



SpaceOps 2010 Conference
'Delivering on the Dream'
Friday 30th April 2010

Will Whitehorn, President



GALACTIC

TRANSPORT & TRAVEL



COMMUNICATIONS



MONEY



HEALTH



LEISURE & ENTERTAINMENT



RETAIL





**The impact of peak oil and
human induced climate
change – a future key driver
of company financial
performance**

**Losers – a marketing issue
solved by carbon offset**

**Winners – carbon efficient
sector mold breakers**

**This is an industrial survival
issue in a future \$100+ oil
world**



GALACTIC





First bio-fuel powered flight successfully completed



“Houston, we’ve had a problem...”



X 15 Development programme 1960s



GALACTIC



1927 - the Whitehorn Fiat prototype



GALACTIC



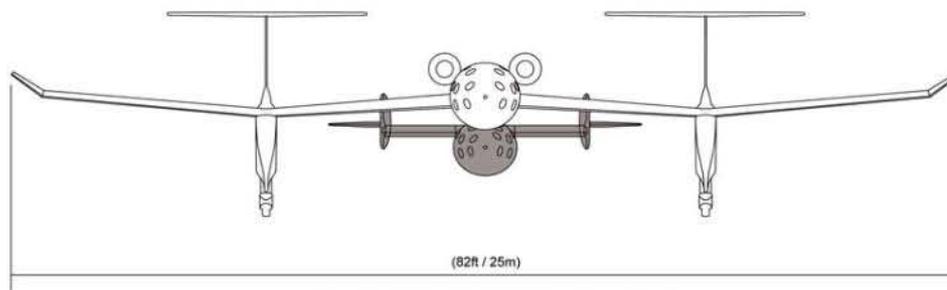
70 years later – the commercial version



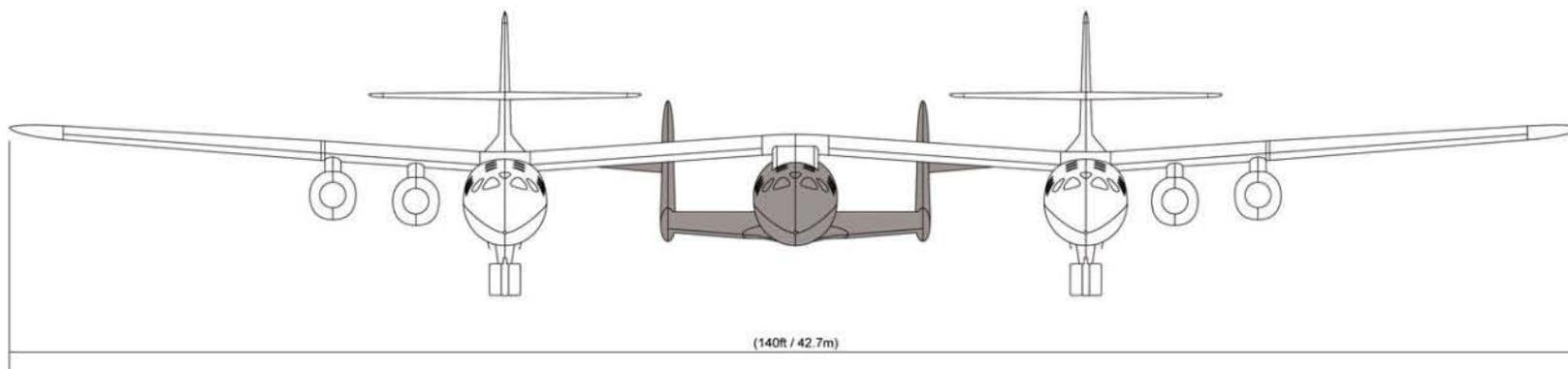




SCALE COMPARISON



WHITEKNIGHT/SPACESHIPONE



VIRGINMOTHERSHIP EVE/SPACESHIPTWO



The New System - Highlights

SPACESHIP ONE HERITAGE

Uses same basic technology, construction and design as SpaceShipOne

New approach to space access for people, science & research

AIR LAUNCH

2 stage launch system

Intrinsically safer than ground launch

CAREFREE RE- ENTRY

Re-entry controlled aerodynamically by unique, patented wing design

Heat free and care-free

100% COMPOSITE CONSTRUCTION

Light, strong, and resilient construction

Scaled Composites' expertise (e.g. Virgin Atlantic Global Flyer, the world's most fuel efficient powered aircraft)



GALACTIC







Virgin Galactic: An Investment Opportunity

- Multiple Streams of Revenue and First-Mover Advantage
 - Tourism, Science, Training
- Multiple Development Opportunities
 - Patented IP, Unmanned Launch Vehicles, Alternative WK2 Payloads
- Customer Numbers and High Margins Suggest a Profit in Year One & Potential for an Early IPO – Possibly Within 2 Years of Launch
- Project Reached Appropriate Maturity Level to Consider External Investment in 2009



360,000

VIRGIN GALACTIC'S MAXIMUM
PLANNED SUB ORBITAL SPACE FLIGHT

ANSARI XPRIZE
SUB ORBITAL HEIGHT

328,000FT:
SPACE ENTRY & ANSARI XPRIZE
SUB ORBITAL BOUNDARY

361,000FT VIRGIN GALACTIC'S
MAXIMUM PLANNED HEIGHT

SPACESHIP TWO FEATHERS
AFTER ROCKET BURN

300,000

250,000

200,000

150,000

100,000

HIGHEST MANNED
BALLOON FLIGHT

CONCORDE

UP TO 50,000FT RELEASE
FROM MOTHERSHIP AND LAUNCH
TO MACH 4

SPACE BORDER

6G RE-ENTRY

70000 FT DE-FEATHERS
INTO GLIDER MODE

GLIDE HOME TO COLLECT YOUR
ASTRONAUT WINGS

VIRGIN GALACTIC TRACKER
FEET:



GALACTIC

IMAGE DESIGN & GALACTIC
GIRL BY SKY26

“It’s very big Burt!”



Test flights underway!







Coming soon to a desert near you!





VIRGIN GALACTIC
space tours



VIRGIN GALACTIC
science services



VIRGIN GALACTIC
cargo



VIRGIN GALACTIC
world travel



Virgin Galactic – A Team Effort!

