

## 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

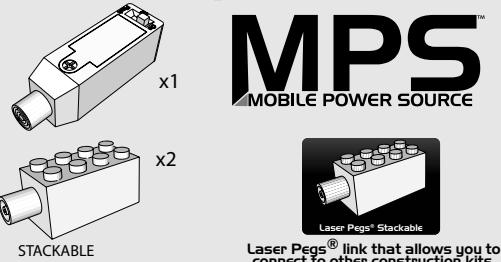
Batteries  
Included

**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)

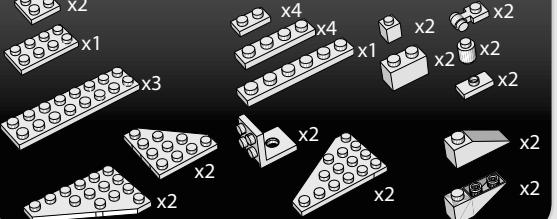
## Laser Pegs® Parts List



**MPS**  
MOBILE POWER SOURCE

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

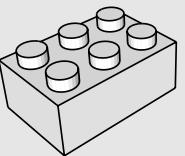
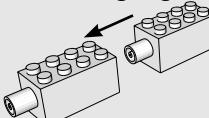
## Construction Parts List



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

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## 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

Slide Power Switch to cycle  
through different  
light settings.



Power Switch

Remove Pull  
Tab To Activate  
BatteriesBattery  
Compartment

Peg Holes

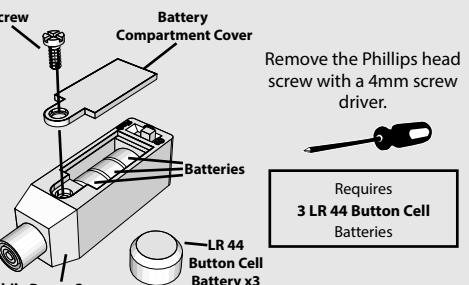
\*To avoid short-circuits, keep metal objects and other  
unauthorized materials from obstructing the peg holes.

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



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

Requires  
3 LR 44 Button Cell  
Batteries

LR 44  
Button Cell  
Battery x3

Mobile Power Source

**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...

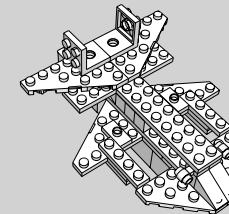
1. Change the batteries.
2. Use high quality batteries. They will last a little longer, but they will still deplete rapidly the more Laser Pegs® you connect!

**CARGO TRANSPORT:** A large, strong aircraft used to carry heavy materials.

## CARGO TRANSPORT

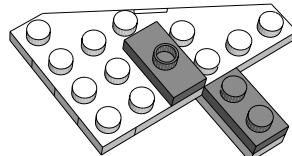
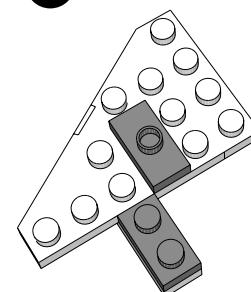
**Model  
Difficulty  
Level**

**2**



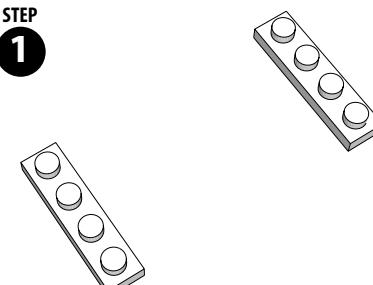
STEP

**3**



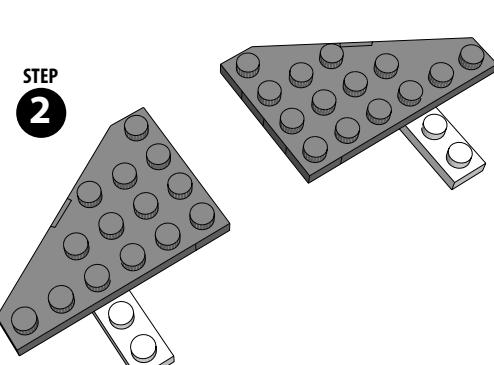
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**1**



