaceport-1 site is viable. By comparing and contrasting the results of two separately applied modelling techniques, the analysis suggest a likely minimum of around 3 launches per annum starting from 2020. Following continued operation, and factoring for a potential peak after the expected introduction of an upgraded Mini LV in 2024, a normal launch rate of approximately 5 could be anticipated from Spaceport-1, which may rise depending on market conditions.

*Note: The raw data for this study was supplied by Seradata Ltd., website: <http://sdv2.uk.w3pcloud.com/>*

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Certainty	Range	Area of Possibility	Source
100%	100%	certain	Verifiable information, original source
93%	87-99%	almost certain	verifiable, credible source
74%	61-87%	probable	unverifiable but credible source
50%	40-60%	about even	credible, verifiable, anonymous source
30%	20-40%	probably not	credible, unverifiable, anonymous source
7%	2-12%	almost certainly not	incredible, unverifiable, anonymous source
0%	0%	definitely not	a liar or saboteur

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