

1 Feb.

SS staff -

Tom Sullivan - B-41 Summ of Apollo -
R7 surface

1 pg

Lee -
TCS

Tool kits for EVA - Current kit not realistic

Tried to force design - Also single handed ops - No velcro

Noise NC - 40 - 55

No leak detectors -

Filters 90 days -

Resistance to use Air Research coupling (competitor).

Complex designs ignorant of prev. successful design.

WP - 2

Fri. Coors

3 team SW + Avionics

Hdw.

sys.

Config + assy - team.

- level 2 options sched.

New Facilities - Mac Dsgc -

Brains increased in size - and ~~someday~~ at some time
the final and great miracle ^{of evolution} occurred - the thing that I
believe makes us human. We became free - free to
choose. Before this time nervous systems were hard
wired, ~~perma~~ and ^{largely} preprogrammed ^{from birth}. A colt foal can
run in the herd from birth and while its behavior
can be changed it has little understanding and little
or no choice - Conversely humans have both understanding
and some freedom of choice - In a moment of time we
progressed from the first use of fire and tools to
control of ~~the~~ fires that ~~have~~ ^{we} taken us ~~off~~ off the earth
and is ready to take us to another planet -

But the question is often asked - are we ready to go?
How far can this human body go.

Let's look at space flight today and then at
the effects of this such flight and how human
such flights may affect ~~humans in~~ the future of humans.

~~NASA's human flight system~~

There are three basic problems for humans in space.
First the human body is relatively fragile and must
be protected. It also requires the essentials of life -
air, water food, etc. ~~Finally~~ And if it is