



1  
00:00:32,080 --> 00:00:28,749  
the fifth Saturn 1b flight vehicle

2  
00:00:35,170 --> 00:00:32,090  
designated a s 205 was launched on

3  
00:00:37,630 --> 00:00:35,180  
October 11th from launch complex 34 of

4  
00:00:40,360 --> 00:00:37,640  
the Kennedy Space Center placing the

5  
00:00:44,140 --> 00:00:40,370  
first manned Apollo spacecraft Apollo 7

6  
00:00:46,390 --> 00:00:44,150  
into Earth orbit a s 205 performed

7  
00:00:48,729 --> 00:00:46,400  
flawlessly as it lifted astronauts

8  
00:00:50,530 --> 00:00:48,739  
Walter schirra Donn Eisele and Walter

9  
00:00:54,130 --> 00:00:50,540  
Cunningham to what would be an almost

10  
00:00:56,380 --> 00:00:54,140  
11:00 day stay in space the vehicles

11  
00:00:58,450 --> 00:00:56,390  
first RS 1b stages propulsion and

12  
00:01:01,660 --> 00:00:58,460  
mechanical systems operated very

13  
00:01:02,829 --> 00:01:01,670

satisfactorily within 0.2% of predicted

14

00:01:05,170 --> 00:01:02,839

performance values

15

00:01:07,750 --> 00:01:05,180

this included the fuel pressurization

16

00:01:10,480 --> 00:01:07,760

liquid oxygen pressurization control

17

00:01:13,240 --> 00:01:10,490

pressure and engine systems stage

18

00:01:15,760 --> 00:01:13,250

separation occurred at 145 point five

19

00:01:20,710 --> 00:01:15,770

seconds after liftoff only about one

20

00:01:22,690 --> 00:01:20,720

second beyond predicted time performance

21

00:01:25,929 --> 00:01:22,700

of the second or s4b stage and

22

00:01:29,349 --> 00:01:25,939

associated systems was also perfect s4b

23

00:01:32,020 --> 00:01:29,359

burn time was 470 seconds within one

24

00:01:34,090 --> 00:01:32,030

second of nominal the instrument units

25

00:01:36,760 --> 00:01:34,100

guidance and control systems performed

26

00:01:38,349 --> 00:01:36,770

with extreme precision Apollo 7 was

27

00:01:40,779 --> 00:01:38,359

inserted into an orbit of a hundred

28

00:01:42,999 --> 00:01:40,789

seventy three point six miles apogee and

29

00:01:45,609 --> 00:01:43,009

a hundred thirty seven point nine miles

30

00:01:47,889 --> 00:01:45,619

perigee all launch vehicle mission

31

00:01:50,050 --> 00:01:47,899

objectives were accomplished including a