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Smithsonian National Air and Space Museum Archives

Aaron A. Sargent 1883 Designs for Aerial Ship

Extracted on Jan-30-2023 03:17:09

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2.5 grms per cu ft
 450 " " [[dittos for grms per]] pound
 2.5) 450. (180 = cu ft to lb

900) 110.0 (.122
 [[calculation under 110.0 above]]
 900
 [[line]]
 2000
 1800
 [[line]]
 200
 [[/calculation under 110.0 above]]

[[multiplication calculation]]
 13
 50
 [[line]]
 650
 [[/multiplication calculation]]

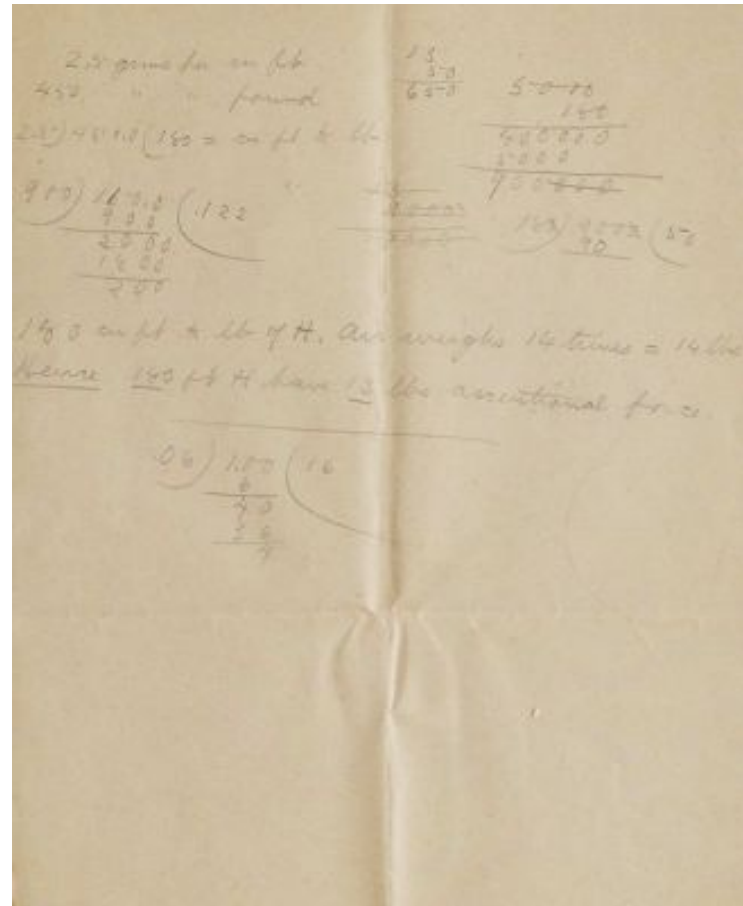
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 180
 [[line]]
 400000
 5000
 [[line]]
 900[[strikethrough]]000[[/strikethrough]]
 [[/calculation]]

[[calculation]]
 [[/strikethrough]]
 13
 9000
 [[line]]
 7000
 [[/strikethrough]]
 [[/calculation]]

18[[strikethrough]]0[[/strikethrough]]0
 900[[strikethrough]]0[[/strikethrough]] (50
 90
 [[line]]

180 ct ft to lb of H. Air weighs 14 times = 14 lbs
 Hence 180 lb H have 13 lbs ascensional force.

[[line]]
 .06) 1.00 (16
 6
 [[line]]
 40
 35
 [[line]]
 4



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