



1  
00:00:00,860 --> 00:00:04,056  
HEROES is HOPE (Hands-On Project Experience)

2  
00:00:04,091 --> 00:00:07,031  
project which is a call from Headquarters.

3  
00:00:07,066 --> 00:00:10,462  
And to answer that call, we came up with the

4  
00:00:10,497 --> 00:00:12,879  
project HEROES, which is the High-Energy

5  
00:00:12,914 --> 00:00:15,479  
Replicated Optics to Explore the Sun Project.

6  
00:00:15,514 --> 00:00:18,239  
This project is a joint project between

7  
00:00:18,274 --> 00:00:20,439  
Marshall Space Flight Center (MSFC) and

8  
00:00:20,474 --> 00:00:21,470  
Goddard Space Flight Center (GSFC), and

9  
00:00:21,505 --> 00:00:24,326  
I'm a co-PI, so I'm the PI for MSFC. And

10  
00:00:24,361 --> 00:00:27,391  
together with my counterpart at GSFC, we're

11  
00:00:27,426 --> 00:00:30,375  
leading this effort to fly a hard x-ray

12  
00:00:30,410 --> 00:00:32,839  
telescope on a high-altitude balloon payload.

13  
00:00:32,874 --> 00:00:36,093

The balloon will go to 120,000 ft. and it

14

00:00:36,128 --> 00:00:39,455

will fly for almost 2 days. During that time,

15

00:00:39,490 --> 00:00:42,287

we'll observe both astrophysical objects and

16

00:00:42,322 --> 00:00:44,911

the sun. So it's one of the first dual

17

00:00:44,946 --> 00:00:48,583

experiments during the same flight, and