t-minus 15 seconds t-minus 10 9 8 7 6 5

main engine start zero and

liftoff of the Atlas 5 with curiosity

seeking clues to the planetary puzzle about life on Mars right

when ad operating versus expected modeling down to 76 percent

program please

and fellas outbreak South Area there be chamber computers

and we passed through max Q close loop

on Atlas V you signatures as expected

this RB profile continues look now
bottling back up to 1% thrust on the rd-180 engine parameters looking good

like control disturbances as expected

SRB pressures running away as expected

- would be burnout we have burnout of the SRBs everything is looking good

10 seconds to SRB chess

and we have first pair and second pair

both sets of SRBs have successfully jettisoned the vehicle we've been able

guidance everything is looking good

this was rob gannet our United Launch Alliance telemetry manager we're hearing

vehicle is now 32 nautical miles in
altitude 50 to 4 miles downrange

traveling at 4900 miles per hour and

we've bottled down the hold of constant

2.5 g level for payload fairing jettison

and we fired the pyro valve pressurizing

the RCS bottle

uh sure increasing and the Lopez

expected

now we're hitting our 2.5 g when up

coming up on payload fairing Edison last

night 10 seconds

barring jet and we also have a

successful CFL our jettison it as

expected throttling up on the rd-180

night 10 seconds
everything with up to eighty nine

percent thrust