

## MPS 100

## AIRCRAFT

For Boys And Girls  
Ages 5 And Up

## 4 Models+

Any creation you can build

## LIGHTED

CONSTRUCTION SET INCLUDES:

- 2 Laser Pegs®
- 37 Construction Parts
- Mobile Power Source
- Instruction Manual

Batteries  
Included

Please read this manual before you begin! Failure to follow this manual's instructions may result in damage to the Mobile Power Source and/or Laser Pegs®. Not adhering to these instructions will void the manufacturer's warranty. The packaging must be kept because it contains important information.

**WARNING:**  
**CHOKING HAZARD**-Small parts. Not for children under 3 yrs. Do not submerge in water.

**Warning:** This product contains a button battery. If swallowed, it could cause severe injury or death in just 2 hours. Seek medical attention immediately.

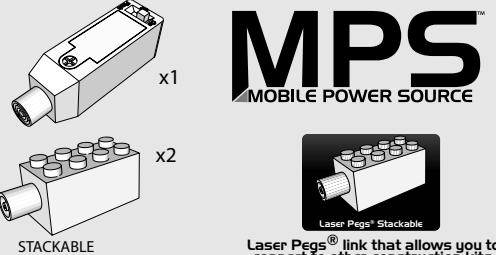
**WARNING: STROBE LIGHTS  
MAY CAUSE SEIZURES**

**EN71, RoHS COMPLIANT**  
This product complies to all safety requirements of ASTM F 963

## MODEL INSTRUCTIONS

All additional model instructions can be downloaded at [www.LaserPegs.com](http://www.LaserPegs.com)

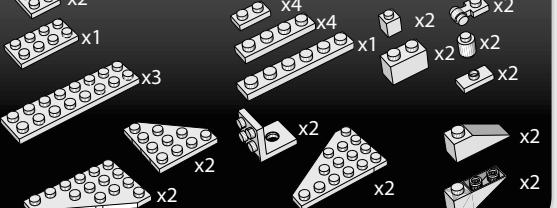
## Laser Pegs® Parts List



Laser Pegs® link that allows you to connect to other construction kits.

**MPS**  
MOBILE POWER SOURCE

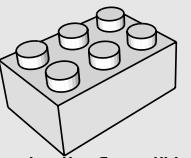
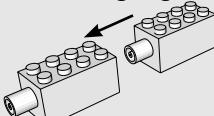
## Construction Parts List



[www.LaserPegs.com](http://www.LaserPegs.com)

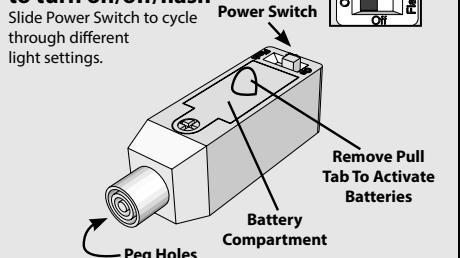
This manual is copyright and cannot be reproduced or used online without Laser Pegs® Ventures LLC permission. Copyright 2013 © All Rights Reserved US Patent #7,731,558 Additional Global & Multiple Patents Pending. Laser Pegs® Ventures LLC, 8304 Consumer Ct., Sarasota FL, 34240. Contact: Support@LaserPegs.com

## Connecting Pegs



Construction Compatible

To construct with Laser Pegs®, slide two pieces together to form a connection. Slide each piece on and off smoothly.

Slide Power Switch  
to turn on/off/flash

\*To avoid short-circuits, keep metal objects and other unauthorized materials from obstructing the peg holes.

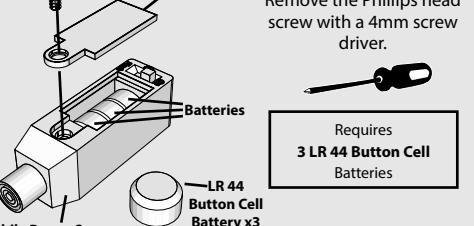
Please dispose of batteries properly as per state and local regulations.

## Replacing Batteries

1. Remove the Phillips head screw.
2. Remove the Battery Compartment Cover.
3. Place three LR 44 batteries in the correct position. (Batteries are to be inserted with the correct polarity).
4. Replace the Battery Compartment Cover.
5. Replace the Phillips head screw.
6. Slide Power Switch to turn on!
7. Do not mix old and new batteries.
8. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium, NiMH) batteries!
9. Exhausted batteries are to be removed from the power base.
10. Never connect more than 4 Laser Pegs®.
11. Non-rechargeable batteries are not to be recharged.
12. Rechargeable batteries are only to be recharged under adult supervision.
13. Rechargeable batteries are to be removed from the toy before being recharged.
14. The supply terminals are not to be short-circuited.
15. DO NOT THROW BATTERIES INTO FIRE!

Screw  
Battery Compartment Cover

Remove the Phillips head screw with a 4mm screw driver.



