



1
00:00:08,930 --> 00:00:03,949
and here we go 10 hydrogen burnoff

2
00:00:10,610 --> 00:00:08,940
igniters initiate seven six five four

3
00:00:14,930 --> 00:00:10,620
stage engine start

4
00:00:17,870 --> 00:00:14,940
three two one booster's indignation

5
00:00:28,970 --> 00:00:17,880
and liftoff of Artemis one we rise

6
00:00:32,990 --> 00:00:31,429
all four rs25 engines on the core stage

7
00:00:35,510 --> 00:00:33,000
and two solid rocket boosters now

8
00:00:40,130 --> 00:00:35,520
propelling the vehicle at 128 miles per

9
00:00:43,970 --> 00:00:42,530
very good good control on the role from

10
00:00:46,190 --> 00:00:43,980
teams in Mission Control Houston all

11
00:00:48,049 --> 00:00:46,200
good calls so far now 30 seconds into

12
00:00:50,330 --> 00:00:48,059
the flight Arvest one

13
00:00:52,069 --> 00:00:50,340

first Milestone will be 40 Vehicles pass

14

00:00:53,990 --> 00:00:52,079
through Max Q in about one minute and

15

00:00:55,850 --> 00:00:54,000
nine seconds into launch this is the

16

00:01:03,529 --> 00:00:55,860
greatest period of atmospheric force on

17

00:01:03,539 --> 00:01:12,710
SLS now traveling 607 miles per hour

18

00:01:17,750 --> 00:01:14,929
you're looking at 8.8 million pounds of

19

00:01:21,109 --> 00:01:17,760
Maximum thrust quiet here in the loops

20

00:01:36,109 --> 00:01:23,450
stages of throttling down ahead of

21

00:01:42,950 --> 00:01:38,510
now one minute 21 seconds into the fly

22

00:01:45,050 --> 00:01:42,960
traveling at 1 420 miles per hour

23

00:01:49,190 --> 00:01:45,060
the four core stage engines are back at

24

00:01:53,510 --> 00:01:51,710
the next major Milestone will be for the

25

00:01:55,310 --> 00:01:53,520
solid rocket boosters to cut off and

26
00:01:57,050 --> 00:01:55,320
jettison in about 2 minutes and 11

27
00:01:59,330 --> 00:01:57,060
seconds into the flight so about 30

28
00:02:00,889 --> 00:01:59,340
seconds from now

29
00:02:03,230 --> 00:02:00,899
again quiet here in Mission Control

30
00:02:05,690 --> 00:02:03,240
Houston as teams continue monitoring the

31
00:02:07,730 --> 00:02:05,700
flight of Artemis one

32
00:02:09,050 --> 00:02:07,740
we're now 16 miles downrange from the

33
00:02:16,910 --> 00:02:09,060
launch pad at Kennedy Space Center

34
00:02:30,369 --> 00:02:18,710
standing by for solid rocket booster

35
00:02:35,089 --> 00:02:32,390
confirmation that the solid rocket

36
00:02:37,550 --> 00:02:35,099
boosters have separated these 177 foot

37
00:02:39,290 --> 00:02:37,560
boosters

38
00:02:42,110 --> 00:02:39,300

now the core stage continues to power

39

00:02:45,350 --> 00:02:42,120

the flight of Orion all Force rs-25