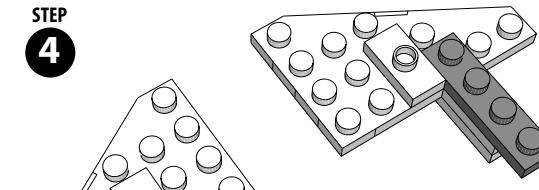
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**2**



STEP

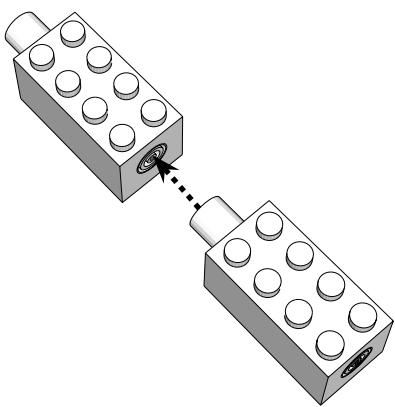
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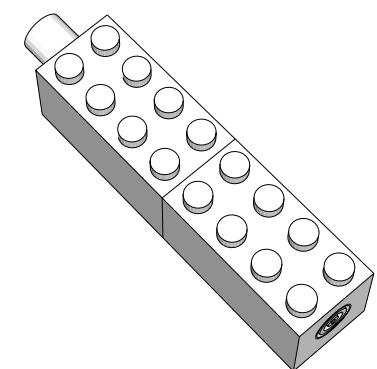
## Environmental Phenomena

\* 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.

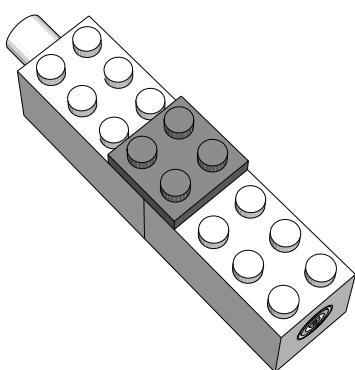
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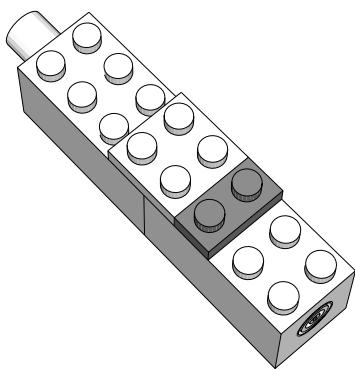
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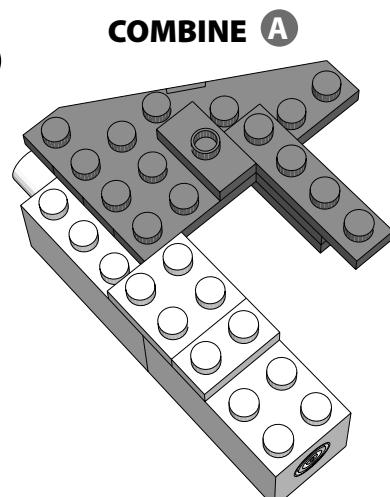
STEP  
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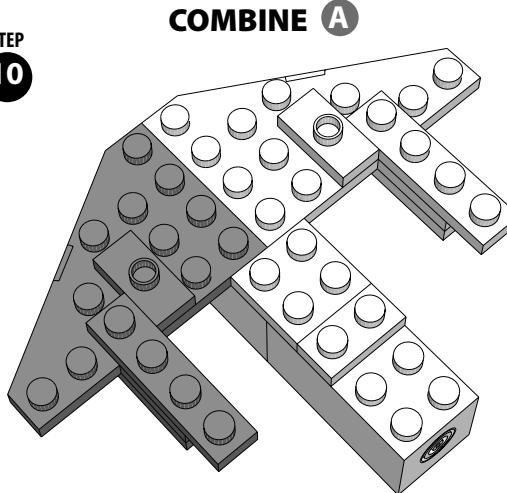
STEP  
**8**



