



T 02:37:06:17

A034_C003

1
00:00:00,530 --> 00:00:03,409
George Diller/NASA Launch Commentator: T-
minus 10,

2
00:00:03,409 --> 00:00:04,409
9

3
00:00:04,409 --> 00:00:05,409
8

4
00:00:05,409 --> 00:00:06,409
7

5
00:00:06,409 --> 00:00:07,409
6

6
00:00:07,409 --> 00:00:08,409
5

7
00:00:08,409 --> 00:00:09,409
4

8
00:00:09,409 --> 00:00:10,409
3

9
00:00:10,409 --> 00:00:11,409
2

10
00:00:11,409 --> 00:00:12,409
1

11
00:00:12,409 --> 00:00:13,409
main engine ignition,

12
00:00:13,409 --> 00:00:15,299
and liftoff of the Atlas V

13

00:00:15,299 --> 00:00:20,130
with TDRS-L...building our ability to meet
the growing future of communications

14
00:00:20,130 --> 00:00:21,980
in space.

15
00:00:21,980 --> 00:00:29,340
Marty Malinowski(ULA)/Launch Ascent Commentator:
Booster fuel's gone to

16
00:00:29,340 --> 00:00:31,180
(inaudible) control.

17
00:00:31,180 --> 00:00:33,559
Pitch yaw roll program has begun.

18
00:00:33,559 --> 00:00:36,559
Vehicle (inaudible) rates look

19
00:00:36,559 --> 00:00:37,559
good.

20
00:00:37,559 --> 00:00:39,019
Battery voltages are stable.

21
00:00:39,019 --> 00:00:43,670
Tank pressures are as well.

22
00:00:43,670 --> 00:00:50,170
Booster engine continues to look very good.

23
00:00:50,170 --> 00:00:55,749
Pump speeds and check pressures are

24
00:00:55,749 --> 00:00:57,609
within band.

25

00:00:57,609 --> 00:01:03,179

Pitch yaw roll program is complete.

26

00:01:03,179 --> 00:01:10,540

Vehicle body rates are showing right down the middle.

27

00:01:10,540 --> 00:01:16,360

(inaudible) engine pumps continue to look very good.

28

00:01:16,360 --> 00:01:17,960

Tank pressures are stable.

29

00:01:17,960 --> 00:01:21,790

George Diller/NASA Launch Commentator: Vehicle going through the sound barrier

30

00:01:21,790 --> 00:01:28,510

at this time.

31

00:01:28,510 --> 00:01:44,090

Launch Ascent Commentator: Mach 1

32

00:01:44,090 --> 00:01:45,090

Max Q

33

00:01:45,090 --> 00:01:46,880

Vehicle body rates continue to look very good.

34

00:01:46,880 --> 00:01:50,679

Controlling right down the middle.

35

00:01:50,679 --> 00:01:54,969

Coming up on booster throttle back and we have throttle back right on schedule.

36

00:01:54,969 --> 00:02:10,459

Engine response looks good.

