



1  
00:00:13,430 --> 00:00:11,430  
with the demand for travel to pacific

2  
00:00:15,509 --> 00:00:13,440  
countries on the increase

3  
00:00:18,310 --> 00:00:15,519  
nasa is working with united states

4  
00:00:20,390 --> 00:00:18,320  
manufacturers to develop the technology

5  
00:00:23,269 --> 00:00:20,400  
for a better way to get there

6  
00:00:25,429 --> 00:00:23,279  
in atmospheric sciences researchers are

7  
00:00:27,750 --> 00:00:25,439  
assessing the projected future state of

8  
00:00:29,589 --> 00:00:27,760  
the ozone layer and propulsion

9  
00:00:32,630 --> 00:00:29,599  
scientists are developing engine

10  
00:00:34,870 --> 00:00:32,640  
technology with very low emissions

11  
00:00:37,110 --> 00:00:34,880  
in noise reduction they're studying

12  
00:00:39,750 --> 00:00:37,120  
methods to make engines perform more

13  
00:00:41,990 --> 00:00:39,760

quietly in high lift devices which would

14

00:00:45,030 --> 00:00:42,000

allow an airplane to take off more

15

00:00:47,670 --> 00:00:45,040

quickly from an airport in sonic boom

16

00:00:49,910 --> 00:00:47,680

studies researchers are looking at ways

17

00:00:53,110 --> 00:00:49,920

to reduce the sonic boom produced by

18

00:00:56,150 --> 00:00:53,120

aircraft that will fly supersonically

19

00:00:58,950 --> 00:00:56,160

by the turn of the century both nasa and

20

00:01:01,189 --> 00:00:58,960

industry hope to have a high-speed civil

21

00:01:03,750 --> 00:01:01,199

transport that will not only fly

22

00:01:04,869 --> 00:01:03,760

passengers across the pacific in half

23

00:01:06,390 --> 00:01:04,879

the time

24

00:01:08,550 --> 00:01:06,400

but one that will also be