1 00:00:01,800 --> 00:00:05,169
NASA Launch Commentator George Diller: This
is Falcon launch control, one hour, 31 minutes,

2 00:00:05,169 --> 00:00:07,469
43 seconds into the flight of Jason-3.

3 00:00:07,469 --> 00:00:12,149
Joining us here at the Public Affairs console
is Tim Dunn,

4 00:00:12,150 --> 00:00:16,268
who is our NASA launch manager during the
countdown this morning

5 00:00:16,268 --> 00:00:18,868
for the launch services program and

6 00:00:18,868 --> 00:00:24,018
Tim, we've been following this flight and
it appears by all accounts

7 00:00:24,018 --> 00:00:28,318
that the launch went well and the flight went
well but maybe

8 00:00:28,318 --> 00:00:30,608
you can give us some background of how things
went.

9 00:00:30,609 --> 00:00:34,760
Tim Dunn: Glad to do that, George. So let
me first off say today is a thrilling day

10 00:00:34,759 --> 00:00:35,600
for NASA,

11 00:00:35,600 --> 00:00:39,100
in particular for the NASA Launch Services
Program.

12 00:00:39,100 --> 00:00:42,929
Getting to today has been a long journey as
you can imagine.
First time we've had a NASA Launch Services Program mission on a Falcon.

The Falcon 1.1, we spent a tremendous amount of time getting it to the level of certification so that we could do what we just did this morning on the central California coast.

So with that I can tell you that it was a very active countdown.

We got in early this morning and tried to get things going a little bit sooner in the timeline because we felt we might have some issues to work and

we kind of worked a helium issue with getting the helium pressure from the ground supply into the bottles on the vehicle.

So that caused us to do a little bit, some workaround actions that we resolved through our anomaly resolution process and that drove some other cases that our engineering team working alongside
SpaceX's engineering team just did a tremendous job.

I just can't say enough about how well the two teams, the NASA team and the SpaceX engineering team, worked together to resolve several anomalies throughout the countdown.

Diller: How did the flight look?

Dunn: So we only had a 30-second window today and we only had two days on the range before we needed to stand down for another range customer here and then try again later should we not have launched.

AS you can imagine, we are very excited to have launched today.

The flight itself, we've just done a very little bit of data review,

what we call a quick look data review and the first stage and second stage performance looks very nominal. Could not have asked for a better day.
The first stage burn looked beautiful.

The first burn of the second stage put us into the perfect parking orbit and then about 42 minutes later after that we came out over Africa where we did our insertion burn to put us in our operational orbit for Jason-3 spacecraft. That was a very short burn, about a 5 and half or 6 second burn that went very well likewise and then we had a nominal spacecraft separation.

Diller: So by all accounts, Falcon 9 has come across for delivering Jason-3 on-time, on-orbit.

The final orbit numbers looked right on the money, so for the spacecraft it looked very good, we could confirm that the solar array deployment did go well.

We're still waiting for another pass where we come across Africa
and the spacecraft will downlink its full state-of-health data to that ground station in Fairbanks.

So we should know more about the full state of health of this spacecraft when that occurs.

Diller: Well Tim, thank you very much and congratulations on a very happy, full successful launch and I know we had a lot of additional issues to work to get to this point and it all worked.

Dunn: Thank you so much George. It's a tremendous amount of work to get to a day like today but it's nice when you can celebrate your successes.

Diller: We're now at one hour, 35 minutes, 55 seconds into the flight of Jason-3.

This is falcon launch control.