

get
partial
from
position
CC2E

Physiol Req & Constraints for S/C atmosphere.

1. Atmos or

Psychophys - Hypoxia - Define.
Hyperoxia -
Dysbarism -

(History of 100% O₂ on pad - - med exp.)

Hypoxia - considerations

- 1) Performance - not TUC.
Pad for man, % hypoxia.
- 2) Triggering adaptive mechanisms
ev. exp. results. not lessened.

Dimin
like moc's
Toxical.

Don't stay at

2-4 hrs adaptation. Symptoms of equation - total press & partial press or
non-linear system & 2 variables.

Req. are -

Ground Rules - Harry.

Then Mission Rules -

out off?

Dysbarism - 4 hrs denitro - probability low
graph T & Co. Li at 2 hrs. 2 $\leftrightarrow$ 4 hrs

Lowagreement

1. Test data - no hyp press in $\rightarrow$ suit looks.
2. PO₂ sensor - adequate to read? accuracy
3. Ops procedures for T & P Δ P + O₂ sensor products

Denitro
ons low
Michael
etc?

16,000 - 80% at port 5 up.

Write up summary send to STOC sub Comm.

Alke:

? Are airlines & people in Denver unsafe?
Is USAF std unsafe.
How many people in world are always hypoxic?

Battery valve closed.

Rule - is suit off -

What then at launch meets our req.?

John Z. - mission rules.
Recovery Pay etc.

Send memo re new position on sign off -

See Deke & Chris re their method -

PHYSIOLOGICAL CONSTRAINTS FOR S/C ATMOSPHERE

ANY ATM. SUPP. LIFE (O₂) HAS SOME FLAMMABILITY
[CONF. TESTIMONY]

HYPOXIA

HYPEROXIA

DYSBARISM

Call Duggin -
Letter re organization
meet a group Shuman & Duggin.

Shuman's blood.

P02 - -

Exp. : Blood : T.W.K. ?

Sitman Lane.

AAP-1-2. - - { Reduce medial. timeline.
(more for -) Vectorcardiograph - of other days.
- Combine ECG & EKG leads.

Schedule to Jim Thompson: - Shuman
Thuman

23rd

ACTION:

① Letter to Thompson re Sci. Astro help & clarification
re AAP reply.

②

REQUEST COPY OF 6 PSI TESTS-

DO 16 PSI TESTS.

OUR TEST NEEDS...

Document !!!

N₂ BEHIND THE PANELS,

WHY TEST ON PAD AT 16.2 INSTEAD OF 15.

LEAK TEST IN OCP. - 20 MIN. AT 17 PSI.

MEMO STAT 1.1

16.2

ALSO ON LTA-8.