Requires  
3 LR 44 Button Cell  
Batteries

LR 44  
Button Cell  
Battery x3

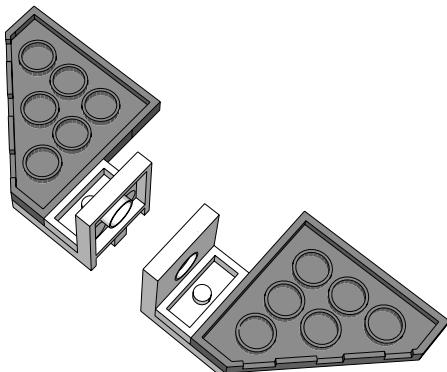
**WARNING!** Each Laser Peg® draws current from the batteries. Therefore, the more pegs you use, the quicker you will deplete your battery power! As the power weakens, the current will slowly fail and some Laser Pegs® will illuminate (typically the reds and yellows) and some won't. When the Laser Pegs® dim, the Laser Pegs® are not broken, they just need stronger batteries. You have 3 simple options...

1. Change the batteries.
2. Use high quality batteries. They will last a little longer, but they will still deplete rapidly the more Laser Pegs® you connect!

**LIGHT BOMBER:** A fast, military aircraft created to carry and drop explosive devices.



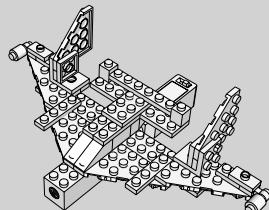
STEP  
3



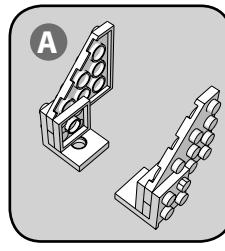
## LIGHT BOMBER

Model  
Difficulty  
Level

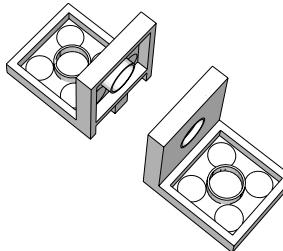
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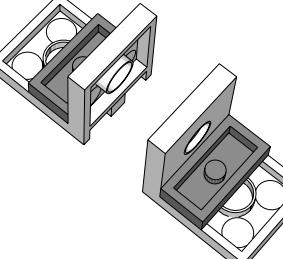
STEP  
4



