



Orbital ATK

Yale

1
00:00:01,900 --> 00:00:05,270
GEORGE DILLER, LAUNCH COMMENTATOR: This is Pegasus Launch Control.

2
00:00:05,270 --> 00:00:06,960
T-minus one hour, 29

3
00:00:06,960 --> 00:00:10,110
minutes and 20 seconds.

4
00:00:10,110 --> 00:00:18,210
From Cape Canaveral in Florida, we are standing by for the pending departure

5
00:00:18,210 --> 00:00:24,070
of the L-1011 aircraft with the Pegasus rocket carrying CYGNSS.

6
00:00:24,070 --> 00:00:27,560
The launch countdown began at 3:14

7
00:00:27,560 --> 00:00:33,680
a.m. this morning in the NASA Mission Director's Center, approximately five hours prior to

8
00:00:33,680 --> 00:00:34,680
the opening

9
00:00:34,680 --> 00:00:36,520
of the launch window.

10
00:00:36,520 --> 00:00:41,321
Going through the pre-takeoff checklist for the L-1011, the Pegasus rocket and

11
00:00:41,321 --> 00:00:46,000
the CYGNSS spacecraft takes about three and a half hours to complete.

12

00:00:46,000 --> 00:00:49,640

The L-1011 is now scheduled to

13

00:00:49,640 --> 00:01:03,280

depart at 7:33, with a drop of the Pegasus
from the L-1011 now targeted to occur at 8:30

14

00:01:03,280 --> 00:01:04,989

Eastern time.

15

00:01:04,989 --> 00:01:08,570

The planned launch window is one hour in duration.

16

00:01:08,570 --> 00:01:14,640

The time from L-1011 wheels up to the drop
of the

17

00:01:14,640 --> 00:01:21,070

Pegasus rocket is 57 minutes.

18

00:01:21,070 --> 00:01:26,250

The main change that we've had since that
adjustment in our launch

19

00:01:26,250 --> 00:01:34,740

window and the departure time for the L-1011
is the onset of fog, which we can see, and

20

00:01:45,570 --> 00:01:35,740

the launch

21

00:01:45,570 --> 00:01:46,570

we will

22

00:01:46,570 --> 00:01:57,280

delay the departure of the L-1011 until the
visibility improves.

23

00:01:57,280 --> 00:02:00,030

So at this point we're going to listen to

24

00:02:00,030 --> 00:02:06,280

the discussion and see what the anticipated departure time would be and whether there's

25

00:02:06,280 --> 00:02:07,280

any further

26

00:02:07,280 --> 00:02:10,599

adjustment in our launch time.

27

00:02:10,599 --> 00:02:20,110

Right now the target is an 8:30 drop, with a L-1011 departure at 7:33.

28

00:02:20,110 --> 00:02:25,700

Visibility at the so-called Skid Strip at the Cape Canaveral Air Force Station runway

29

00:02:25,700 --> 00:02:27,569

is right now one

30

00:02:27,569 --> 00:02:29,980

quarter-mile.