and nine eight seven six five four three
two one and zero and a liftoff of the
Falcon 9 rocket and the dragon
spacecraft packed with science and
supplies for the International Space
Station humanity's home in low Earth
orbit the tower
SpaceX SM commentary for my several
people Chico here kicked us out ocean
events avionics engineer of calls on
avionics health and Racquet separation
the range coordinator calls airforce and
satellite control Network acquisition
and loss of signal and the ground
station specialist calls out the SpaceX antenna acquisition and philosophy
five seconds after liftoff Falcon diamond Beach transonic speed the vehicle will pass through an area of maximum aerodynamic pressure called max Q at one minute 18 seconds after liftoff this is the point mechanical stress on the rocket reaches its peak because of the Rockets velocity and resistance created by Earth's atmosphere design vehicles experiencing maximum dynamic pressure in confirmation of max Q one minute 30 seconds into flight
and the second stage and jewel has begun

around two minutes 35 seconds into flight the nine Merlin engines will sequentially shut down you'll hear the term miko which means mange which main engine cutoff