STEP  
**9**

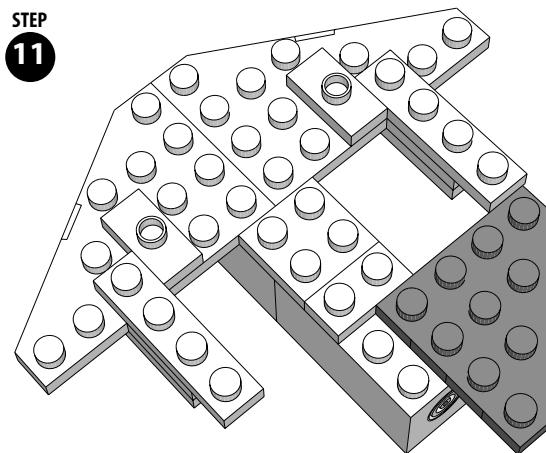


STEP  
**10**

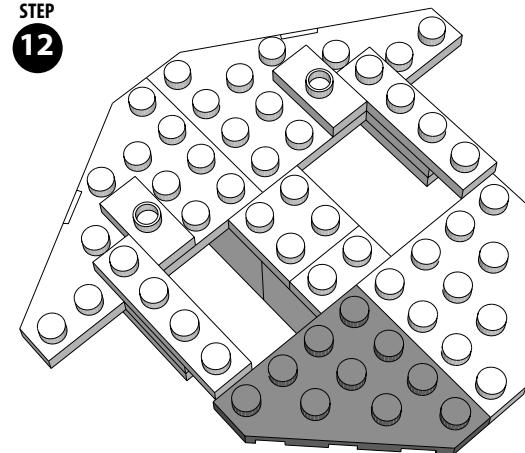


**COMBINE A**

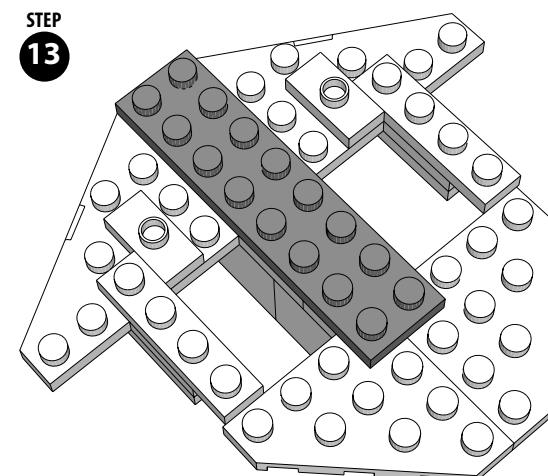
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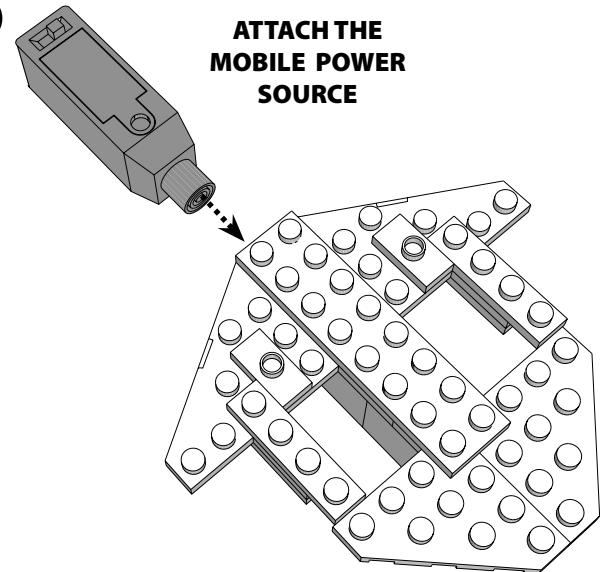
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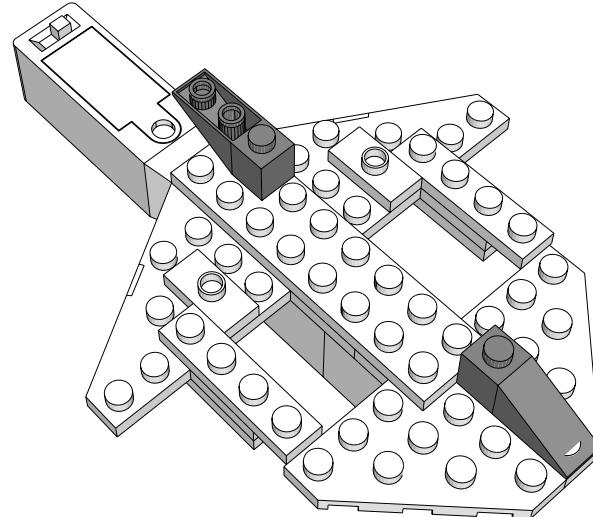
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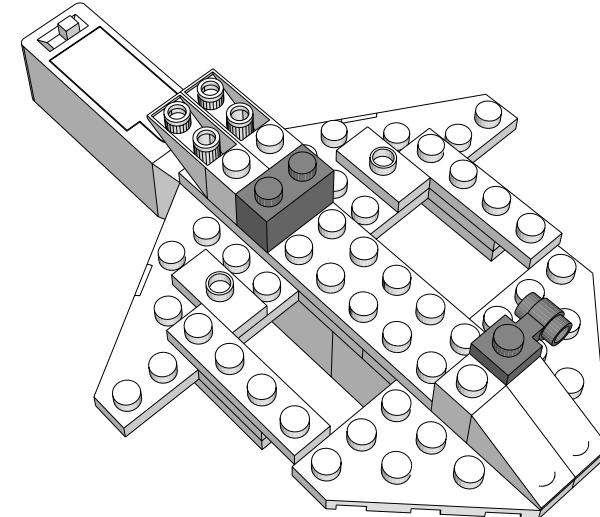
