

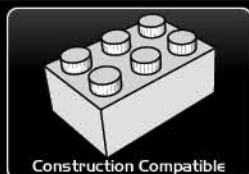
# LASER PEGS®

## The Ultimate Construction Toy For Kids®

**NATIONAL GEOGRAPHIC™**  
**NG400 SPACE**  
**Ages 5 +**  
**24 Models+**  
 ANY CREATION YOU CAN BUILD  
**LIGHT UP**  
 CONSTRUCTION SET INCLUDES:  
 • 36 Laser Pegs®  
 • 125 Construction Parts  
 • Laser Pegs® Peg Cord  
 • Triangle Power Base  
 • Instruction Manual

Please read this manual before you begin! Failure to follow this manual's instructions may result in damage to the Triangle Power Base, AC Adapter 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.



Construction Compatible

Compatible with other construction kits

Requires 3-AA Batteries

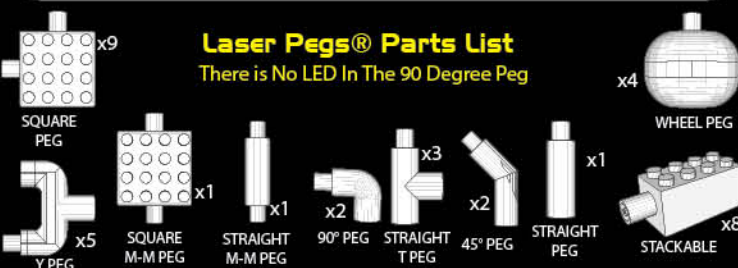
Batteries NOT Included

EN71, RoHS COMPLIANT

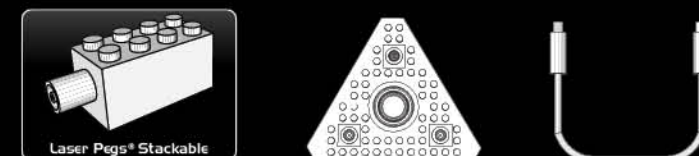
This product complies to all safety requirements of ASTM F 963

## MODEL INSTRUCTIONS

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



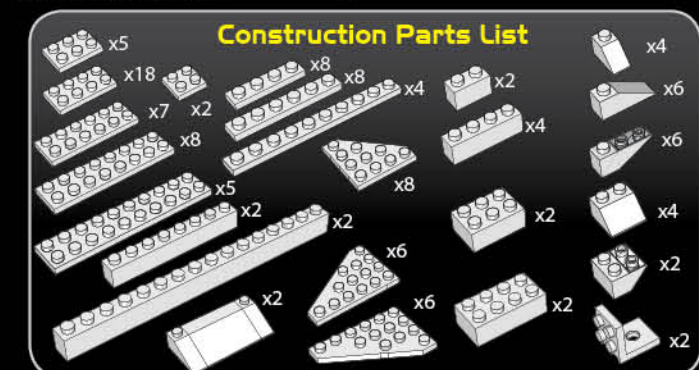
**Color Code** Each Laser Peg® is color coded on the circuit board inside each shape. There is No LED In The 90 Degree Peg.



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

Sound Activated Triangle Power Base

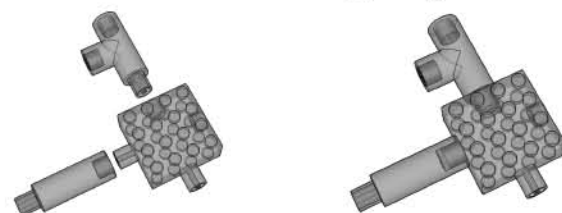
Laser Pegs® Peg Cord



[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 2014 © 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



To construct with Laser Pegs®, slide two pieces together to form a connection. Slide each piece on and off smoothly. The 90° Pegs are essential to construction but they DO NOT LIGHT UP.

### Environmental Phenomena

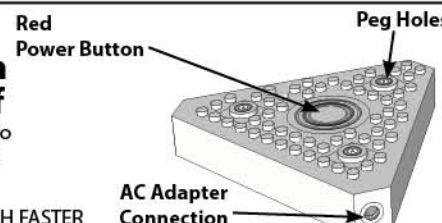
\* The unit may malfunction if subjected to radio-frequency interference. It SHOULD revert to normal operation when the interference stops. If not, it may become necessary to turn the power off and back on, or remove and reinstall the batteries.

\* 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.

## Push Red Power Button to turn on/off

Push Red Power Button to cycle through 4 different light settings.

SOUND/ON/FLASH/FLASH FASTER



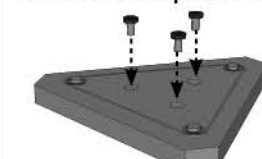
**WARNING: STROBE LIGHTS MAY CAUSE SEIZURES**

The toy is not to be connected to more than the recommended number of power supplies

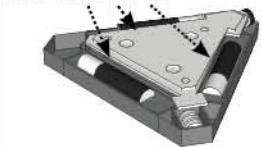
## Replacing Batteries

1. Remove the three (3) screws.
2. Place three (3) AA batteries in the correct position - as displayed inside the Triangle Power Base.
3. Reassemble the Triangle Power Base.
4. Replace the three (3) screws.
5. Push RED Power Button to turn on!
6. Do not mix old and new batteries.
7. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium, NiMH) batteries!
8. Exhausted batteries are to be removed from the Triangle Power Base.
9. Never connect more than 200 Laser Pegs®
10. Non-rechargeable batteries are not to be recharged.
11. Rechargeable batteries are only to be recharged under adult supervision.
12. Rechargeable batteries are to be removed from the toy before being recharged.
13. Batteries are to be inserted with the correct polarity.
14. The supply terminals are not to be short-circuited.
15. DO NOT THROW BATTERIES INTO FIRE!

Remove the 3 Phillips head screws



Add 3-AA Batteries



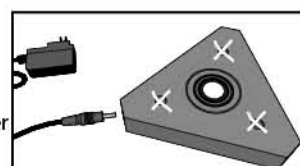
Remove the three Phillips head screws with a 4mm screw driver.

