five four three two one and liftoff the

100th liftoff from launch pad 39A as falcon and dragon take flight to the international space station

restage propulsion table

800,000 education active thousand powers on the table

everything's going according to plan

now it is on target for its rendezvous with the International Space Station one

minute into flight Falcon 9 is point transonic at this time standing by for maximum dynamic pressure about one

minute away from the first stage engine
cutoff in the beginning of the boost

back burn and that chills started NASA

television will be showing both the second stage carrying dragon to orbit and portions of the return of the Falcon

first stage engine to landing zone one at nearby Cape Canaveral Air Force Station

less than 30 seconds away from Miko main engine cutoff

Anthony: and we have these old ones as planned

stage separation confirmed you could see the stage separation for stage departing
the second stage engine igniting a

condition different stage one blue spec

Verna started stage two on the left

stage one on the right Falcon nine first

stage heading back toward Earth second

stage continuing on its way to the

International Space Station the nosecone

protecting dragon will be jettisoned in
ive seconds HT purple phenomenal

stage one please back burn shut down and

as planned the first stage Bruce back

burn has shut down 3 minutes 35 seconds

into flight they were looking at the

first stage making its return on the

00:03:54,309
left of the NASA television screen

Falcon 9 second stage engine continues

to burn acquisition of signal Bermuda

second stage will continue to burn for

another five minutes

carrying the Dragon spacecraft into its

preliminary orbit

in about two minutes the first stage

ten burn will begin it's a burn of

about 14 seconds

bringing the Falcon 939 out back toward

Cape Canaveral Air Force Station second

stage engine performance continues to be

good four minutes 45 seconds into flight

second-stage continues to follow the
58 00:05:16,250 --> 00:05:26,720
nominal trajectory orbit position in new hampshire

59 00:05:22,279 --> 00:05:31,099
hampshire spacex new hampshire tracking

60 00:05:26,720 --> 00:05:33,199
site now tracking the travels of the

61 00:05:31,100 --> 00:05:36,669
second stage as the first stage

62 00:05:33,199 --> 00:05:36,669
continues its descent

63 00:05:40,350 --> 00:05:45,510
about 45 seconds away from the first

64 00:05:42,569 --> 00:05:51,060
stage entry burn second stage continues

65 00:05:45,509 --> 00:05:53,839
to perform normally five minutes 45

66 00:05:51,060 --> 00:05:53,839
seconds into flight

67 00:06:10,259 --> 00:06:14,269
Stage one entry burn starting

68 00:06:20,220 --> 00:06:25,620
and you can see the stage one entry burn

69 00:06:22,589 --> 00:06:27,959
underway everything continues to go well

70 00:06:25,620 --> 00:06:30,509
stage two carrying the Dragon spacecraft

71 00:06:27,959 --> 00:06:33,379
little country burn shut down and we
have shut down as planned

six minutes thirty seconds into the flight

Stage one aft SS saved

Stage one is transonic

Stage one is flying back toward Everett

Landing bird start landing burn is

starting for stage 1 7 minutes 15

seconds into flight everything continues

well with the flight of the second stage

and Dragon for those in the area there

will be a loud sonic boom that will occur right about the time of landing

which is expected the length of time
that the sonic boom took to reach

earlier on Lenny likes to play landing

legs have deployed

and the first stage is back just miles

away from its launch point stage one

engines have shut down stage one engines

have shut down l1 the Falcon has landed

landing operators proceeded with initial

safing per procedure 11.1 hundred

section three on l1 met everything

going according to plan

eight minutes into flight about a minute

away from second stage engine cutoff HT

propulsion remains nominal
eight minutes thirty seconds into the flight in about thirty seconds away from the second-stage engine cutoff that will be followed about a minute later by the Dragon spacecraft separation osm boosters landing.

Stage two FPSs saved standing by for engine cutoff.
f ck 1 and Seco 1 2nd stage engine.
cutoff initial orbit engineers report a good initial orbit standing by for.
dragon separation in about 30 seconds.
stage 2 making its way on a trajectory.
toward the International Space Station.
at 51.6 degrees inclination to the
equator stage 1 is back on Earth

acquisition of signal new

standing by for spacecraft separation

diploma contract and a good

spacecraft separation dragon makes its

way toward the space station next major

milestone is the deploy of its solar

arrays ten minutes forty seconds after

launch

you

11 minutes 51 seconds after the launch

of Falcon the Dragon spacecraft is

flying free the next major milestone is

its deployment of its solar arrays
needed to continue to power the vessel

on its way toward the international space station and a planned rendezvous

on Monday