

GHOST System - How can we use

Obtain atmospheric data on a global basis using superpressure balloons.

Why - Satellites + Computers

NAS Computers need numbers - Set ground

Radiosondes - windsondes - 1 M & / stat.

What are problems

What's new? Superpressure

Nimbus 3 types - rubber

Electronics - simple zero-pressure.

Hazard - must be deflated superpressure

Robinson, Bumblebee / Slide 2/2

How long? - diffusion

Costs - 10,000 \$ / 40 / Slide 3/1

How large? - payload + flight = 1000 \$

How stable? $\text{Drag} = \text{restoring force}$

Sphere 1 MPH = 150'

Modulus changes
200' max.

We have a balloon - How can we use it.

Slide 4

Meet Nimbus B; 15 404 with
Acole Project

NAS Plan (Chaney report) w.w.w.

What are problems

Ranging?

Letter to Nimbus B - finalizing our

Electronics - simple request

Hazard - must be defined

Letter to letter - Robin, Bumblebee, Gnat.

code + transmission

Costs - $10,000 \leftarrow \$400 \times 2 = 8 \times 10^6 \text{ \pounds}$

check on $10,000 \times \$400 \times 24 = 100 \times 10^6 \text{ \pounds}$

Balloon life - S.H. Tests.

Slides 5, 6, 7, 8, + 9