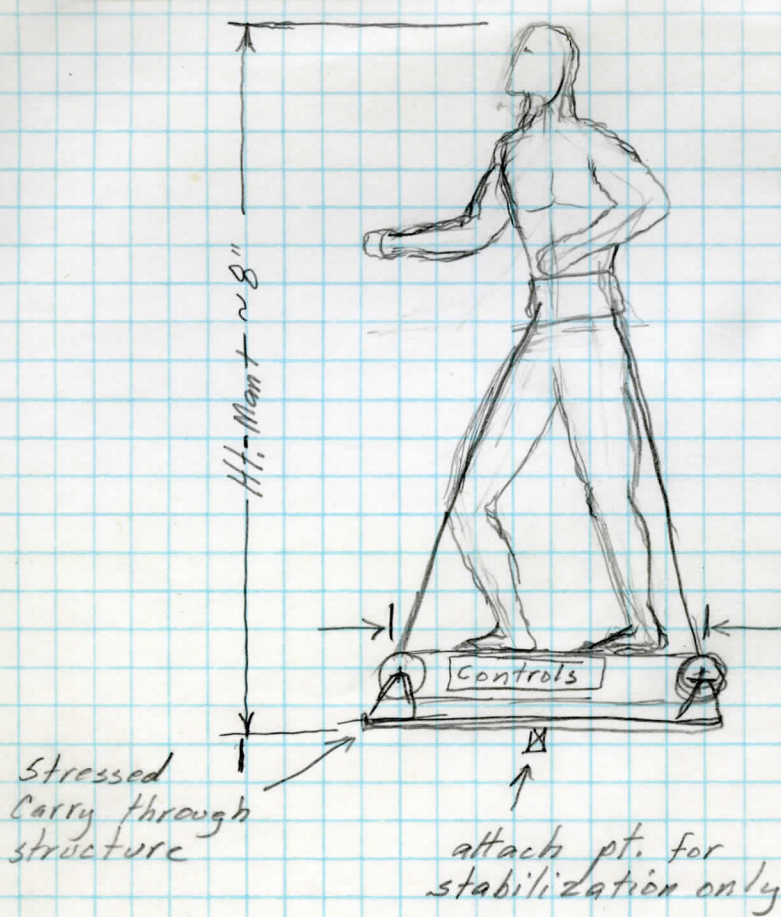


Sketch in Leg mode -
Arm mode requires less vol.



Width - 18" - may be reduced if required

This distance may be limited by available space - should be 30 ins min - 36 or more is desirable.

Power = zero

Heat production + O_2 Cons. is f of crewman -
Max expected ~ 1500 W/Min
6-7 L. O_2 /Min

Est. Wt. 15-20 lbs.

Conceptual Sketch
of

Shuttle Exerciser

Sh. 5 - 6.12.74