1
00:00:31,189 --> 00:00:01,990
we're now one minute away from

2
00:00:31,199 --> 00:00:47,270
30 seconds to spacecraft up

3
00:01:05,030 --> 00:00:49,990
standing by the centaur is ready to

4
00:01:09,030 --> 00:01:06,789
and we have an indication of spacecraft

5
00:01:10,710 --> 00:01:09,040
we have indications that the sdo

6
00:01:13,429 --> 00:01:10,720
spacecraft

7
00:01:19,270 --> 00:01:13,439
has separated from the centaur stage of

8
00:01:26,550 --> 00:01:21,749
and momentarily the

9
00:01:29,990 --> 00:01:27,670
we'll

10
00:01:31,749 --> 00:01:30,000
get confirmation of that

11
00:01:35,749 --> 00:01:31,759
when we talk with

12
00:01:37,749 --> 00:01:35,759
omar baez our nasa launch director today

13
00:01:40,789 --> 00:01:37,759

and they will begin to monitor the

14
00:01:46,870 --> 00:01:40,799
spacecraft state of health through

15
00:01:51,990 --> 00:01:48,870
until it begins at sea maneuver but all

16
00:01:55,270 --> 00:01:52,000
systems look stable now

17
00:02:01,429 --> 00:01:55,280
putting distance between itself and the

18
00:02:05,910 --> 00:02:03,670
so all indications are we had a very

19
00:02:07,270 --> 00:02:05,920
successful launch and we're just waiting

20
00:02:09,270 --> 00:02:07,280
now for

21
00:02:10,710 --> 00:02:09,280
the spacecraft to deploy its solar

22
00:02:12,390 --> 00:02:10,720
arrays

23
00:02:14,710 --> 00:02:12,400
and we'll be back

24
00:02:16,790 --> 00:02:14,720
shortly with our nasa launch director

25
00:02:19,910 --> 00:02:16,800
omar baez to

26
00:02:24,070 --> 00:02:19,920
give us a summary of launch countdown

27
00:02:26,229 --> 00:02:24,080
and sdo status at 1 hour 50 minutes 10

28
00:02:48,790 --> 00:02:26,239
seconds into the mission

29
00:02:48,800 --> 00:07:38,790
bye

30
00:07:44,309 --> 00:07:41,430
this is atlas launch control one hour 55

31
00:07:47,029 --> 00:07:44,319
minutes 28 seconds into the mission of

32
00:07:48,629 --> 00:07:47,039
the solar dynamics observatory

33
00:07:50,309 --> 00:07:48,639
and joining us here in the broadcast

34
00:07:51,909 --> 00:07:50,319
booth in the atlas space flight

35
00:07:55,510 --> 00:07:51,919
operations center

36
00:07:57,029 --> 00:07:55,520
is omar baez he was our nasa launch

37
00:07:58,710 --> 00:07:57,039
director for

38
00:08:01,110 --> 00:07:58,720

today's liftoff

39
00:08:02,869 --> 00:08:01,120
and uh omar first of all i know you've

40
00:08:05,749 --> 00:08:02,879
gotten some

41
00:08:07,350 --> 00:08:05,759
spacecraft status on sdo can you tell us

42
00:08:08,469 --> 00:08:07,360
what they're reporting how they look

43
00:08:10,469 --> 00:08:08,479
absolutely

44
00:08:13,830 --> 00:08:10,479
shortly after

45
00:08:14,710 --> 00:08:13,840
separation they deployed their uh solar

46
00:08:16,469 --> 00:08:14,720
rays

47
00:08:18,869 --> 00:08:16,479
they acquired the sun they are sun

48
00:08:21,749 --> 00:08:18,879
pointing they are power positive so all

49
00:08:24,790 --> 00:08:21,759
the right things uh that they wanted to

50
00:08:25,990 --> 00:08:24,800
do in those uh crucial uh first few

51
00:08:28,390 --> 00:08:26,000
minutes it

52
00:08:30,070 --> 00:08:28,400
has happened like clockwork

53
00:08:31,990 --> 00:08:30,080
they have their command carrier up

54
00:08:34,389 --> 00:08:32,000
they're communicating

55
00:08:36,709 --> 00:08:34,399
and watching it through hawaii tracking

56
00:08:38,389 --> 00:08:36,719
station now so they're doing great

57
00:08:40,949 --> 00:08:38,399
all right that's

58
00:08:44,149 --> 00:08:40,959
good news so now looking back a little

59
00:08:46,389 --> 00:08:44,159
bit as far as the uh atlas and centaur

60
00:08:49,190 --> 00:08:46,399
how did they perform during the flight

61
00:08:51,190 --> 00:08:49,200
the atlas and centaur were flawless they

62
00:08:52,150 --> 00:08:51,200
got us to to where the satellite needed

63
00:08:54,790 --> 00:08:52,160

to go

64
00:08:56,710 --> 00:08:54,800
um we hit the window right at the

65
00:08:59,030 --> 00:08:56,720
beginning right where we wanted to and

66
00:09:01,110 --> 00:08:59,040
uh weather held in there for us and so

67
00:09:03,430 --> 00:09:01,120
everything appears nominal

68
00:09:04,550 --> 00:09:03,440
for the flight anything of interest

69
00:09:05,590 --> 00:09:04,560
during the

70
00:09:08,470 --> 00:09:05,600
countdown

71
00:09:09,670 --> 00:09:08,480
occurred uh well we we stared at the

72
00:09:12,150 --> 00:09:09,680
wind

73
00:09:14,310 --> 00:09:12,160
rose for a long time today after our

74
00:09:16,470 --> 00:09:14,320
experience yesterday but

75
00:09:19,350 --> 00:09:16,480
nothing surprising

76
00:09:20,710 --> 00:09:19,360
you know we expected a few clouds and

77
00:09:23,030 --> 00:09:20,720
the range had their aircraft

78
00:09:24,949 --> 00:09:23,040
interrogating clouds for us

79
00:09:26,470 --> 00:09:24,959
we had some cells that

80
00:09:27,910 --> 00:09:26,480
were heading our way towards the end of

81
00:09:29,509 --> 00:09:27,920
the window

82
00:09:31,509 --> 00:09:29,519
but

83
00:09:33,670 --> 00:09:31,519
luckily we went at the beginning and

84
00:09:36,630 --> 00:09:33,680
none of that affected us so it's good to

85
00:09:39,030 --> 00:09:36,640
get sdo off all right well thank you

86
00:09:39,910 --> 00:09:39,040
omar it's good to know we've had a good

87
00:09:42,230 --> 00:09:39,920
flight

88
00:09:44,150 --> 00:09:42,240

sdo is just fine

89
00:09:45,509 --> 00:09:44,160
and i guess at this point that means

90
00:09:47,990 --> 00:09:45,519
that we can

91
00:09:50,470 --> 00:09:48,000
bring to our conclusion our coverage of

92
00:09:53,750 --> 00:09:50,480
the atlas v launch countdown and launch

93
00:09:57,269 --> 00:09:53,760
today for the solar dynamics observatory

94
00:09:59,670 --> 00:09:57,279
at one hour 57 minutes 42 seconds into