

Transient

Post Flight Problems

Measure changes in strength

Attempt physical maneuvers on landing

Do inflight exercise to prevent changes

Loss of Muscle Strength

Document Loss of Strength/Mass

$\bar{c}$ + $\bar{s}$ exercise -

Optimize Inflight

Need adequate \$ Orbiter Treadmill,
develop & fly -

EDF

10 D - 5
84 D - 3E

16



- 1) Use existing Knowledge
- 2) Boot strap Flight experience
- 3) Do Essential Studies

Problems, Human Crew

Vehicle - Waste Collection

Trash Control

Space Crew

Human - Transient - Post Flight weakness - instability

Post Flight

Loss of Strength + Muscle Mass, Cardio Respiratory capacity

Orthostasis





