t-minus ten nine eight seven six five

four three two one main engine start

ignition and liftoff of the Atlas 5 with

maven looking for clues about the evolution of Mars through its atmosphere

everything looking good still 100% rated

thrust on the rd-180

rates are looking good we do have all

program ends right as expected

you're actively controlling mr. ratio

about position looks good because

regulator valve position that's good

speeds are good vehicles operating as

expected continue down the center of the
range track everything is looking good

downrange traveling at over 1,000 miles per hour

pick your old programs

everything is looking good considering an honor percent thrust

and we are now passing to the south

barrier paper his mouth supersonic

rd-180 looking stop mated armor

separated thrust pass through max Q and

be able to passing through max Q rates

look good naked operate dead 1% and we

have bottled down to 95 percent thrust
right on time and we're now 10 nautical miles and altitudes with 4 miles downrange traveling at 2200 miles per hour