STEP  
1



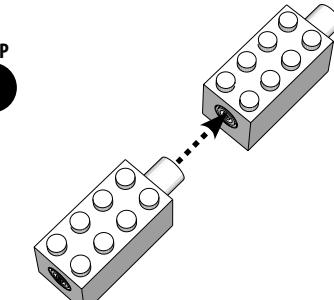
STEP  
2

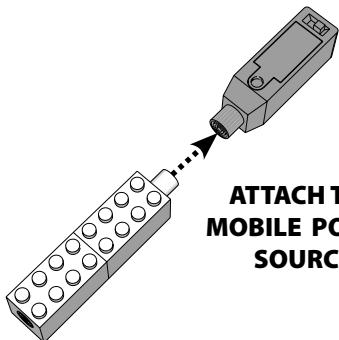
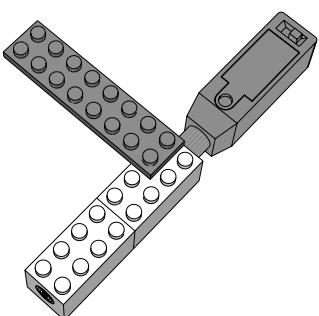
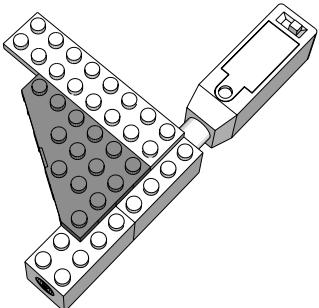
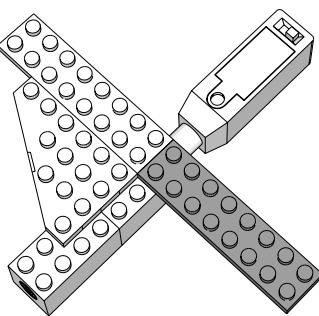
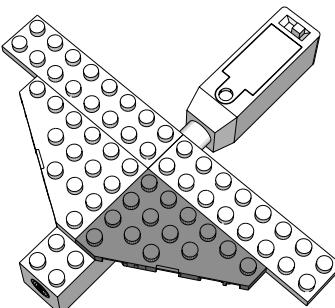
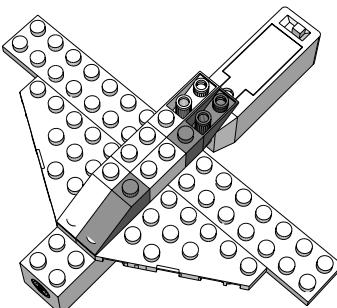
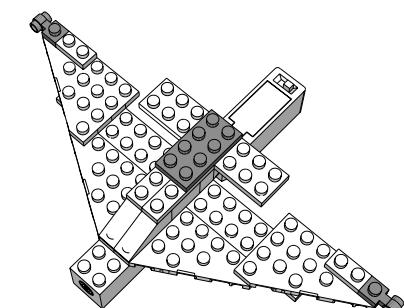
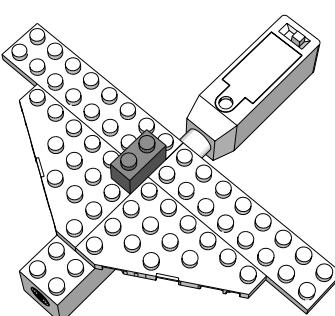
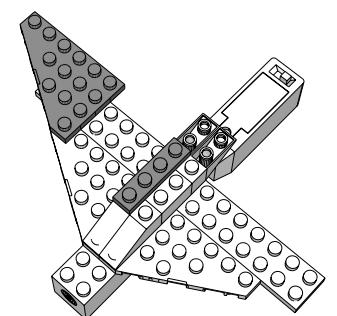
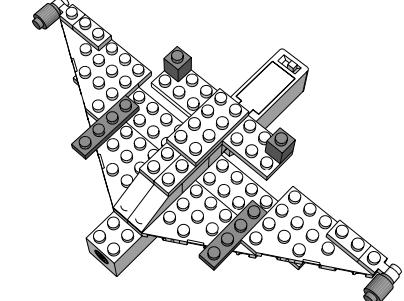
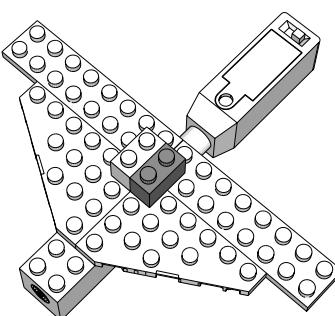
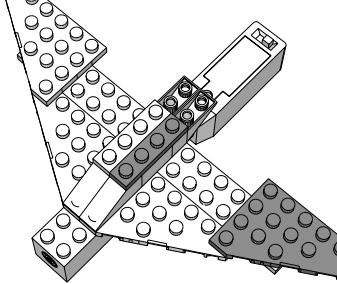
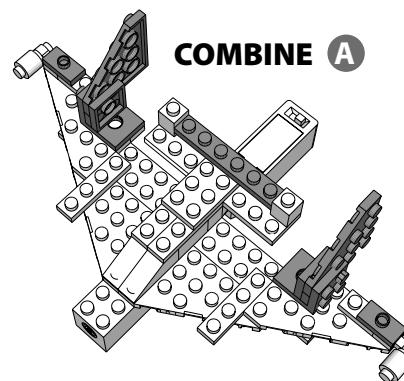
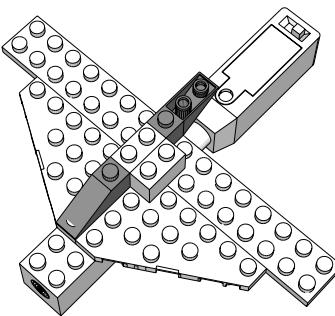
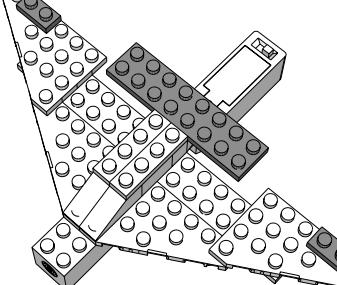
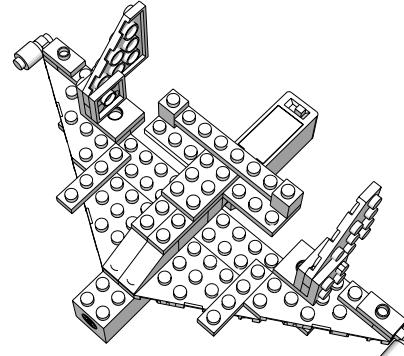


## Environmental Phenomena

\* The unit may malfunction if subjected to radio-frequency interference. It SHOULD revert to normal operation when the interference stops. If not, it may become necessary to turn the power off and back on, or remove and reinstall the batteries. \* In the unlikely event of an electrostatic discharge, the unit may malfunction and lose memory, requiring the user to reset the device by removing and reinstalling the batteries.

STEP  
5



**STEP  
6****ATTACH THE  
MOBILE POWER  
SOURCE****STEP  
7****STEP  
8****STEP  
9****STEP  
10****STEP  
14****STEP  
18****STEP  
11****STEP  
15****STEP  
19****STEP  
12****STEP  
16****STEP  
20****STEP  
13****STEP  
17****STEP  
21**

Laser Pegs® CARES  
Questions? Comments?  
For additional compliance info:  
1-866-432-3735  
Contact: [Support@LaserPegs.com](mailto:Support@LaserPegs.com)

[www.LaserPegs.com](http://www.LaserPegs.com)  
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US Patent #7,731,558  
MADE IN CHINA