



SOFIA
Stratospheric Observatory
For Infrared Astronomy

NASA

DLR

NASA

1
00:00:00,890 --> 00:00:04,470
Researchers at NASA's Dryden Flight
Research Center have recently completed

2
00:00:04,470 --> 00:00:09,210
the second and final phase of flight
tests on the Stratospheric Observatory

3
00:00:09,210 --> 00:00:13,830
for Infrared Astronomy. The performance
and structural integrity of this

4
00:00:13,830 --> 00:00:18,570
airborne observatory also known as SOFIA
was validated through a series of flight

5
00:00:18,570 --> 00:00:22,240
tests that confirmed the aircraft could
operate safely at various

6
00:00:22,240 --> 00:00:25,000
flight conditions with the telescope door open.

7
00:00:26,060 --> 00:00:28,520
Clear for [inaudible] 1.5 to .5

8
00:00:31,040 --> 00:00:33,220
Complete...2...1

9
00:00:43,120 --> 00:00:43,840
Complete

10
00:00:45,220 --> 00:00:46,860
SOFIA technicians at the Dryden Aircraft

11
00:00:46,860 --> 00:00:51,500
Operations Facility in Palmdale
California will now finish installation

12

00:00:51,500 --> 00:00:55,840

and check out of the remaining systems
that support telescope operations.

13

00:00:57,180 --> 00:00:58,920

The modified Boeing 747

14

00:00:58,920 --> 00:01:00,860

is now approved to begin flying