



NASA
852

N852NA
161217

1
00:00:01,720 --> 00:00:03,720
There he goes...

2
00:00:04,400 --> 00:00:05,920
Diving like a bird of prey,

3
00:00:05,920 --> 00:00:08,000
a NASA Dryden F/A-18

4
00:00:08,000 --> 00:00:09,240
has been putting the landing radar

5
00:00:09,240 --> 00:00:11,120
for the Mars Science Laboratory

6
00:00:11,120 --> 00:00:14,540
through its paces over Edwards Air Force Base in California.

7
00:00:16,020 --> 00:00:17,920
The aircraft carried an experimental pod

8
00:00:17,920 --> 00:00:19,200
that housed the test radar

9
00:00:19,200 --> 00:00:21,080
underneath the aircraft's left wing.

10
00:00:22,080 --> 00:00:23,880
During the flight the F/A-18 climbed

11
00:00:23,880 --> 00:00:25,240
to 40,000 feet

12
00:00:25,240 --> 00:00:26,820
then made stair step dives

13
00:00:26,820 --> 00:00:28,710

over Rogers Dry Lake at angles of

14

00:00:28,710 --> 00:00:30,300

40 to 90 degrees.

15

00:00:30,300 --> 00:00:31,600

Holdin' it...Holdin' it

16

00:00:31,600 --> 00:00:33,480

in order to simulate what the radar will

17

00:00:33,480 --> 00:00:35,940

see during entry into the Martian atmosphere.

18

00:00:36,780 --> 00:00:39,620

Being developed by NASA's Jet Propulsion Laboratory