t-minus ten nine eight seven six five

four three two one we have ignition and

liftoff of Aquarius and the SAC D

Observatory on an international mission
to study Earth's salty seas

laughing 22 seconds into the flight

bring nicely from the initial launch

transients main engine control is good

earlier control is good Stefan 36

seconds mark 36 seconds Mach 1 vehicle

now going transonic 42 seconds still

looking good good chamber pressure is

holding 49 seconds in max-q maximum
Dynamic pressure in the vehicle coming up on the 1-minute mark as we're standing by for solid burnout chamber pressure beginning the drop in the solids we have burnout we'll be holding on to those solids for about another 30 seconds to assure we have a safe water impact point 1 minute 13 seconds into the flight in 1 minute 25 seconds mark standing by for separation of the three ground-lit solids be happening any second now and we have separation command separation one minute 45 seconds in the Delta 2
vehicle not only weighs about half of what it did at launch expelling propellant at the rate of about 800 pounds per second