FOR IMMEDIATE RELEASE
Dec. 12, 2017

Blue Origin

New Shepard Mission 7 Test Flight
Mission Fact Sheet

Mission Overview
New Shepard flew again for the seventh time on Dec. 12, 2017, from Blue Origin’s West Texas Launch Site. Known as Mission 7 (M7), the mission featured the next-generation booster and the first flight of Crew Capsule 2.0.

- Crew Capsule 2.0 features large windows, measuring 2.4 feet wide, 3.6 feet tall.
- M7 also included 12 commercial, research and education payloads onboard.

M7 Mission Details
- Launch time: 10:59 a.m. CST
- Booster Apogee
  - 322,032 feet (AGL) (98.16 kilometers)
  - 325,702 feet (MSL) (99.27 kilometers)
- Crew Capsule 2.0 Apogee
  - 322,405 feet (AGL) (98.27 kilometers)
  - 326,075 feet (MSL) (99.39 kilometers)
- Maximum ascent velocity: Mach 2.94
- Booster maximum descent velocity: Mach 3.74
- Booster re-ignition: 3,716 feet (AGL)
- Controlled vertical landing of Booster: 6.75 mph
- Deployment of Crew Capsule 2.0 drogue parachutes: 6,463 feet (AGL)
- Landing of Crew Capsule 2.0 under parachutes: 11:10 a.m. CST
- Total mission elapsed time: 10 minutes and 6 seconds

Attributable Quote
"Today’s flight of New Shepard was a tremendous success. It marks the inaugural flight of our next-generation Crew Capsule as we continue step-by-step progress in our test flight program,” said Bob Smith, CEO, Blue Origin. “Congratulations to the entire Blue Origin team on a job well done and to our payload customers that gathered important data on the suborbital environment. Gradatim Ferociter."

Images & Captions
The following images are approved for use by Blue Origin, please provide photo credit to Blue Origin.

- **Booster Images:**
  - New Shepard Booster landing on the pad in West Texas after a successful Mission 7.
    - Blue-Origin-New-Shepard-Mission-7-Booster-Landing-1
    - Blue-Origin-New-Shepard-Mission-7-Booster-Landing-2
    - Blue-Origin-New-Shepard-Mission-7-Booster-Landing-3

- **Crew Capsule 2.0 Images:**
  - Crew Capsule 2.0 features large windows, measuring 2.4 feet wide, 3.6 feet tall.
    - Blue-Origin-New-Shepard-Mission-7-Crew-Capsule-2.0-Landing-1
  - “Mannequin Skywalker” our instrumented test dummy had a great flight.
  - Checking out Crew Capsule 2.0 after touchdown in West Texas.

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