



RESPONSIVE SPACE CAPABILITIES

Agreement between the Minister
of Defence of Luxembourg and
Virgin Orbit



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
*Ministère des Affaires étrangères
et européennes*

Direction de la défense



- Speech by Mr François Bausch, Deputy Prime Minister, Minister of Defence
- Speech by Mr Dan Hart, Chief Executive Officer – Virgin Orbit
- Presentation of the Virgin Orbit Space Launch Capability
- Signing of the « Letter of Intent »
- Questions and answers
- Reception





Speech by Mr. Francois Bausch, Deputy Prime Minister and Minister of Defence



Speech by Mr. Dan Hart, CEO Virgin Orbit



LAUNCHERONE

PROVEN.
GLOBAL.
MOBILE.
RESILIENT.
ASSURED.
DEDICATED.
FLEXIBLE.
REUSABLE.
AFFORDABLE.
READY.

Virgin Orbit Overview

*17 October 2022 Partnership Signing
With Luxembourg Directorate of Defence*



Available for Public Release

THE WORLD'S FIRST GLOBAL SPACE SOLUTION



1

**REACH
ANY ORBIT
(300-500 kg)**

2

**ASSURED
ACCESS**

3

**CREATING
SPACEFARING
NATIONS**

1

Carrier
Aircraft

2

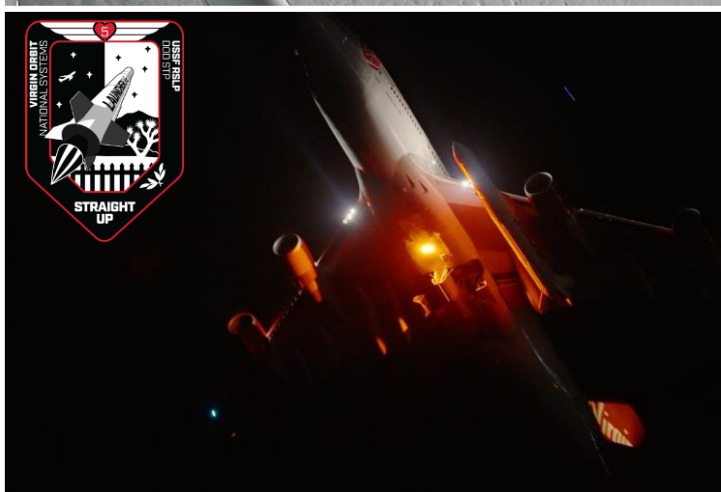
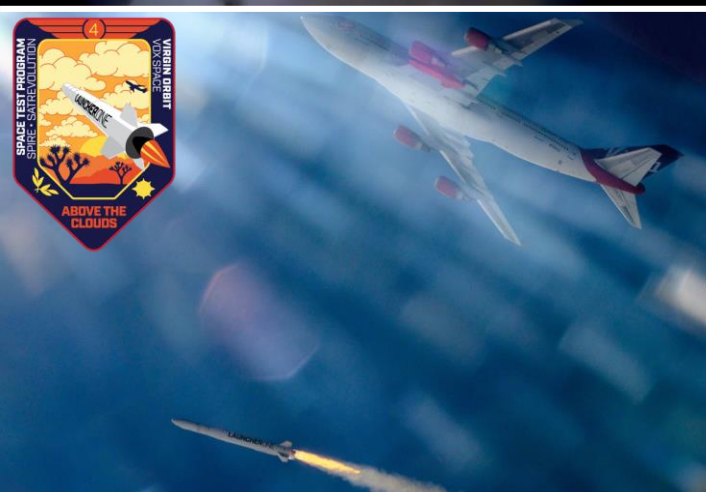
Launch
Vehicle

3

Ground Support
Equipment

100% MISSION SUCCESS.

- ✓ 4 successful launches in <18 months
- ✓ 33 spacecraft successfully deployed into target orbits
- ✓ Launched to multiple orbits, launched through thick cloud layer
- ✓ Served DOD, NASA, Commercial, and International customers



OPERATIONAL MOBILE LAUNCH SYSTEM

- Ultimate portability
- Multiple launch sites for flexibility and resiliency
 - Mojave, CA
 - Shuttle Landing Facility, FL
 - Anderson Air Force Base, Guam
 - Spaceport Oita, Japan
 - Cornwall, UK
 - Alcântara, Brazil
 - Wellcamp Airport, Australia



RESPONSIVE SPACE FACILITATED BY LUXEMBOURG ENABLES SPACE RESILIENCY FOR ALLIES

LAUNCHERONE MOBILE GROUND SUPPORT EQUIPMENT



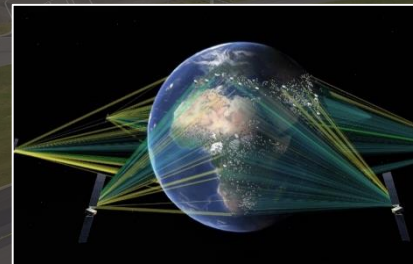
**QUICKLY DEPLOY
NEW SPACE ASSETS**



**CONDUCT JOINT
MISSIONS**



**STRENGTHEN
LOCAL INDUSTRY**



**DETER CONFLICT IN
SPACE**

VIRGIN ORBIT LOOKS FORWARD TO COLLABORATING WITH LUXEMBOURG TO OPEN SPACE FOR GOOD



Available for Public Release



SIGNATURE OF THE “LETTER OF INTENT” BETWEEN VIRGIN ORBIT, LLC AND THE DIRECTORATE OF DEFENCE OF THE GRAND DUCHY OF LUXEMBOURG





Questions?



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Direction de la défense