Requires (3AA) Batteries

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

## Using an AC Adapter

Remove all batteries from Laser Pegs® power base before using the 5-volt AC adapter.



When using an AC Adapter, NEVER place the adapter plug into the Triangle Power Base top peg holes.

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

Never connect more than 200 Laser Pegs® when using a 5-volt (2000mA) AC Adapter.

The AC adapter and the Triangle Power Base are to be regularly examined for damage to the cord, plug, enclosure and other parts, and in the event of such damage, they must not be used until the damage has been repaired.

**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 or an AC Adapter. You have 3 simple options...

1. Use a 5-volt AC Adapter -available from [www.LaserPegs.com](http://www.LaserPegs.com)
2. Change the batteries.
3. Use high quality batteries. They will last a little longer, but they will still deplete rapidly the more laser pegs you connect!

**DO NOT SUBMERGE IN WATER**

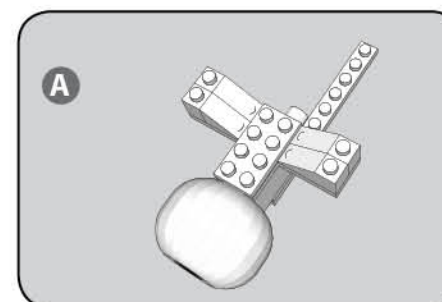
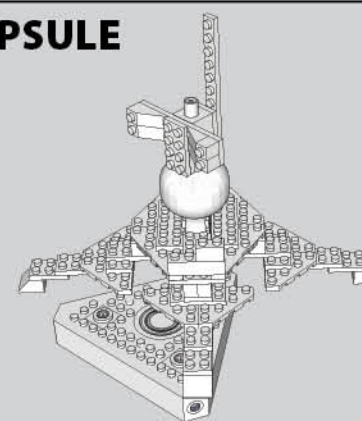
**SPACE CAPSULE:** Unlike space shuttles, space capsules lack wings to create lift when they reenter the Earth's atmosphere from space. Therefore, they must land in bodies of water instead of gently on runways. The first manned spacecraft were space capsules. With its Orion Multi-Purpose Crew Vehicle, NASA plans to return to using space capsules for space exploration, after several decades of using shuttles.



## SPACE CAPSULE

Model Difficulty Level

3



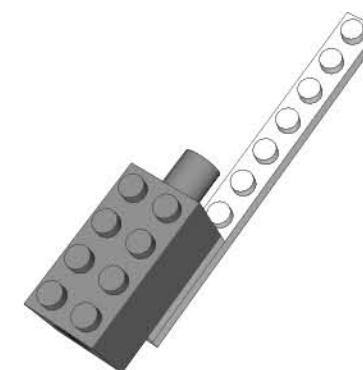
STEP 1



STEP 2



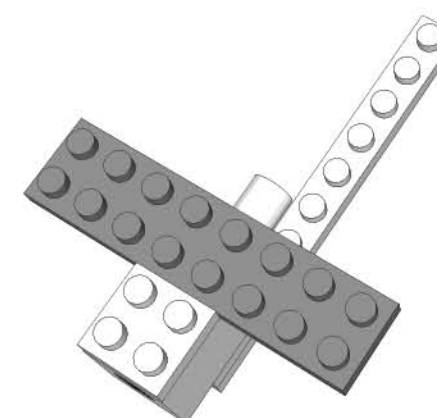
STEP 3



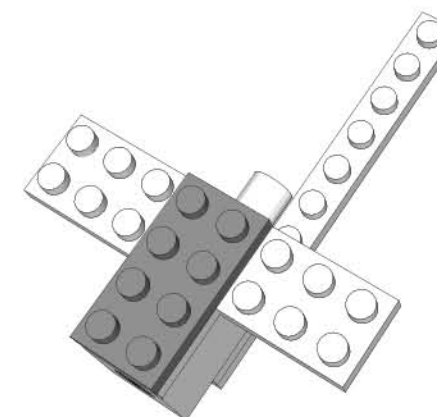
STEP 4



STEP 5



STEP 6

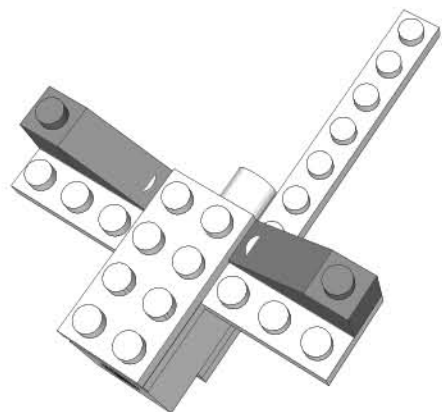


**Laser Pegs® CARES**  
**Questions? Comments?**  
**For additional compliance info:**  
**1-866-432-3735**  
**Contact: Support@LaserPegs.com**

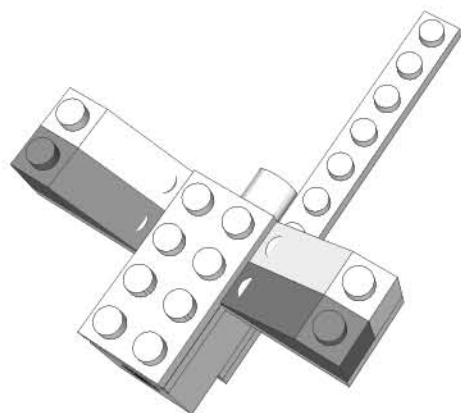
[kids.nationalgeographic.com](http://kids.nationalgeographic.com)



