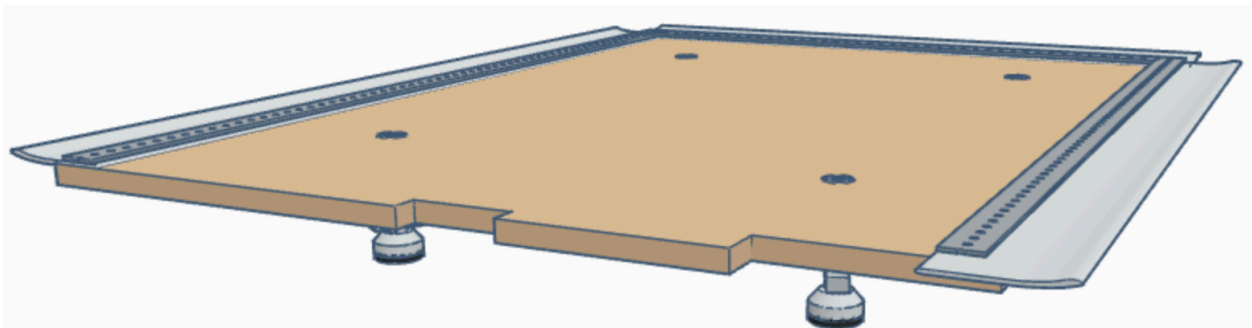
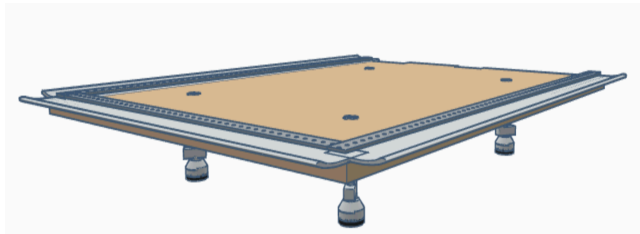
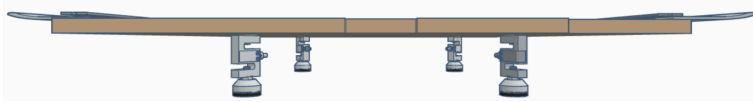
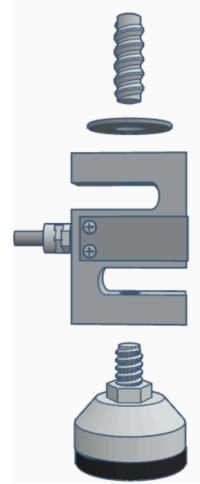
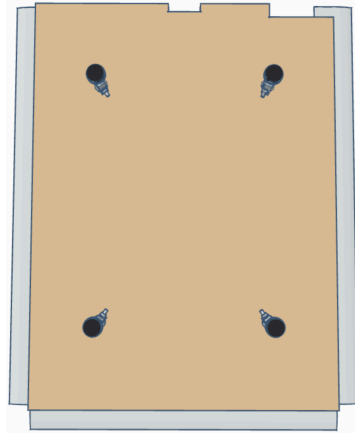
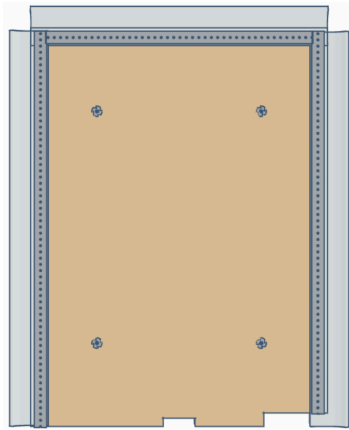


# False-Floor Instructions

By: Paws4ThePolls



## Materials Needed (Pictures in next page)

A. 3' x 4' x 3/4" (W x L x H) Pressure-Treated Pine Plywood Qty: 1

### Top of Floor

B. 1-3/8" x 4' Steel Flat Bar Qty: 2

C. 1-3/8" x 3' Steel Flat Bar Qty: 1

D. #12 x 3/4" Pan Head Phillips Screws Qty: #

E. Clear RESILIA Vinyl 8" x 8' PVC Strip Qty: 2

### Bottom of Floor

F. 0.55" diameter T-nut Qty: 4

G. 0.5" x 1.5" Flat Washer Qty: 4

ID: 0.53" OD: 1.49" T: 0.05" Flat Washer

ID: 14 mm OD: 38mm T: 1.4 mm

H. M12-1.75 # Fully Threaded Stud Qty: 4

I. Compression and Tension Sensor S Beam Load Cell Qty: 4

J. 20mm Nut Qty: 4

K. M12-1.75 x 41 mm Thread Bolt Qty: 4

L. Leveling Foot Qty: 4

M. Lock Tight

### Circuit Enclosure

N. Circuit Box Qty: 1

O. ESP 32 (Heltec WiFi LoRa V3) Qty: 1

P. HX711 Load Cell Amplifier Qty: 1

Q. 10000 mAh LiPo Battery Qty: 1

R. Button (Tare)

Qty: 1

S. Wire Rails and/or Perfboard

Qty: 2

T. Battery Connector Hardware

Qty: 1

U. Solder (0.6 mm or smaller)

Qty: N/A

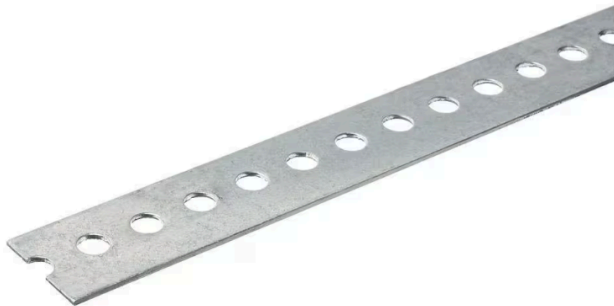
V. Wire (~20 gauge)

Qty: N/A

I., J., and K. will all be glued together with thread lock



A.



B./C.



D.



E.



F.

14mm/0.55 in



25mm/0.98 in

G.



H.



I.



J./K./L.