



1
00:00:24,550 --> 00:00:21,590
this is pegasus launch control t minus

2
00:00:26,550 --> 00:00:24,560
57 minutes 45 seconds and counting less

3
00:00:57,750 --> 00:00:26,560
than one minute away from the departure

4
00:00:57,760 --> 00:01:12,550
foreign

5
00:01:15,749 --> 00:01:13,990
and launch team we now complete our

6
00:01:18,149 --> 00:01:15,759
pre-takeoff checklist currently in our

7
00:01:19,030 --> 00:01:18,159
climb cruise checklist

8
00:01:33,420 --> 00:01:19,040
yes

9
00:01:33,430 --> 00:01:39,350
[Music]

10
00:01:44,950 --> 00:01:42,550
lc lpo purge is off

11
00:01:46,230 --> 00:01:44,960
copy purge off and lpo you go for step

12
00:01:48,149 --> 00:01:46,240
128.

13
00:01:51,109 --> 00:01:48,159

configure gn2 for captive carry and

14

00:01:52,870 --> 00:01:51,119

adjust aacs to maintain fairy thing

15

00:01:57,030 --> 00:01:52,880

fairing air temp

16

00:02:02,069 --> 00:01:59,749

lc lpo gn2 configured for captive carry

17

00:02:14,550 --> 00:02:02,079

aacs adjustments and work

18

00:02:20,470 --> 00:02:17,110

llc plt copy

19

00:02:22,630 --> 00:02:20,480

lc peg peg is go for launch plt lc is go

20

00:02:25,430 --> 00:02:22,640

for launch plt confirm

21

00:02:27,030 --> 00:02:25,440

cplt plc confirms go for launch

22

00:02:27,910 --> 00:02:27,040

drop on my mark

23

00:02:29,110 --> 00:02:27,920

three

24

00:02:30,550 --> 00:02:29,120

two two

25

00:02:33,190 --> 00:02:30,560

one

26

00:02:34,630 --> 00:02:33,200

go for release

27

00:02:41,270 --> 00:02:34,640

pegasus is away

28

00:02:46,309 --> 00:02:43,830

the pegasus rocket was cygnus helping

29

00:02:52,309 --> 00:02:46,319

hurricane forecasters understand and

30

00:02:55,430 --> 00:02:54,229

fin actuator system is working properly

31

00:03:00,949 --> 00:02:55,440

to control the flight of the vehicle

32

00:03:04,630 --> 00:03:02,949

power buses remain nominal approximately

33

00:03:06,949 --> 00:03:04,640

30 minutes 30 seconds

34

00:03:09,350 --> 00:03:06,959

rto first motion ignition first motion

35

00:03:13,910 --> 00:03:09,360

time of 1337

36

00:03:15,149 --> 00:03:13,920

colon 2 one now pass eight six seven

37

00:03:24,949 --> 00:03:15,159

thirty seven

38

00:03:34,070 --> 00:03:26,789

attitude remains nominal power buses

39

00:03:37,910 --> 00:03:35,509

all they are coming back approximately

40

00:03:39,589 --> 00:03:37,920

ten seconds until stage one burnout

41

00:03:41,830 --> 00:03:39,599

already coming back looks good getting

42

00:03:45,589 --> 00:03:41,840

ready for the first stage to burn out

43

00:03:48,240 --> 00:03:47,589

stage one is burned out attitude remains

44

00:03:52,710 --> 00:03:48,250

nominal

45

00:03:56,470 --> 00:03:54,470

coming up on first and second stage

46

00:03:58,550 --> 00:03:56,480

separation approximately ten seconds

47

00:04:06,149 --> 00:03:58,560

until stage one separation and stage two

48

00:04:13,990 --> 00:04:09,270

stage 2 separate signal 1 separation

49

00:04:20,710 --> 00:04:15,990

stage two tvc is operating nominally and

50

00:04:25,270 --> 00:04:22,870

standing by for fairing separation power

51
00:04:39,350 --> 00:04:25,280
buses remain strong approximately 20

52
00:04:39,360 --> 00:04:46,390
second stage flight looks good

53
00:04:51,189 --> 00:04:49,110
fairing separation is confirmed

54
00:04:52,780 --> 00:04:51,199
attitude remains nominal after

55
00:04:55,270 --> 00:04:52,790
successful fairing separation

56
00:04:57,350 --> 00:04:55,280
[Music]

57
00:04:59,590 --> 00:04:57,360
this animation based on actual flight

58
00:05:11,909 --> 00:04:59,600
data approximately 30 seconds excuse me

59
00:05:17,830 --> 00:05:13,909
vehicle is flying down the nominal track

60
00:05:29,110 --> 00:05:20,230
stage 2 is burned out attitude remains

61
00:05:44,150 --> 00:05:31,749
stage three tvc is initiated

62
00:05:44,160 --> 00:05:49,029
stage three ignition

63
00:05:51,990 --> 00:05:50,870

tvC is operating nominally following

64

00:05:57,029 --> 00:05:52,000

command and controlling the flight of

65

00:05:59,500 --> 00:05:59,029

attitude remains nominal during stage 3

66

00:06:02,390 --> 00:05:59,510

burn

67

00:06:19,189 --> 00:06:02,400

[Music]