

July - Aug - '65

simple study - SAM  
constrained to linear motion  
resistances minimized  
optical pick off at  $\dot{x}$  max  
Springs - stability -  
man studies - inadequate

Aug - Sept - '65

Mr. Dougal & Mr. Garbich -  
rolling carriage - demonstrated  
inadequacy of mech. bearings

Sept - ~~zero~~ Focussed zero  
X detector

Air bearing set up

Nov - performance of spring  
& air bearing & optical zero  
cross confirmed  
R<sup>o</sup> paper  $\bar{z}$  results

Dec & Jan '65 study of man carrying  
version  $\bar{z}$  air bearing

Feb - SWRI in

Apr. 66 - Joint effort on  
replacement of air bearing

S.W.R.I. - W.T. wrote on electronics  
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