



1  
00:00:14,150 --> 00:00:11,570  
launched on September 13 the ma4 flight

2  
00:00:16,220 --> 00:00:14,160  
was to fly one orbit before the reentry

3  
00:00:21,339 --> 00:00:16,230  
procedure was to be initiated near the

4  
00:00:25,400 --> 00:00:23,839  
inside the mercury Control Center the

5  
00:00:27,950 --> 00:00:25,410  
flight director managed the flight and

6  
00:00:30,980 --> 00:00:27,960  
the network operation the Bermuda center

7  
00:00:32,990 --> 00:00:30,990  
verified the trajectory the tracking and

8  
00:00:34,510 --> 00:00:33,000  
acquisition facilities of Tagus were

9  
00:00:37,340 --> 00:00:34,520  
functioning as programmed

10  
00:00:39,740 --> 00:00:37,350  
one test objective was met early in the

11  
00:00:41,390 --> 00:00:39,750  
flight the ability of the Atlas to

12  
00:00:45,380 --> 00:00:41,400  
release the spacecraft into a proper

13  
00:00:46,970 --> 00:00:45,390

orbit as the spacecraft successfully

14

00:00:49,640 --> 00:00:46,980

completed the turnaround and was flying

15

00:00:51,620 --> 00:00:49,650

in the orbital attitude mercury control

16

00:00:54,140 --> 00:00:51,630

personnel observed the various systems

17

00:00:57,140 --> 00:00:54,150

data and verified that all systems were

18

00:00:58,700 --> 00:00:57,150

go a spacecraft communicator was in

19

00:01:00,820 --> 00:00:58,710

direct voice contact with the tape

20

00:01:03,260 --> 00:01:00,830

recorders aboard the flight vehicle as

21

00:01:06,080 --> 00:01:03,270

the spacecraft with its crew man

22

00:01:08,749 --> 00:01:06,090

simulator passed over Africa just 17

23

00:01:12,529 --> 00:01:08,759

minutes after liftoff all systems were

24

00:01:14,690 --> 00:01:12,539

go the environmental control systems

25

00:01:20,899 --> 00:01:14,700

console registered cabin and suit

26  
00:01:22,550 --> 00:01:20,909  
pressures and oxygen consumption data 62

27  
00:01:25,370 --> 00:01:22,560  
minutes after launch the spacecraft

28  
00:01:27,590 --> 00:01:25,380  
traveling at more than 17,000 miles per

29  
00:01:30,770 --> 00:01:27,600  
hour passed over the Australian tracking

30  
00:01:33,260 --> 00:01:30,780  
stations the onboard timer commanded

31  
00:01:35,209 --> 00:01:33,270  
retrofire at t plus eighty nine minutes

32  
00:01:37,999 --> 00:01:35,219  
as the spacecraft approached the west

33  
00:01:40,039 --> 00:01:38,009  
coast the re-entry procedure was

34  
00:01:42,139 --> 00:01:40,049  
initiated and the spacecraft encountered

35  
00:01:45,139 --> 00:01:42,149  
the Earth's atmosphere approximately 300

36  
00:01:47,510 --> 00:01:45,149  
miles east of Savannah Georgia the

37  
00:01:49,279 --> 00:01:47,520  
probable impact point indicator operates

38  
00:01:52,760 --> 00:01:49,289

on separate individual electrical

39

00:01:54,469 --> 00:01:52,770

circuits by the Goddard computers one

40

00:01:57,319 --> 00:01:54,479

hour and 49 minutes after launch