



1

00:00:01,010 --> 00:00:04,720

George Diller/Launch Commentator: T minus 15 seconds. Pilot is "go" for launch.

2

00:00:04,720 --> 00:00:12,370

T minus 10 . . . nine . . . eight . . . seven . . . six . . . five . . . four . . . three . . . two . . .

3

00:00:12,370 --> 00:00:22,070

one . . . drop. And Pegasus is away, standing by for ignition.

4

00:00:22,070 --> 00:00:25,960

George Diller/Launch Commentator: And we have Stage 1 ignition.

5

00:00:25,960 --> 00:00:34,300

Ignition of the Pegasus rocket with NuSTAR for an understanding of the ultimate destinies of our stars and galaxies.

6

00:00:34,300 --> 00:00:36,550

Ascent Commentator: Fin actuator system operating nominally.

7

00:00:36,550 --> 00:00:41,430

Fins following commands and controlling the flight of the vehicle.

8

00:00:41,430 --> 00:00:48,200

Power bus is strong, PDUs enabled. Vehicle flight path is nominal, flying the normal trajectory.

9

00:00:48,200 --> 00:00:51,000

George Diller/Launch Commentator: This is Steve Hollo, our launch systems engineer.

10

00:00:51,000 --> 00:01:02,220

Ascent Commentator: Ignition time was 16:00:42. Attitude remains nominal. Past max Q.

11

00:01:02,220 --> 00:01:12,160

Power bus is strong. Nominal voltage and currents on all buses. Aft power bus strong.

12

00:01:12,160 --> 00:01:19,740

Passing 100,000 feet. Approximately 10 seconds to Stage 1 burnout.

13

00:01:19,740 --> 00:01:22,520

Launch Controller: 10 seconds to Stage 1 burnout.

14

00:01:22,520 --> 00:01:26,720

Ascent Commentator: Vehicle IIP is through the narrowest part of the corridor. Stage 1 burnout.

15

00:01:26,720 --> 00:01:28,480

Launch Controller: Stage 1 burnout.

16

00:01:28,480 --> 00:01:36,430

Ascent Commentator: Approximately 15 seconds to Stage 1 separation, Stage 2 ignition.

17

00:01:36,430 --> 00:01:47,840

Vehicle power buses remain strong. Stage 2 TVC on and nominal. Stage 1 sep.

18

00:01:47,840 --> 00:01:48,770

Launch Controller: We have Stage 1 sep.