



1  
00:00:14,000 --> 00:03:29,040  
film I am

2  
00:03:29,050 --> 00:04:14,650  
why

3  
00:04:14,660 --> 00:05:47,510  
Oh

4  
00:05:52,740 --> 00:05:50,330  
the HyperX program is an exciting

5  
00:05:54,270 --> 00:05:52,750  
visionary program that will greatly

6  
00:05:56,790 --> 00:05:54,280  
expand the boundaries of air breathing

7  
00:05:58,290 --> 00:05:56,800  
flight will be flying into speeds and

8  
00:06:06,270 --> 00:05:58,300  
altitudes of an everything airplane has

9  
00:06:09,030 --> 00:06:06,280  
never flown before there are potential

10  
00:06:10,830 --> 00:06:09,040  
for both atmospheric flight using future

11  
00:06:12,840 --> 00:06:10,840  
aircraft it could fly five to eight

12  
00:06:16,470 --> 00:06:12,850  
times the speed of sound and even more

13  
00:06:19,770 --> 00:06:16,480

importantly could change the way we

14

00:06:21,120 --> 00:06:19,780

access space having launch vehicles that

15

00:06:22,950 --> 00:06:21,130

would use air-breathing propulsion for

16

00:06:24,930 --> 00:06:22,960

the first part of the flight could

17

00:06:27,060 --> 00:06:24,940

actually go to orbit and very much more

18

00:06:34,740 --> 00:06:27,070

payload and significantly reduce costs

19

00:06:36,090 --> 00:06:34,750

than anything we've no up today we have

20

00:06:37,890 --> 00:06:36,100

lot of wind tunnel data a lot of

21

00:06:39,750 --> 00:06:37,900

analysis but the one thing we don't have

22

00:06:41,250 --> 00:06:39,760

is flight it's time to go out and fly

23

00:06:42,900 --> 00:06:41,260

and we need to do that now what we still