

AIRLAUNCH

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Phase 2B Milestone 4 Accomplishments: DARPA / USAF Falcon SLV Program



QuickReach™ simulated rocket in flight

C-17 on-board
view of full-scale,
full-weight
QuickReach™
simulated rocket



QuickReach™ 72,000 lb
test article released from
the C-17 – a new record
for the heaviest single
object ever dropped from
the aircraft



Vertical test stand completed



Roof & crane section / Detail of lift mechanism / First tier



Second tier /



Third tier /



Last tier in place



Propane tank & LOX tank completed



Integrated Stage 2



Vertical test stand
electrical & plumbing installed



Propane tank completed



Propane
Spinning
tool
(LOX spinning tool in background)



Spun LOX dome

LOX dome spinning

Rapid Prototyping Delivers Responsive Affordable Spacelift