

A bright, elongated, yellowish-white object, possibly a comet or meteor, streaking across a dark background. The object is oriented vertically, with the brightest part at the top. The background is almost entirely black, with some faint, wispy white trails around the main object.

000:38

1
00:00:00,000 --> 00:00:01,000

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2
00:00:01,510 --> 00:00:02,549

George Diller/GOES-P Launch Commentator: T minus 10

3
00:00:02,550 --> 00:00:02,740

Nine

4
00:00:03,360 --> 00:00:04,360

Eight

5
00:00:04,370 --> 00:00:04,823

"go" for main engine start

6
00:00:05,650 --> 00:00:05,910

Seven

7
00:00:06,390 --> 00:00:06,590

Six

8
00:00:07,190 --> 00:00:07,470

Five

9
00:00:07,910 --> 00:00:08,280

Four

10
00:00:08,540 --> 00:00:08,820

Three

11
00:00:09,260 --> 00:00:09,430

Two

12
00:00:10,090 --> 00:00:11,090

One

13
00:00:11,500 --> 00:00:12,500

Zero

14

00:00:12,770 --> 00:00:18,236

and liftoff of the Delta IV rocket with GOES-P, completing a new weather satellite

15

00:00:19,060 --> 00:00:19,253

constellation, growing reliability for the weather forecaster.

16

00:00:23,000 --> 00:00:24,000

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17

00:00:41,380 --> 00:00:42,609

Steve Agid/Launch Vehicle Telemetry Officer: Coming up 30 seconds,

18

00:00:42,610 --> 00:00:44,743

mark 30 seconds into the flight.

19

00:00:46,630 --> 00:00:46,773

Altitude now 2 nautical miles, velocity 1,834 feet per second,

20

00:00:50,620 --> 00:00:52,620

downrange about a half a mile.

21

00:00:55,450 --> 00:00:58,050

Chamber pressures beginning to decline.

22

00:00:59,870 --> 00:01:00,606

Forty-seven seconds in, now passing Mach 1.

23

00:01:02,000 --> 00:01:06,866

Vehicle's now going transonic. Passing 57 seconds, standing by for max Q.

24

00:01:12,850 --> 00:01:13,303

One minute, one second into the flight, maximum dynamic pressure in the vehicle.

25

00:01:17,730 --> 00:01:18,060

Chamber pressure continuing to hold good in the main engine.