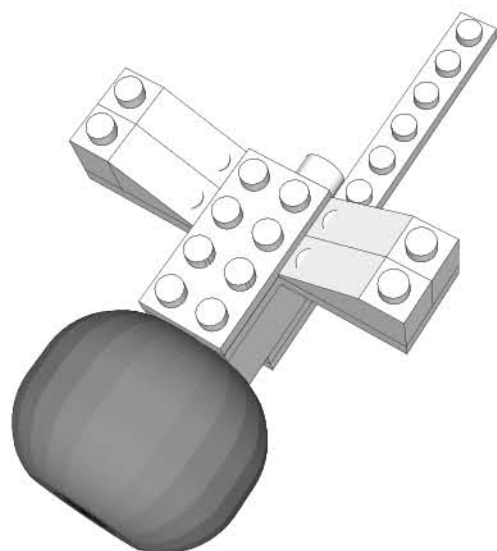
STEP  
7



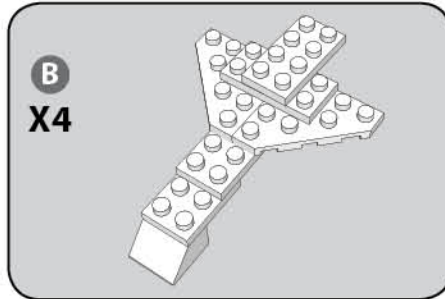
STEP  
8



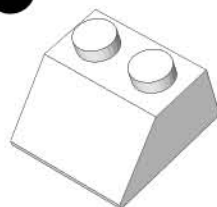
STEP  
9



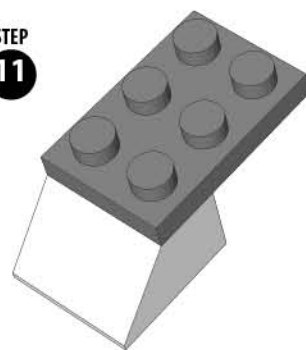
B  
X4



