



1

00:00:01,180 --> 00:00:15,440

Mike Curie/NASA Launch Commentator: T-minus  
10, 9, 8, 7, 6, 5, 4, 3, 2, 1 . . . and liftoff

2

00:00:15,440 --> 00:00:22,160

of NOAA's GOES-R. America's most-advanced  
weather eye in the sky.

3

00:00:22,160 --> 00:00:26,710

Elevating environmental intelligence to new  
heights and saving lives.

4

00:00:26,710 --> 00:00:30,720

(thundering roar of the ascending rocket)

5

00:00:30,720 --> 00:00:36,730

Marty Melinowski, ULA Comment Commentator:  
(Inaudible) . . . response looks good.

6

00:00:36,730 --> 00:00:37,730

(Inaudible)

7

00:00:37,730 --> 00:00:41,399

Booster has throttled down as scheduled.

8

00:00:41,399 --> 00:00:43,410

Response looks good.

9

00:00:43,410 --> 00:00:44,559

Roll program is complete.

10

00:00:44,559 --> 00:00:45,559

(Inaudible)

11

00:00:45,559 --> 00:00:48,260

Mike Curie/NASA Launch Commentator: You are  
listening to the voice of Marty Melinowski.

12

00:00:48,260 --> 00:00:50,910

Marty Melinowski, ULA Comment Commentator:  
Mach 1

13

00:00:57,920 --> 00:01:00,420

Mike Curie/NASA Launch Commentator: Standing  
by to pass through Max-Q.

14

00:01:00,829 --> 00:01:01,829

Marty Melinowski, ULA Comment Commentator:  
Max-Q

15

00:01:01,829 --> 00:01:05,170

Mike Curie/NASA Launch Commentator: This is  
the maximum aerodynamic pressure area.

16

00:01:05,170 --> 00:01:08,680

When mechanical stress on the rocket reaches  
its peak because of the rocket's velocity

17

00:01:08,680 --> 00:01:13,650

and resistance created by the atmosphere.

18

00:01:13,650 --> 00:01:25,330

NASA's Atlas V (inaudible) and GOES-R spacecraft  
continue into flight.

19

00:01:27,580 --> 00:01:36,420

The United Launch Alliance Atlas booster doing  
its job.

20

00:01:40,350 --> 00:01:45,659

One minute, 50 seconds into flight, the first  
two solid rocket boosters will be jettisoned,

21

00:01:45,659 --> 00:01:49,819

followed by a second-and-a half later by boosters  
three and four.

22

00:02:01,020 --> 00:02:04,200

Marty Melinowski, ULA Comment Commentator:  
Coming up on (inaudible) jettison.