

# Apollo 13

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## Apollo 13

### **Apollo 13 - NASA**

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### **APOLLO 13 - NASA**

Apollo 13 was planned as a Type H mission, a precision piloted lunar landing demonstration and systematic lunar exploration It was, however, aborted during translunar flight because of the loss of all the oxygen stored in two tanks in the service module

### **Apollo 13 Viewer 97 - 71a1370 - NASA**

Astronauts and flight controllers anxiously monitor consoles duringthe Apollo 13 mission SC--Andit looksto me, looking out the hatch, that we are venting something We are venting something out into space It'sa gasofsome sort Current from the remainingfuel cell dropped slowly CAPCOM-- We'dlike youto power downuntil youget anamperage of10le

### **Apollo 13 - tra-spacepark.org**

On April 13, 1970, astronauts Jim Lovell, Jack Swigert and Fred Haise had just finished a routine television broadcast, beaming images of the Apollo 13 interior back to earth Suddenly, a blast tore through the spacecraft and Commander Lovell uttered the now-famous message, "Houston, we have a problem" The

### **APOLLO 13 MISSION REPORT SEPTEMBER 1970 - NASA**

APOLLO 13 MISSION REPORT Change i May 1970 [ James A McDivitt Page 1 of 13 pages b Colonel, USAF (with enclosures) Manager, Apollo Spacecraft Program After the attached enclosures (pages 7-3, 7-4, 7-7, 7-8, 11-3 through 11-6, E-3, E-4, and back cover), which are replacement pages, have been

### **REPORT OF - APOLLO 13 REVIEW BOARD**

The Apollo 13 accident, which aborted man's third mission to explore the surface of the Moon, is a harsh reminder of the immense difficulty of this undertaking The total Apollo system of ground complexes, launch vehicle, and spacecraft constitutes ...

### **Apollo 13, Houston, We've Got a Problem. INSTITUTION ...**

successful lunar experiment of Apollo 13 The path of Apollo 13 was so true that a scheduled course adjustment was cancelled as unnecessary No major mission event was scheduled until 8:54 pm, Sunday, when a hybrid transfer was initiated This rerouted the craft to sweep within 70 miles of the Moon rather than the approximately 115-Apollo

### **APOLLO 13 VIDEO WORKSHEET - WordPress.com**

APOLLO 13 VIDEO WORKSHEET 1 What date was the Apollo 1 Pre-Launch Test? A) June 27, 1967 B) January 27, 1967 C) June 18, 1968 D) January 18, 1968 2 What sort of car does Tom Hanks' character (Jim Lovell) drive? A) Mustang B) Cadillac C) Corvette D) Pontiac GTO 3 Who was the first man on The Moon?

### **Houston, we've got a problem. - NASA**

Apollo 13 astronauts move out from transfer van Launch of Apollo 13 Even before launch, Apollo 13 provided a sobering reminder that the problems and dangers of exploring space are beyond anticipation and that engineering genius is not without limitations Sometimes the problems are minor in the context of Earth-bound

### **Gene Kranz U.S. Air Force, and flew high performance jet ...**

carried him through the Apollo 13 crisis, is a major theme of his motivational message ! After receiving his BS degree in aeronautical engineering from Parks College of St Louis University in 1954, Kranz was commissioned in the US Air Force, and flew high performance jet fighter aircraft, including the F-80, F-86, and F-100 In

### **Apollo 13 (1995) - IMDb**

Jun 30, 1995 · Directed by Ron Howard With Tom Hanks, Bill Paxton, Kevin Bacon, Gary Sinise NASA must devise a strategy to return Apollo 13 to Earth safely after the spacecraft undergoes massive internal damage putting the lives of the three astronauts on board in jeopardy

### **Apollo 13 launched to moon - rocklin.k12.ca.us**

to get the Apollo 13 crew home alive At 9:00 pm EST on April 13, Apollo 13 was just over 200,000 miles from Earth The crew had just completed a television broadcast and was inspecting Aquarius, the Landing Module (LM) The next day, Apollo 13 was to enter the moon's orbit,

### **Apollo 13 (film) - Wikipedia**

### **AIAA 13 Things That Saved Apollo 13 Release Version [Read ...**

That Apollo 13's destination was the lunar highlands of Fra Mauro causing additional descent propulsion fuel to be onboard the lunar lander providing greater latitude of use of the lander's descent engine in the rescue (Had the explosion occurred on Apollo 8, Apollo 10, and perhaps, Apollo 11 or Apollo 12 the outcome would have been dire)

### **Apollo 13 letter of thanks - Honeysuckle Creek Tracking ...**

Apollo 13 landing were accommodated without problem Such flexibility in GOA support is a significant contribution to the successful recovery of the Apollo 13 crew These contributions to saving the lives of our astronauts and the extraordinary skill and devotion which was shown in this greatest emergency of our

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**

APOLLO SPACECRAFT FLIGHT HISTORY Mission SEacecraft Description Launch date Launch site PA-1 BP-6 First pad abort Nov 7, 1963 \>lhite Sands Missi2e Range N lex A-001 BP-12 Transonic abort May 13, 1964 \>lhite Sands Missile Range, N Mex AS-101 BP-13 Nominal launch and May 28, 1964 Cape Kennedy,

**Case Study Report Apollo Project (US)**

(Apollo 13) prevented the intended mission from being accomplished These was a large amount of data and material collected as the result of the lunar missions During each mission, the crew emplaced and activated a lunar geophysical observatory to be controlled and monitored from Earth, collected samples of lunar

**Apollo 13 Lunar Landing Mission MacKay Receives NASA ...**

The Apollo 13 lunar module will stay on the Moon more than 33 hours and the landing crew will leave the spacecraft twice to emplace scientific experiments on the lunar surface and to continue geological investigations The Apollo 13 landing site is in the Fra Mauro uplands; the two previous landings were in mare or "sea" areas, Apolin i1 in the

**Apollo 17 Press Kit - ibiblio.org**

APOLLO 17 (To be launched no earlier than Dec 6) contents 1T-5 COMPARISON OF LUNAR SCIENCE BEFORE AND AFTER APOLLO 6-13 APOLLO 17 MISSION OBJECTIVES 14 LAUNCH OPERATIONS 15-17 COUNTDOWN 18-21 Launch Windows 20 Ground Elapsed Time Update 20-21 LAUNCH AND MISSION PROFILE 22-32 Launch Events 24-26