00:00:18,980 --> 00:00:24,380
this is Pegasus launch control t minus

00:00:21,710 --> 00:00:26,028
57 minutes 45 seconds and counting

00:00:24,379 --> 00:00:29,168
less than one minute away from the

departure of the I-1011

00:00:26,028 --> 00:00:29,169
and launch team will now complete our

pre takeoff checklist currently in our

climb cruise checklist yes eight four

six books and my papers

00:00:19,060 --> 00:01:22,469
also wonderful ol rhythm step 1:27 you

go to stop nitrogen purge LC LPO purges

off copy purge off and LP o you go for

step 128 configure GN - for captive

carrying - just a ACS to maintain fairy

anything fairing air temp at
approximately five nine degrees LC LP o

GN to configure for captive carry ACS

adjustments at work Roger that LP o

LCpl jcopy LC PEG peg is go for launch

PLT LC is go for launch BLT confirm C

PLC PLC confirms go for launch

drop on my mark three two one go for

release negative of the way and drop

Pegasus is away ignition of the Pegasus

rocket with Cygnus helping hurricane

foresters understand and predict the

intensity of hurricanes fin actuator

system is working properly to control

the flight of the vehicle during stage
one our buses remain nominal

approximately 30 minutes 30 seconds I

feel first motion ition first motion

time of 1337 : d 1l passive x86 a

supermajority

37:34 m2 on 2.6 attitude remains nominal

power buses remain strong all the other

coming by document ly 10 seconds until

stage 1 burnout all data coming back

looks good getting ready for the first

stage to burnout

right on time stage 1 is burned out

attitude remains nominal makeup on first

and second stage separation until Stage

and second stage separation until Stage
one separation and stage 2 ignition

00:03:59,039 --> 00:04:02,239
[Music]

Stage two separate sig one separation

00:04:05,519 --> 00:04:15,670
start 2 ignition eh - TVC is operating

00:04:08,669 --> 00:04:16,988
nominally and controlling the flight of

00:04:16,988 --> 00:04:23,978
the vehicle just ending by four fairing

00:04:21,879 --> 00:04:26,319
separation power busses remain strong

00:04:23,978 --> 00:04:26,819
approximately 20 seconds till fairing

00:04:26,319 --> 00:04:30,028
deployment

00:04:26,819 --> 00:04:30,028
[Music]

00:04:39,459 --> 00:04:49,779
second stage flight looks good fairing

00:04:46,870 --> 00:04:52,209
separation is confirmed attitude remains

00:04:49,779 --> 00:04:56,948
nominal after successful fairing

00:04:52,209 --> 00:04:59,198
separation animation based on actual

00:04:56,949 --> 00:05:01,240
flight data approximately 30 second
excuse me 20 seconds until stage to burnout

[Music]

vehicle is flying down the nominal track indicating good performance stage 2 is burned out attitude remains nominal

stage 3 TVC is initiated Stage two separation

Stage three ignition TVC is operating nominally following command and controlling the flight of the vehicle at nominal during stage three burn we had acquisition through kuru systems remain nominal during stage 3
burn

[Music]