STEP  
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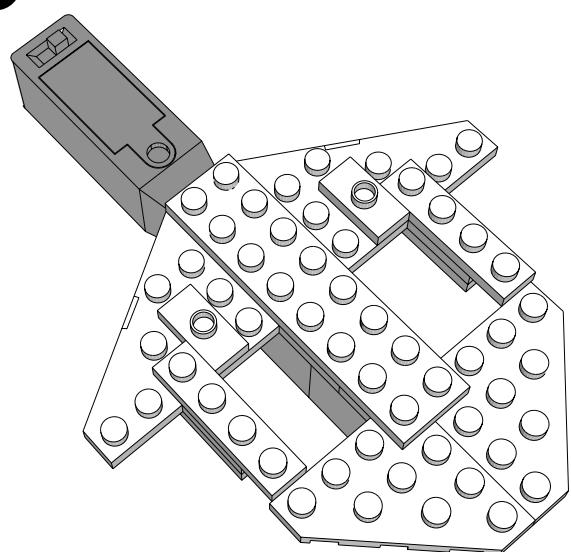
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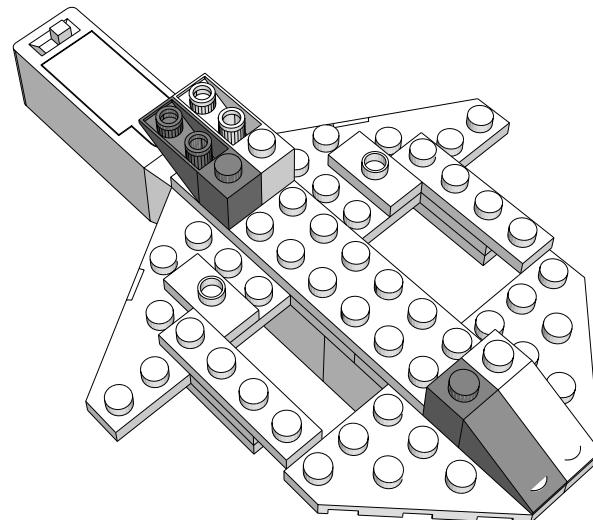
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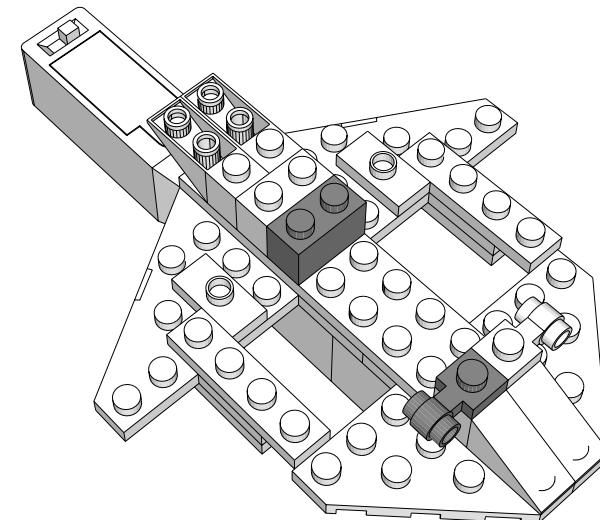
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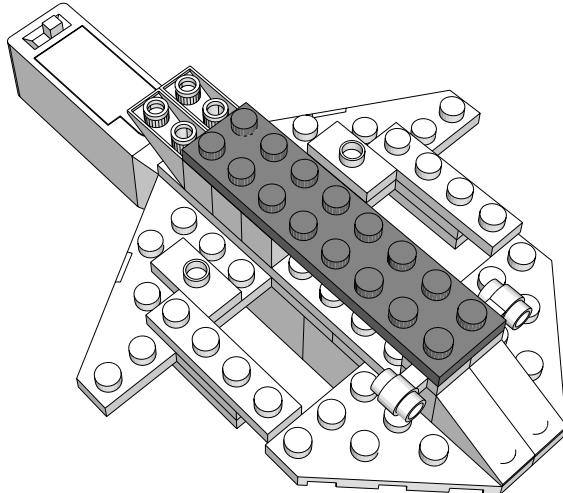
