t-minus ten nine eight seven main in

five four three two one and liftoff of

space shuttle Atlantis to assemble the

framework for the science laboratories

of tomorrow Houston now controlling

full program Roger roll Atlantis

Atlantis is roll maneuver is complete

the orbiters in a heads down position on

course for a 51.6 degree 137 by 36

statute mile orbit

all systems in good shape

engines throttling down as Atlantis

repairs to maneuver through the area of

maximum dynamic pressure on the vehicle
in the lower atmosphere already seven miles away from the Kennedy Space Center at an altitude of five miles