

A man with glasses and a headset, wearing a dark suit, white shirt, and striped tie, is looking down. He is identified as George Diller, a NASA Launch Commentator.

George Diller
NASA Launch Commentator

1
00:00:05,980 --> 00:00:03,200
from Vandenberg Air Force Base in

2
00:00:09,740 --> 00:00:05,990
California this is Torres lunch control

3
00:00:12,830 --> 00:00:09,750
at t-minus one hour 19 minutes 9 seconds

4
00:00:15,950 --> 00:00:12,840
and counting with the remaining built-in

5
00:00:17,990 --> 00:00:15,960
holes we are now slightly more than an

6
00:00:22,480 --> 00:00:18,000
hour and a half away from the launch of

7
00:00:25,670 --> 00:00:22,490
the Taurus XL rocket which will

8
00:00:32,080 --> 00:00:25,680
ultimately be preparing the glory

9
00:00:38,690 --> 00:00:35,470
that will ultimately lead to an orbit of

10
00:00:42,139 --> 00:00:38,700
438 nautical miles at an inclination of

11
00:00:46,850 --> 00:00:42,149
98.2 degrees orbiting the Earth every

12
00:00:48,709 --> 00:00:46,860
ninety nine minutes the count down here

13
00:00:52,580 --> 00:00:48,719

in the mission directors Center began at

14

00:00:56,420 --> 00:00:52,590

ten-forty p.m. for our targeted liftoff

15

00:00:59,049 --> 00:00:56,430

time of 209 a.m. since that time the

16

00:01:02,090 --> 00:00:59,059

launch pad has been cleared of personnel

17

00:01:04,189 --> 00:01:02,100

there have been the initial interface

18

00:01:07,429 --> 00:01:04,199

checks with systems on the western range

19

00:01:11,929 --> 00:01:07,439

and the taurus avionics systems have

20

00:01:15,920 --> 00:01:11,939

been turned on our nominal t0 time is

21

00:01:20,810 --> 00:01:15,930

targeted for 43 seconds after 20 9 a.m.

22

00:01:24,260 --> 00:01:20,820

it's 20 943 a.m. pacific time the launch

23

00:01:28,070 --> 00:01:24,270

window this morning is 48 seconds in

24

00:01:30,770 --> 00:01:28,080

duration we will initially be counting

25

00:01:35,499 --> 00:01:30,780

down toward the opening of the launch

26
00:01:38,840 --> 00:01:35,509
window and then during the built-in hold

27
00:01:42,679 --> 00:01:38,850
at about t-minus 12 minutes we will

28
00:01:44,539 --> 00:01:42,689
actually set toward the nominal t0 time

29
00:01:49,219 --> 00:01:44,549
in the sweet spot in the middle of the

30
00:01:51,350 --> 00:01:49,229
launch window which is 20 943 all

31
00:01:54,020 --> 00:01:51,360
observe weather conditions right now are

32
00:01:57,499 --> 00:01:54,030
green and our forecast calling for just

33
00:02:00,530 --> 00:01:57,509
a ten percent chance of a launch weather

34
00:02:03,350 --> 00:02:00,540
criteria violation possibly due to a

35
00:02:05,270 --> 00:02:03,360
chance of some low clouds our

36
00:02:07,969 --> 00:02:05,280
temperature at launch time will be in

37
00:02:11,780 --> 00:02:07,979
the low to mid 40s with Northwest to

38
00:02:13,850 --> 00:02:11,790

northerly winds 12 to 18 knots

39

00:02:15,440 --> 00:02:13,860

and at this time launch team is not

40

00:02:19,580 --> 00:02:15,450

working any issues in the launch

41

00:02:22,009 --> 00:02:19,590

countdown at t-minus one hour 17 minutes