

SOFIA



1
00:00:00,320 --> 00:00:03,140

[Music]

2
00:00:04,020 --> 00:00:05,380

>> Hi!

3
00:00:09,440 --> 00:00:13,720

[SOFIA taking off]

4
00:00:17,680 --> 00:00:19,760

>>MD, flight deck, looks like that sun has set.

5
00:00:19,760 --> 00:00:21,120

>>We're gonna open the door.

6
00:00:21,120 --> 00:00:22,060

>>Door moving...

7
00:00:23,460 --> 00:00:26,060

[Music]

8
00:00:26,320 --> 00:00:35,660

>>Hi, I'm Nichelle Nichols. I played Lieutenant Uhura, Chief Communications Officer aboard the Starship

9
00:00:35,660 --> 00:00:39,960

Enterprise on "Star Trek: The Original Series"

10
00:00:40,900 --> 00:00:49,340

Today, I'm aboard SOFIA, a NASA aircraft flying into our stratosphere with an infrared telescope

11
00:00:49,340 --> 00:00:53,520

to observe light coming from interstellar objects.

12
00:00:53,520 --> 00:00:56,220

[Music]

13
00:00:56,220 --> 00:01:00,060

>>This is a program to observe a massive star forming region.

14

00:01:00,060 --> 00:01:05,800

What we're seeing here is that cloud of gas and dust from which new stars are being born.

15

00:01:05,800 --> 00:01:10,380

Understanding this process of star formation, this is an exploration to determine what the history of the

16

00:01:10,380 --> 00:01:11,880

solar system was like as well.

17

00:01:11,880 --> 00:01:23,260

>>SOFIA helps astronomers learn more about the birth of stars, formation of planetary systems, black holes,

18

00:01:23,260 --> 00:01:24,440

and more.

19

00:01:24,760 --> 00:01:33,240

SOFIA reminds me of the Starship Enterprise. It goes where no man or woman has ever gone before.

20

00:01:34,040 --> 00:01:42,680

You can learn more about how NASA is exploring the Universe, the Solar System, and beyond