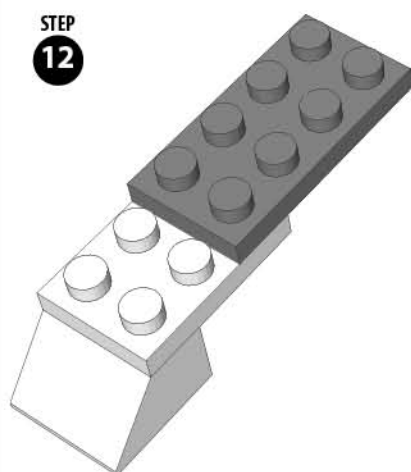
STEP  
10



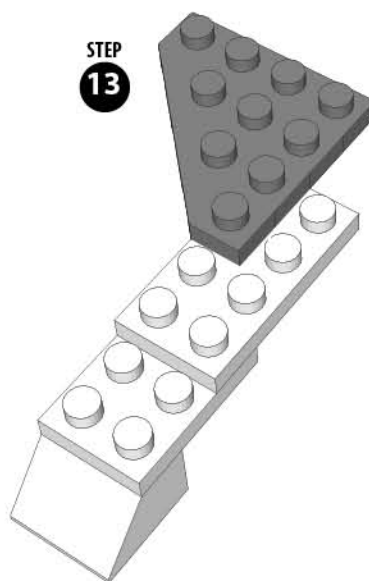
STEP  
11



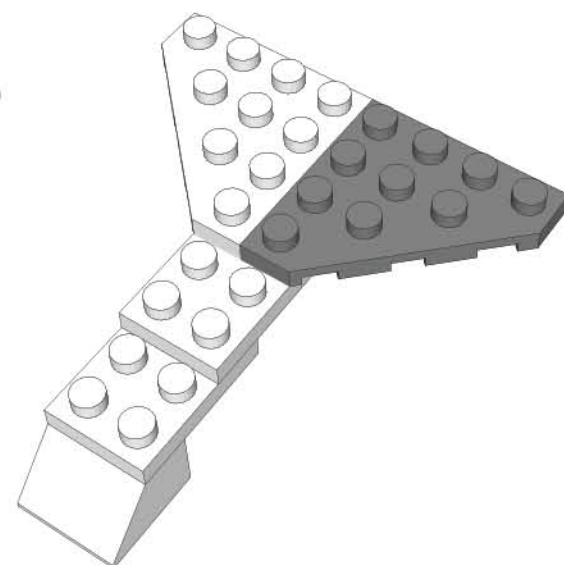
STEP  
12



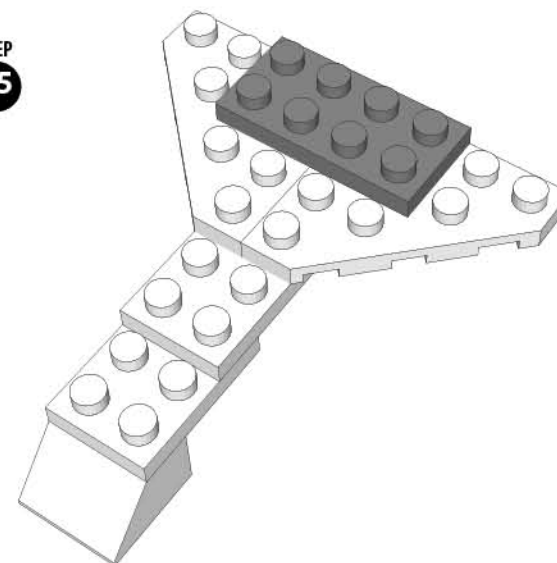
STEP  
13



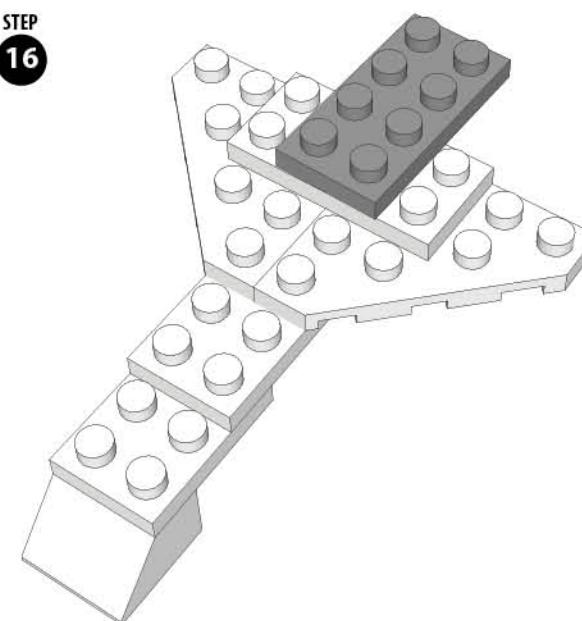
