



*Flexible Aerogel*

1  
00:00:08,941 --> 00:00:09,850  
AUDIO: Voice of John F. Kennedy: We choose

2  
00:00:09,949 --> 00:00:11,866  
to go to the moon in this decade and do

3  
00:00:12,176 --> 00:00:14,290  
the other things, not because they are easy,

4  
00:00:15,080 --> 00:00:17,019  
but because they are hard.

5  
00:00:17,272 --> 00:00:19,081  
NARRATOR: For over 50 years, NASA has

6  
00:00:19,480 --> 00:00:21,194  
been on the technological forefront.

7  
00:00:21,592 --> 00:00:22,922  
NARRATOR: But its best ideas haven't

8  
00:00:23,524 --> 00:00:25,161  
always come from within.

9  
00:00:25,350 --> 00:00:26,929  
NARRATOR: From cordless power tools to

10  
00:00:26,964 --> 00:00:29,601  
flexible aerogel, companies, independent

11  
00:00:29,635 --> 00:00:31,742  
teams, and individual inventors have

12  
00:00:31,844 --> 00:00:34,112  
contributed to NASA's innovation in the

13  
00:00:34,340 --> 00:00:38,303

aerospace field.

14  
00:00:38,467 --> 00:00:40,215  
NARRATOR: That's why NASA's harnessing the

15  
00:00:40,468 --> 00:00:42,982  
brainpower of those companies, teams, and

16  
00:00:43,173 --> 00:00:46,998  
individuals with the Centennial Challenges.

17  
00:00:47,092 --> 00:00:48,308  
NARRATOR: With millions of dollars

18  
00:00:48,859 --> 00:00:50,517  
in prize purses, Centennial Challenges

19  
00:00:50,562 --> 00:00:52,661  
competitors have tackled everything from

20  
00:00:52,696 --> 00:00:55,301  
green flight technology, lunar landers,

21  
00:00:55,634 --> 00:00:57,548  
and astronaut gloves, to regolith

22  
00:00:57,874 --> 00:01:00,395  
excavation, power beaming, and personal

23  
00:01:00,665 --> 00:01:02,794  
air vehicles.

24  
00:01:03,266 --> 00:01:04,187  
NARRATOR (with conviction): But they're