



1  
00:00:12,200 --> 00:00:05,869  
t-minus ten nine eight seven six five

2  
00:00:16,580 --> 00:00:12,210  
four three two one ignition

3  
00:00:42,280 --> 00:00:16,590  
liftoff of Ares 1x testing concepts for

4  
00:00:42,290 --> 00:00:47,830  
altitude now two miles

5  
00:00:47,840 --> 00:00:52,580  
paper pressure now tapering on

6  
00:00:52,590 --> 00:00:56,780  
the plan trajectory

7  
00:01:02,770 --> 00:00:59,780  
we passed Mach 1 and we're now passing

8  
00:01:10,469 --> 00:01:05,020  
of our packs queue system ID maneuver

9  
00:01:15,840 --> 00:01:13,499  
now passing Mach 2 vehicle now 10 miles

10  
00:01:22,859 --> 00:01:15,850  
out to downrange distance 8 miles in the

11  
00:01:25,050 --> 00:01:22,869  
velocity of 15 140 miles per hour plus

12  
00:01:27,510 --> 00:01:25,060  
80 seconds we started our supersonic

13  
00:01:39,779 --> 00:01:27,520

large amplitude ID maneuver PTI

14

00:01:43,199 --> 00:01:39,789

we see the response and we started the

15

00:01:48,359 --> 00:01:43,209

last PTI maneuver structural mode ID and

16

00:01:50,819 --> 00:01:48,369

we pass T plus 100 105 seconds equals

17

00:01:56,069 --> 00:01:50,829

now traveling Mach for 20 miles out to

18

00:02:05,160 --> 00:01:56,079

downrange distance 32 miles the SRM tail

19

00:02:08,100 --> 00:02:05,170

off is observed burnout our AP us have

20

00:02:12,150 --> 00:02:08,110

shut down see RDS have shut down medium

21

00:02:15,809 --> 00:02:12,160

fire and SEP we show a set and a tumble

22

00:02:19,379 --> 00:02:15,819

motor ignition and we can also confirm

23

00:02:22,020 --> 00:02:19,389

on video we see both parts of the

24

00:02:26,180 --> 00:02:22,030

vehicle tumbling the first stage as well

25

00:02:31,349 --> 00:02:26,190

as the upper stage successful separation

