George Diller/NASA Launch Commentator: T-minus 10,
main engine ignition,
and liftoff of the Atlas V

with TDRS-L...building our ability to meet
the growing future of communications
in space.

15 00:00:21,980 --> 00:00:29,339
Marty Malinowski(ULA)/Launch Ascent Commentator:
Booster fuel’s gone to

16 00:00:29,339 --> 00:00:31,179
(inaudible) control.

17 00:00:31,179 --> 00:00:33,558
Pitch yaw roll program has begun.

18 00:00:33,558 --> 00:00:36,558
Vehicle (inaudible) rates look

19 00:00:36,558 --> 00:00:37,558
good.

20 00:00:37,558 --> 00:00:39,018
Battery voltages are stable.

21 00:00:39,018 --> 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.
Tank pressures are stable.

George Diller/NASA Launch Commentator: Vehicle going through the sound barrier at this time.

Launch Ascent Commentator: Mach 1

Vehicle body rates continue to look very good.

Controlling right down the middle.

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

Engine response looks good.

Booster engine performance continues to look very good.