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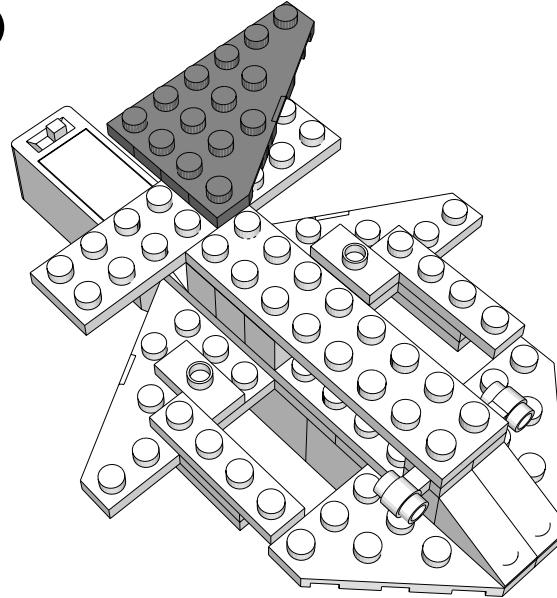
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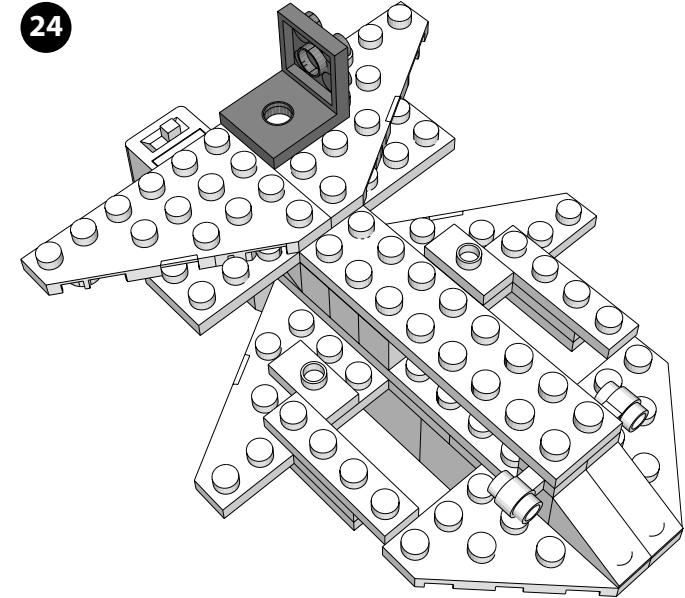
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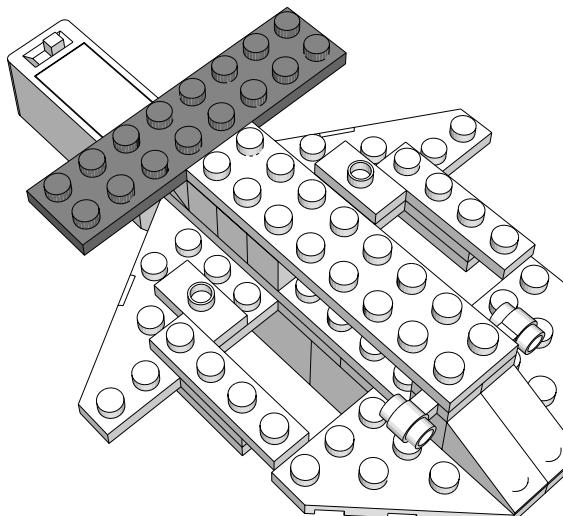
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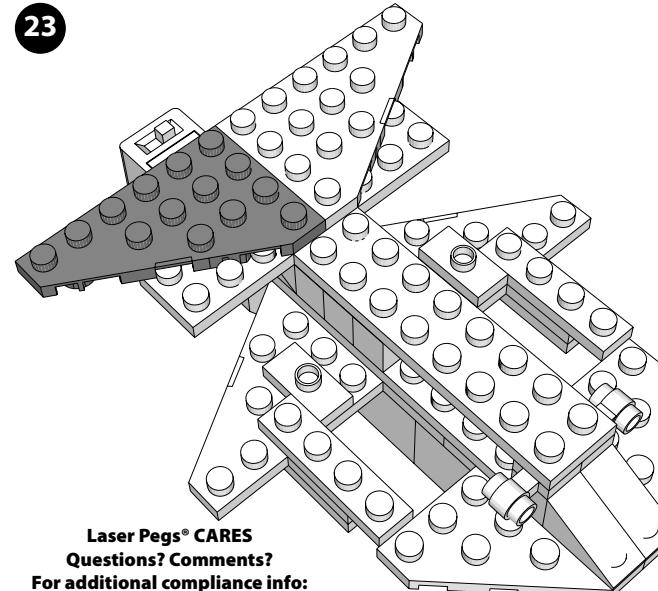
STEP  
24