STEP  
14



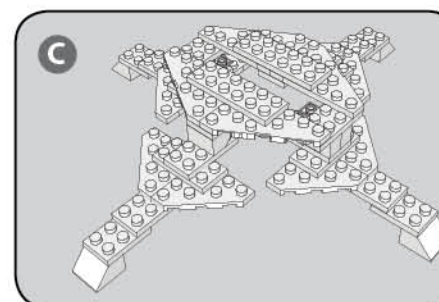
STEP  
15



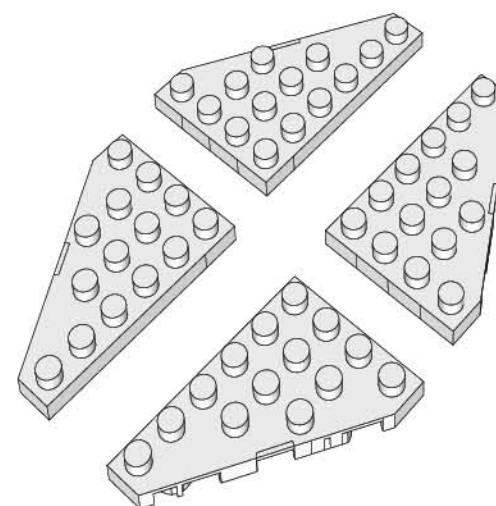
STEP  
16



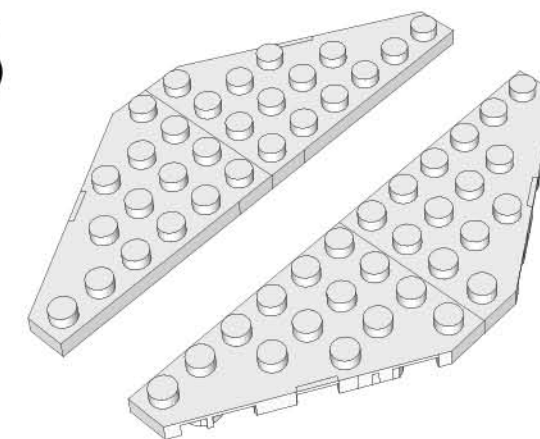
C



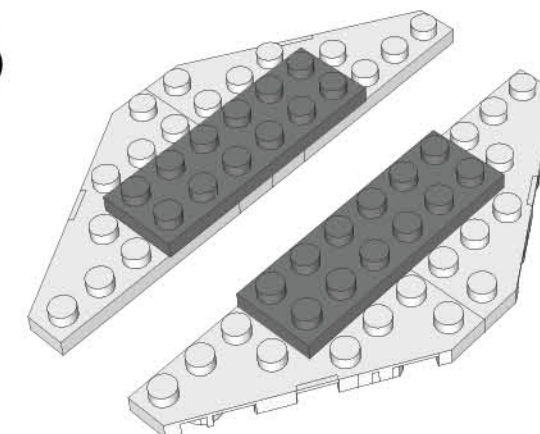
