and liftoff of the Atlas V and NOAA's GOES-S, a highly sophisticated weather-watching eye in the sky to join its twin in providing better forecasts and saving lives.

Atlas has begun a pitch and yaw maneuver to steer to its planned path and azimuth of 100.7 degrees.

At 35 seconds, the rocket carrying GOES-S will reach Mach 1, traveling faster than the speed of sound.

Roll program is complete.

Speed chamber pressures are rolling off as expected.
At 47 seconds after launch, the vehicle will pass through the area of maximum dynamic pressure, or Max-Q.

This is the point when mechanical stress on the rocket reaches its peak because of the rocket's velocity and the resistance created by the Earth's atmosphere.

Booster has throttled up as expected.

You are also hearing the voice of United Launch Alliance Flight Commentator Marty Malinowski.

SRB chamber pressures continue to look good.

And plateau.

At one minute, 50 seconds into flight, the first two solid rocket boosters will be jettisoned,

followed about a second-and-a-half later of the other boosters.

And we have indication of SRB burnout.

Booster engine continues to perform well.
Approximately 10 seconds to SRB jettison.

We have indication of four solids jettisoning.

Looks like a clean separation.