



















#### The Evidence

- Computing power just wasn't up to the task
- Radiation in space would kill the astronauts
- Video anomalies : filmed on Earth, just slowed down

flags wave in the breeze dust doesn't fall at the right rate hammer and feather experiment rocket exhaust not visible from LM

• Image anomalies : many anomalies are quoted...



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### So Many Image Anomalies...

- Shadow angles are inconsistent with illumination by Sun
- Shadow lengths are inconsistent with illumination by Sun
- Shadows are filled in by another light source
- No stars appear in the sky
- No blast crater underneath the Lunar Module engine
- Same background appears in images of different regions

... and dozens more



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#### So Many Image Anomalies...

Concerning the Hasselblad cameras used...

- Astronauts couldn't operate the cameras with gloves
- Fiducial cross marks appear behind objects
- Images are perfectly framed even though no viewfinder



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#### **Look at the Evidence**

Let's look at the evidence, piece by piece, and see how much of it stands up to scientific scrutiny.

Computers

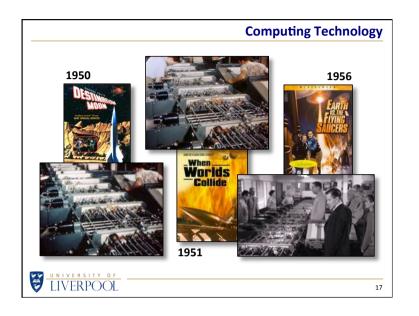
Radiation

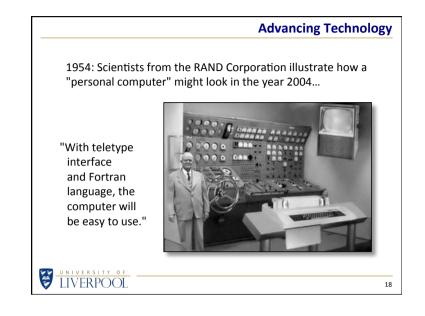
Video clips

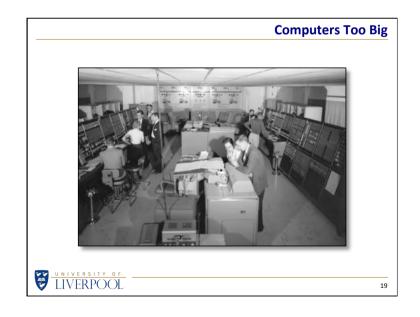
Still images



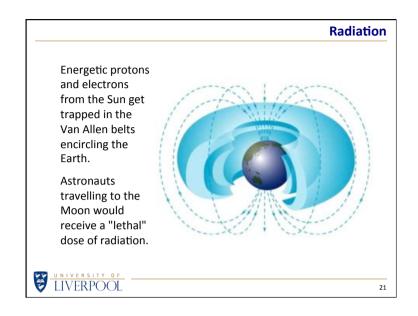
16

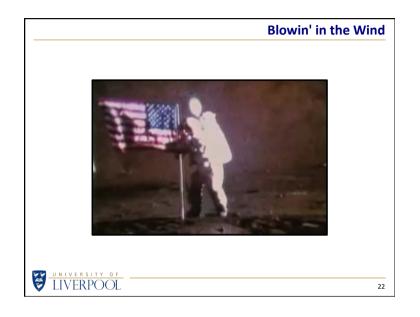




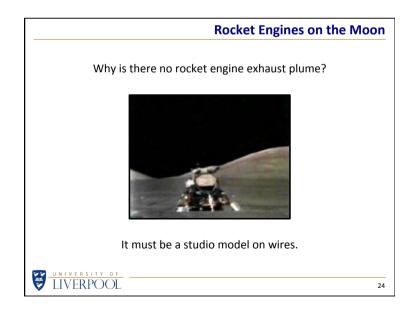


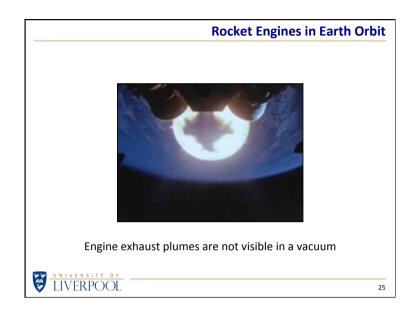




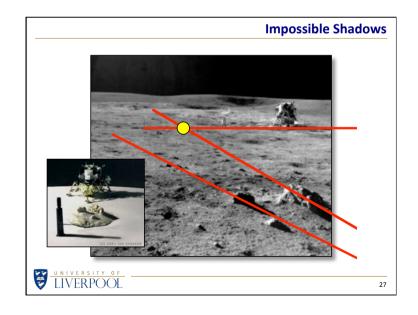


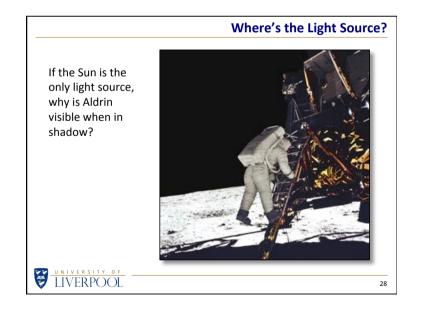


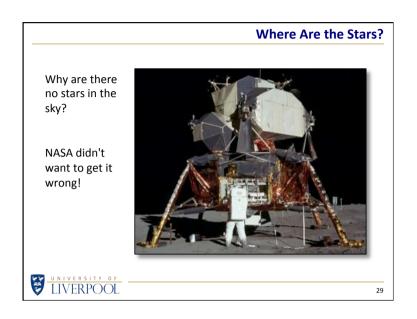


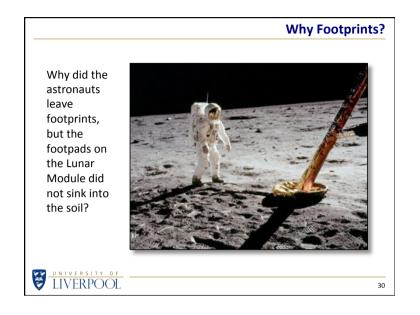


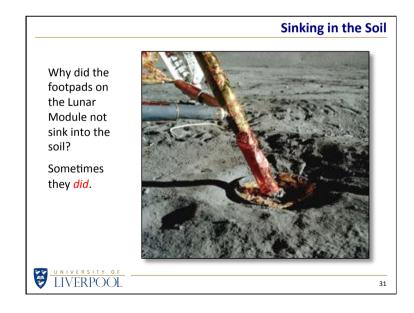


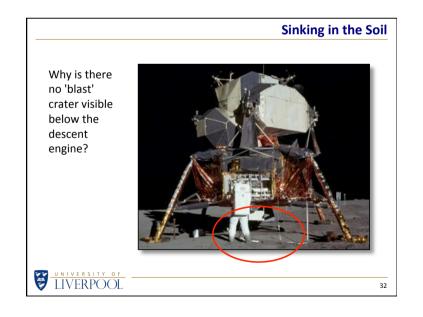


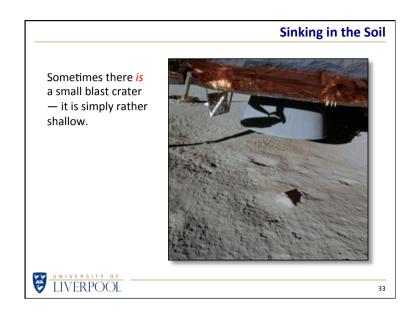




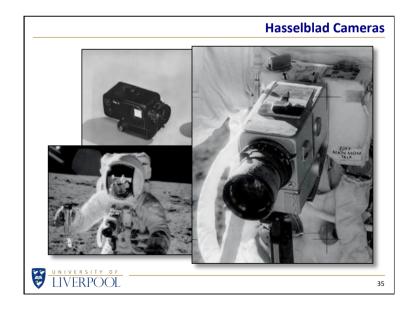


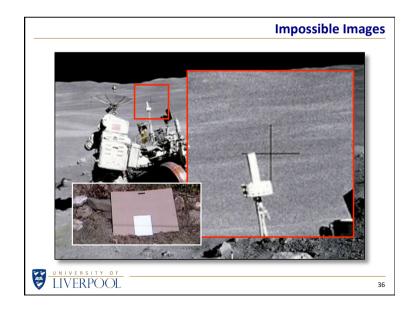


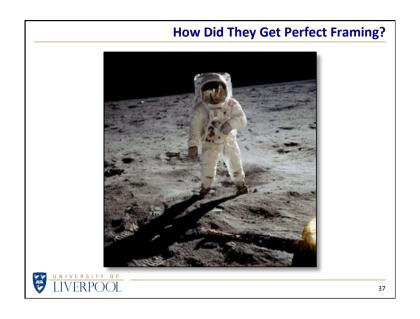


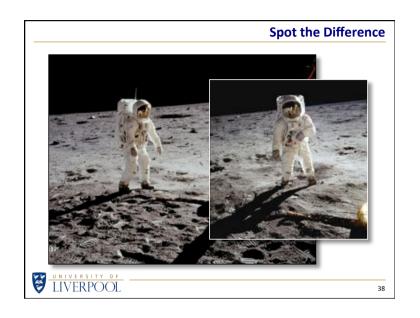




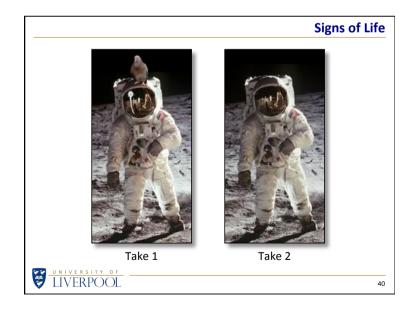


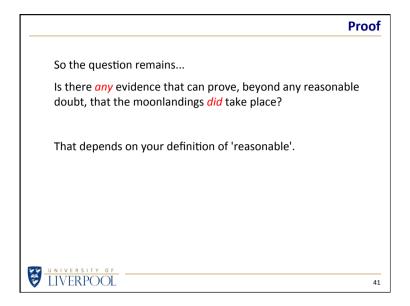


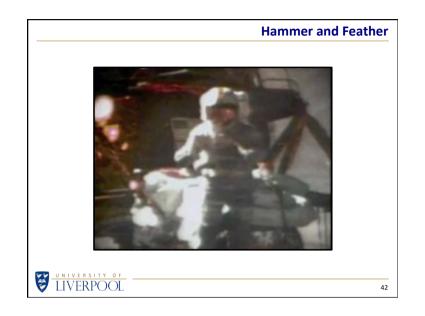




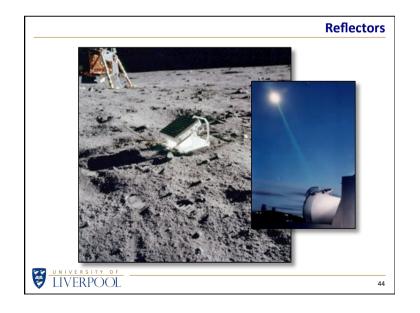


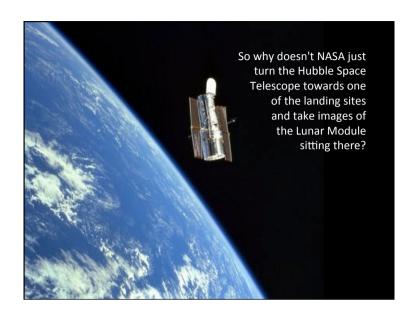














Despite what some Moon Hoax advocates believe, we still have to obey the laws of physics.

Resolution of the HST  $\sim \lambda / D \sim 0.2 \mu radians$ 

~ 10 millionths of a degree

~ 0.05 arc seconds.

To see an object a few metres across at a distance of 400,000 km would need a resolution of

 $\sim 0.01 \,\mu \text{radians}$ 

~ 0.002 arc seconds.

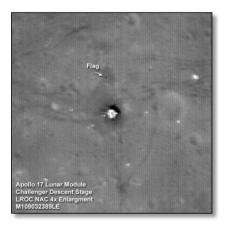
The Lunar Module is too small by a factor of ~ 30.



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# Can Anything See Apollo?

The mapping satellite Lunar Reconnaissance Orbiter Camera (LROC) has a Narrow Angle Camera (NAC) that can see the evidence.





LIVERPOOL

#### **Be Sure of Your Facts**

Professor Goddard does not know the relation between action and reaction and the need to have something better than a vacuum against which to react. He seems to lack the basic knowledge ladled out daily in high schools.

New York Times editorial 1921

Correction: It is now definitely established that a rocket can function in a vacuum. The Times regrets the error.

New York Times July 1969

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