STEP  
17



STEP  
18



STEP  
19



STEP  
20

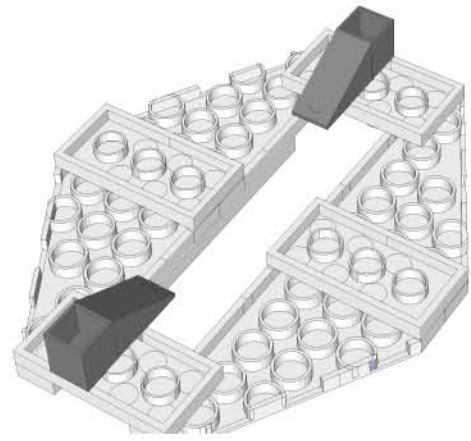


STEP  
21

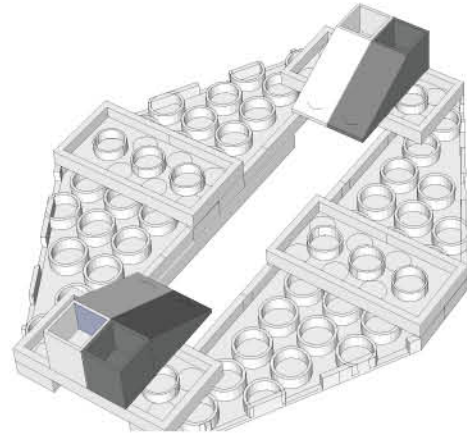




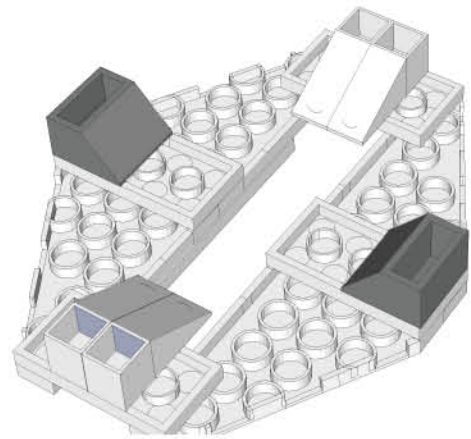
STEP  
22



