

# World's largest airplane takes to the sky

The Stratolaunch Roc is designed to carry and launch hypersonic vehicles, and eventually to provide affordable access to space

Dual fuselage and high wing design for safe under-wing launches

*Named after mythical bird able to carry full-grown elephant*

Payloads up to 220 tonnes

**Talon-A:** First "drop test" separation of hypersonic vehicle expected in 2023

**Space Plane:** Under development

## STRATOLAUNCH ROC

Six Pratt and Whitney turbofan (Boeing 747) engines

Pilot and co-pilot

Flight data systems

**Boeing 747-400 to scale**

Wingspan 64m

Wingspan 117m

**Length: 73m**

**Take-off weight: 590 tonnes**

*Requires 3.7km runway*