1
00:00:01,470 --> 00:00:03,010
George Diller/Launch Commentator: Joining us now is Tim Dunn.

2
00:00:03,010 --> 00:00:07,900
He was our assistant launch director for today's countdown operation.

3
00:00:07,900 --> 00:00:12,080
So, Tim, I wonder if you could kind of summarize how the countdown went and

4
00:00:12,080 --> 00:00:19,110
then what you've been able to see from the data from your perspective about how the flight of the Pegasus has

5
00:00:19,110 --> 00:00:21,880
Tim Dunn/NuSTAR Assistant Launch Director: OK, Great. Thanks, George. Thanks for having me.

6
00:00:21,880 --> 00:00:26,390
It's a terrific day for the Launch Services Program here at Kennedy Space Center.

7
00:00:26,390 --> 00:00:30,810
We're a little bit spread out right now. Obviously, the core of our

8
00:00:30,810 --> 00:00:36,790
launch team is out in the Marshall Islands at Kwajalein and they are thrilled right now.

9
00:00:36,790 --> 00:00:40,700
Back here at Kennedy Space Center, we have a large contingent of our

10
00:00:40,700 --> 00:00:46,570
engineering team as well as our management team here at Hangar AE at Cape Canaveral Air Force Station.

11
00:00:46,570 --> 00:00:53,390
And we're celebrating as well. Really, today was a great day for NuSTAR, great day for Pegasus,

12
00:00:53,390 --> 00:00:58,820
great day for the entire launch team, both on the government side as well as the contractor side.

13
00:00:58,820 --> 00:01:06,680

So, we thank Orbital Sciences for the ride and we're ready to get into the science portion of the NuSTAR missi

14
00:01:06,680 --> 00:01:12,360
We had very nominal preparations for launch today.

15
00:01:12,360 --> 00:01:20,080
As we were powering up the spacecraft we saw an indication that we needed to study a little bit.

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00:01:20,080 --> 00:01:25,180
So, we spent a little bit of time, delayed our target drop time by about a half-hour.

17
00:01:25,180 --> 00:01:32,360
Albert Sierra was on with you a little bit earlier and explained that. We did the necessary investigation,

18
00:01:32,360 --> 00:01:39,740
talked to the vendor, did some drawing research, our engineering team analyzed the condition, found it accepta

19
00:01:39,740 --> 00:01:44,570
And we proceeded on with all of the aircraft preparations at Kwajalein

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00:01:44,570 --> 00:01:54,400
on the L-1011 and had wheels up a little bit after 11 a.m. Eastern time.

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00:01:54,400 --> 00:01:58,380
George Diller/Launch Commentator: The flight itself, what did you see as far as data

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00:01:58,380 --> 00:02:03,400
and coming back from the Orbital side of the house how the flight went.

23
00:02:03,400 --> 00:02:07,170
Tim Dunn/NuSTAR Assistant Launch Director: The flight of the Pegasus, we had a nominal drop right

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00:02:07,170 --> 00:02:11,640
at our target drop time, a little bit after noon Eastern time.

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00:02:11,640 --> 00:02:17,020
First stage burn was right down the middle of the corridor, very nominal,

26
00:02:17,020 --> 00:02:20,250
as well as the second and third stage burns.

27
00:02:20,250 --> 00:02:26,440
So, the performance of the Pegasus launch vehicle was right on the money, George,and we're really thrilled.

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00:02:26,440 --> 00:02:30,660
George Diller/Launch Commentator: Well, we've heard it looks like the orbit is

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00:02:30,660 --> 00:02:35,910
nominal and the solar arrays are out, so it looks like we've got a good launch

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00:02:35,910 --> 00:02:41,110
and a good flight and a good mission that is now under way for the NuSTAR team.

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00:02:41,110 --> 00:02:42,250
Tim Dunn/NuSTAR Assistant Launch Director: Absolutely.

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00:02:42,250 --> 00:02:46,970
George Diller/Launch Commentator: We've got another Pegasus coming up at the beginning of next year.

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00:02:46,970 --> 00:02:53,010
Can you tell us a little bit about when that launch will be and where that's going from and about that one?

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00:02:53,010 --> 00:02:56,990
Tim Dunn/NuSTAR Assistant Launch Director: Yes. Our next mission on Pegasus will be the IRIS mission.

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00:02:56,990 --> 00:03:03,920
And that is scheduled on the Western Range for the early part of 2013.

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00:03:03,920 --> 00:03:10,450
So, right now, we're looking at a launch opportunity in the January or February timeframe on the Western Rang

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00:03:10,450 --> 00:03:19,330
We've begun processing the Pegasus for that mission in Building 1555 at Vandenberg Air Force Base and we'

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00:03:19,330 --> 00:03:25,690

excited to have another NASA science payload to launch on this great vehicle.

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00:03:25,690 --> 00:03:32,040
George Diller/Launch Commentator: All right, same facility we saw in our video getting this Pegasus ready to fl

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00:03:32,040 --> 00:03:39,850
And we've gotten confirmation through the spacecraft team, they've gotten a good lock on the,

41
00:03:39,850 --> 00:03:45,910
with the TDRS spacecraft, and the spacecraft is still reorienting.

42
00:03:45,910 --> 00:03:49,110
Getting ready to point fully into the sun point attitude.

43
00:03:49,110 --> 00:03:55,130
But at this point it seems that we had a successful launch,