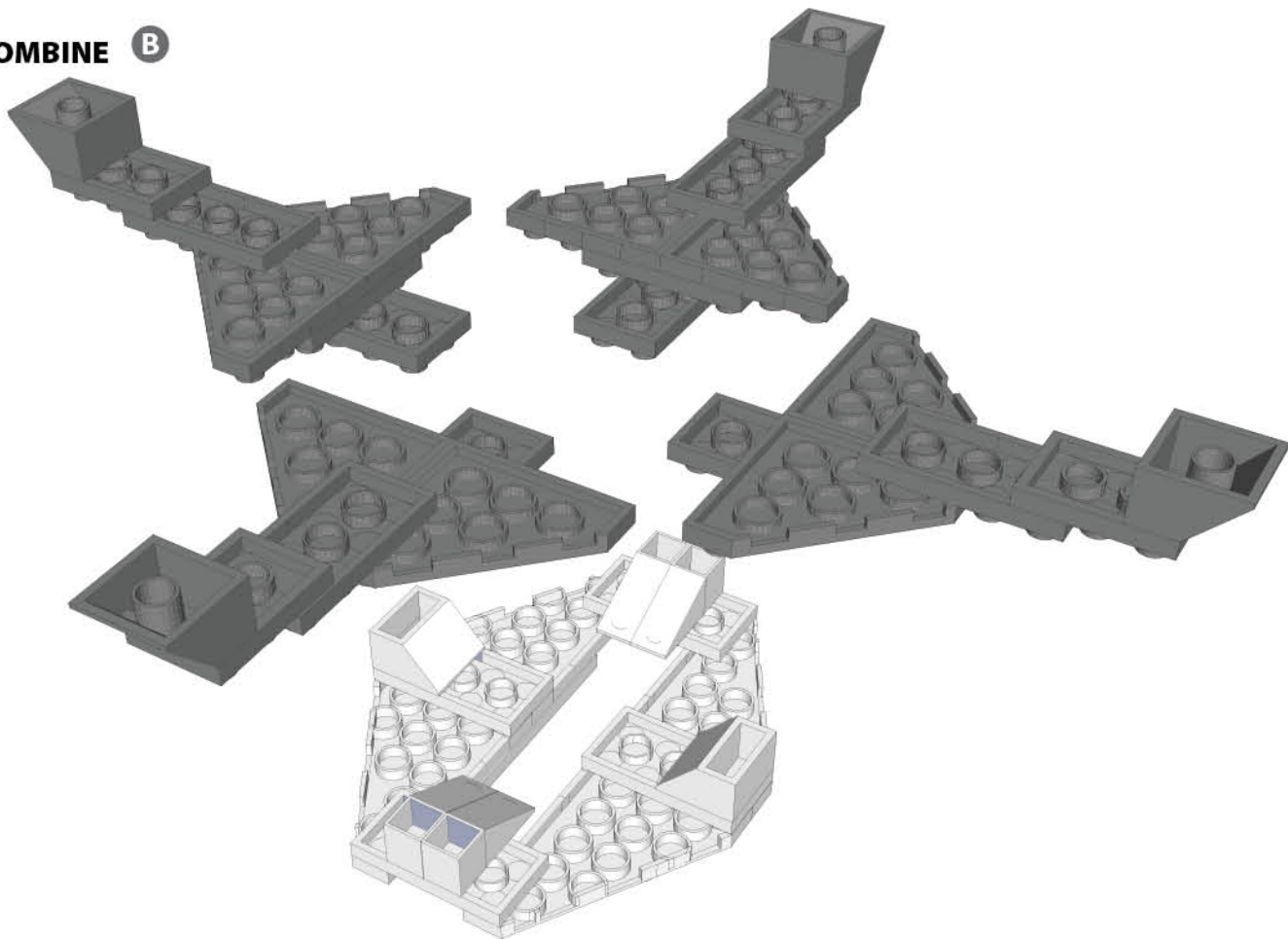
STEP  
23



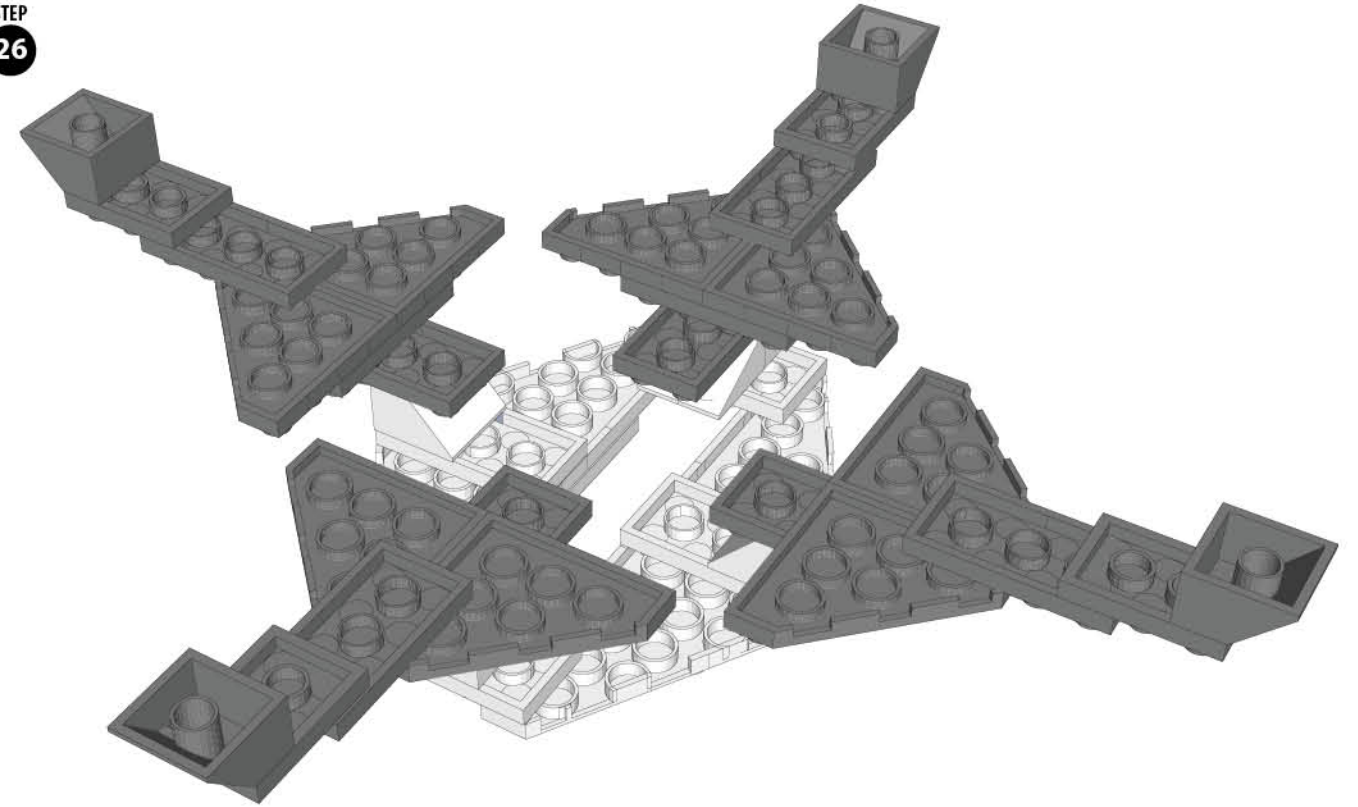
STEP  
24



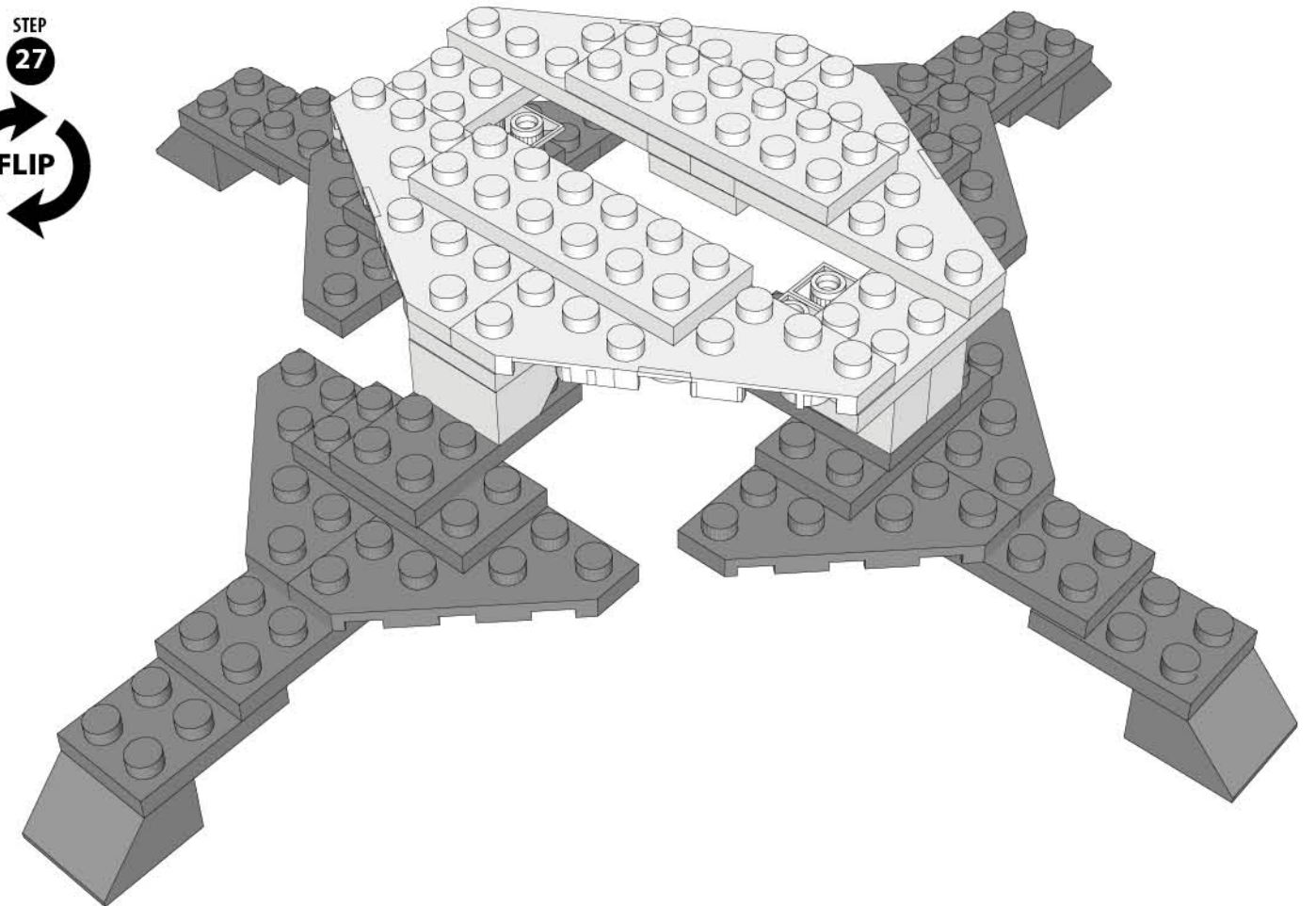
STEP  
25 COMBINE B



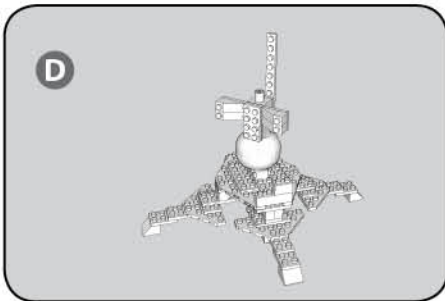
STEP  
26