STEP  
21

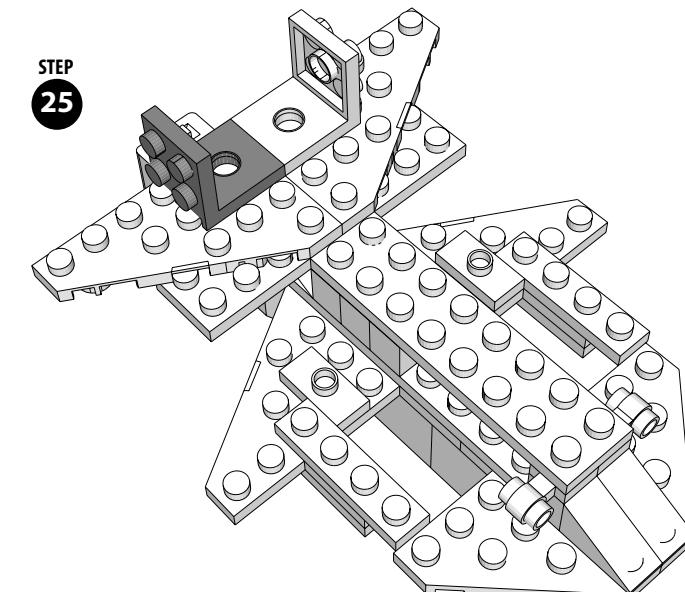


STEP  
23



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

STEP  
25



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US Patent #7,731,558  
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