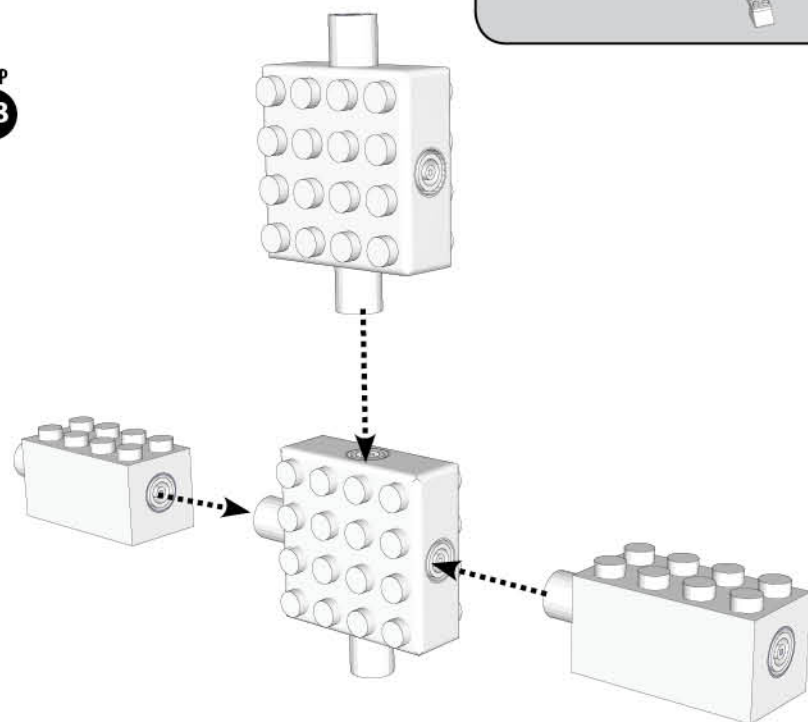
STEP  
27  
FLIP







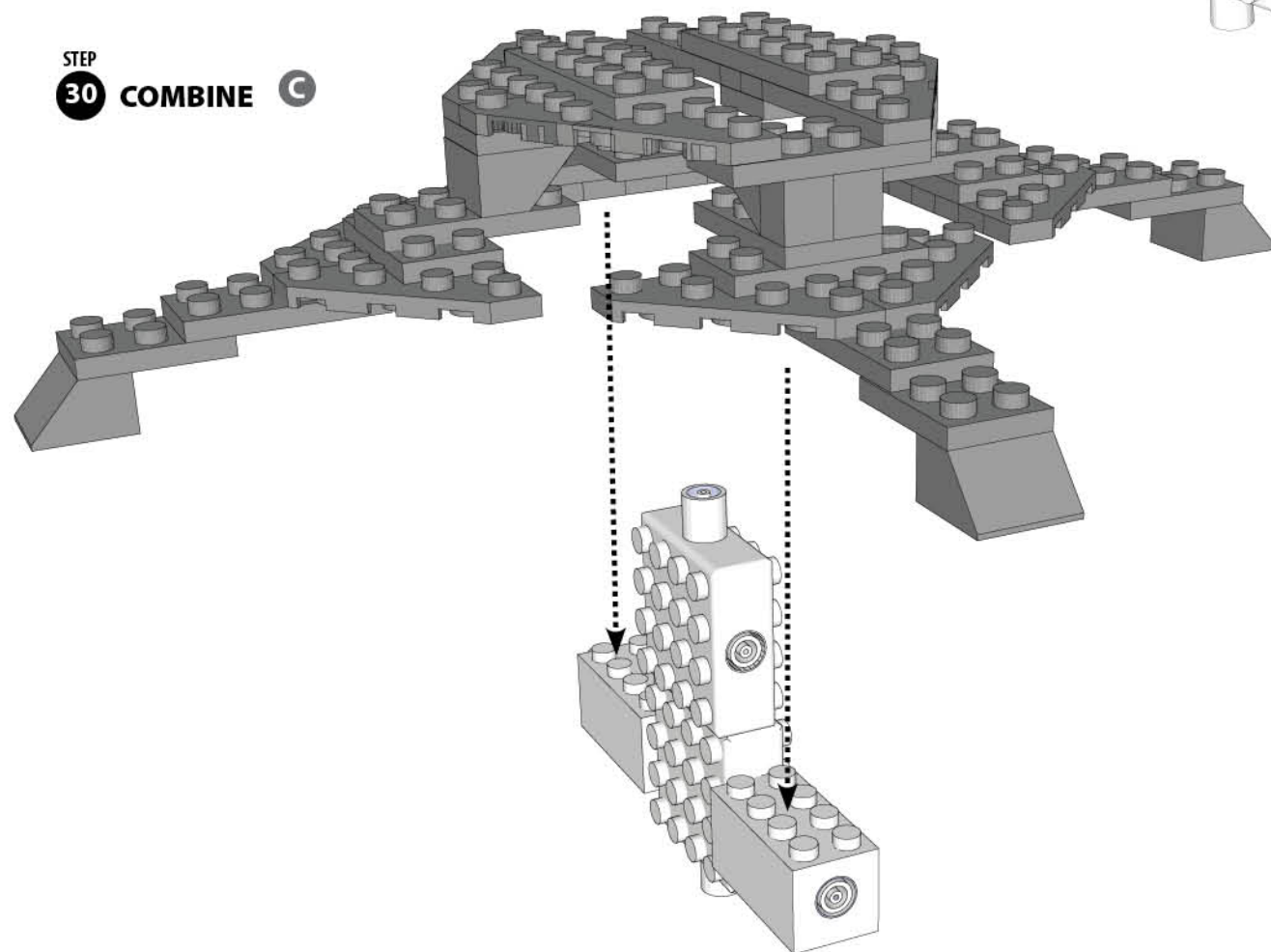
STEP  
28



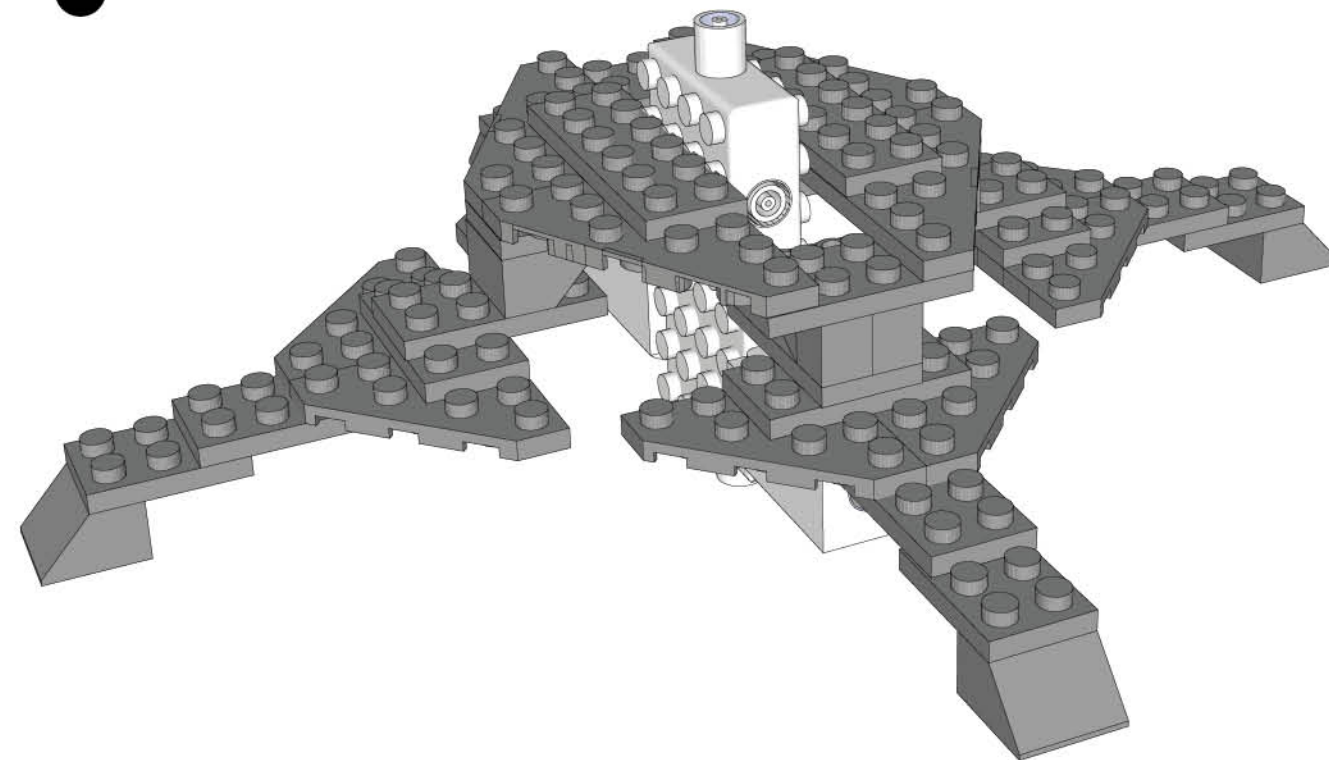
STEP  
29



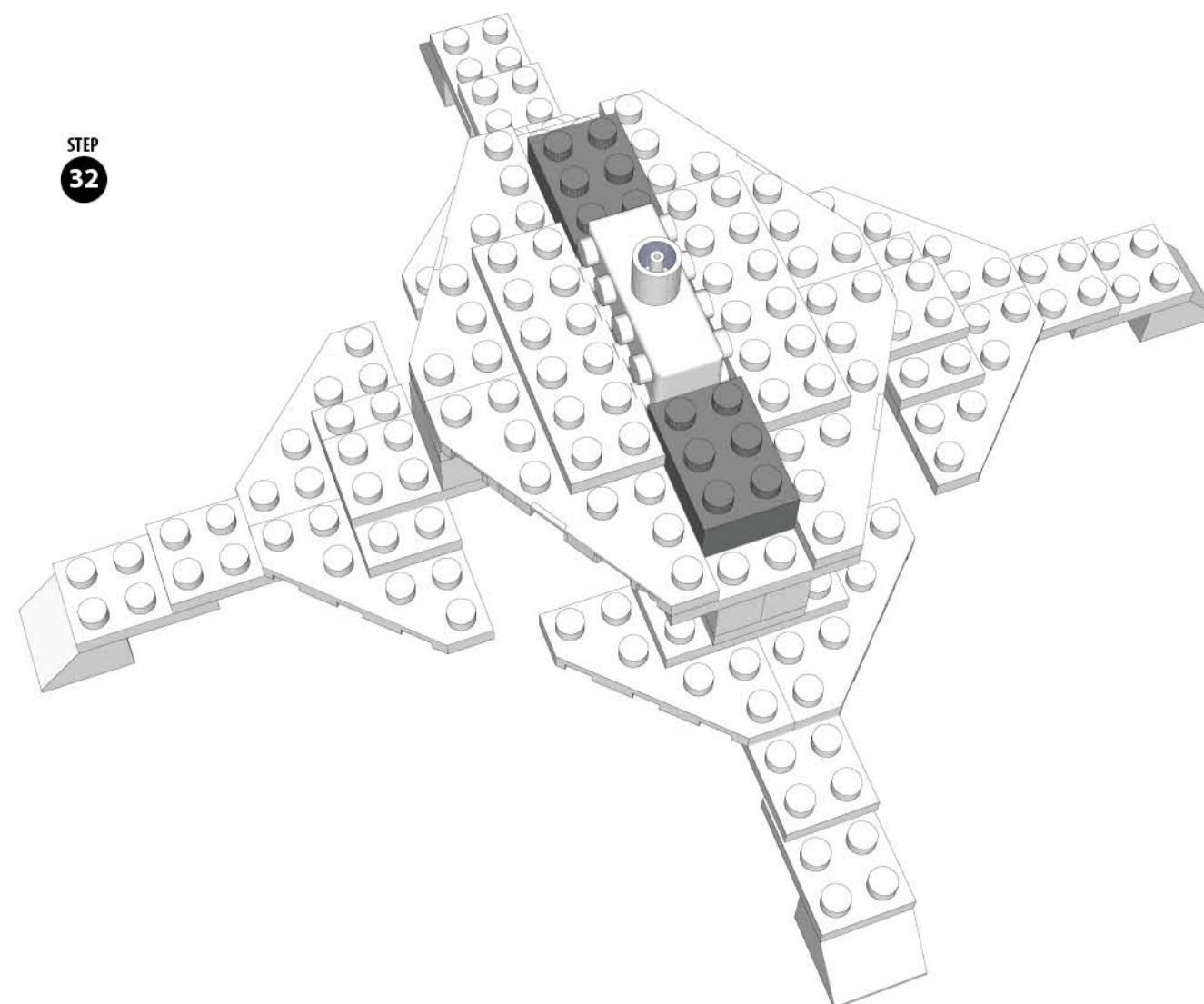
STEP  
30 COMBINE C



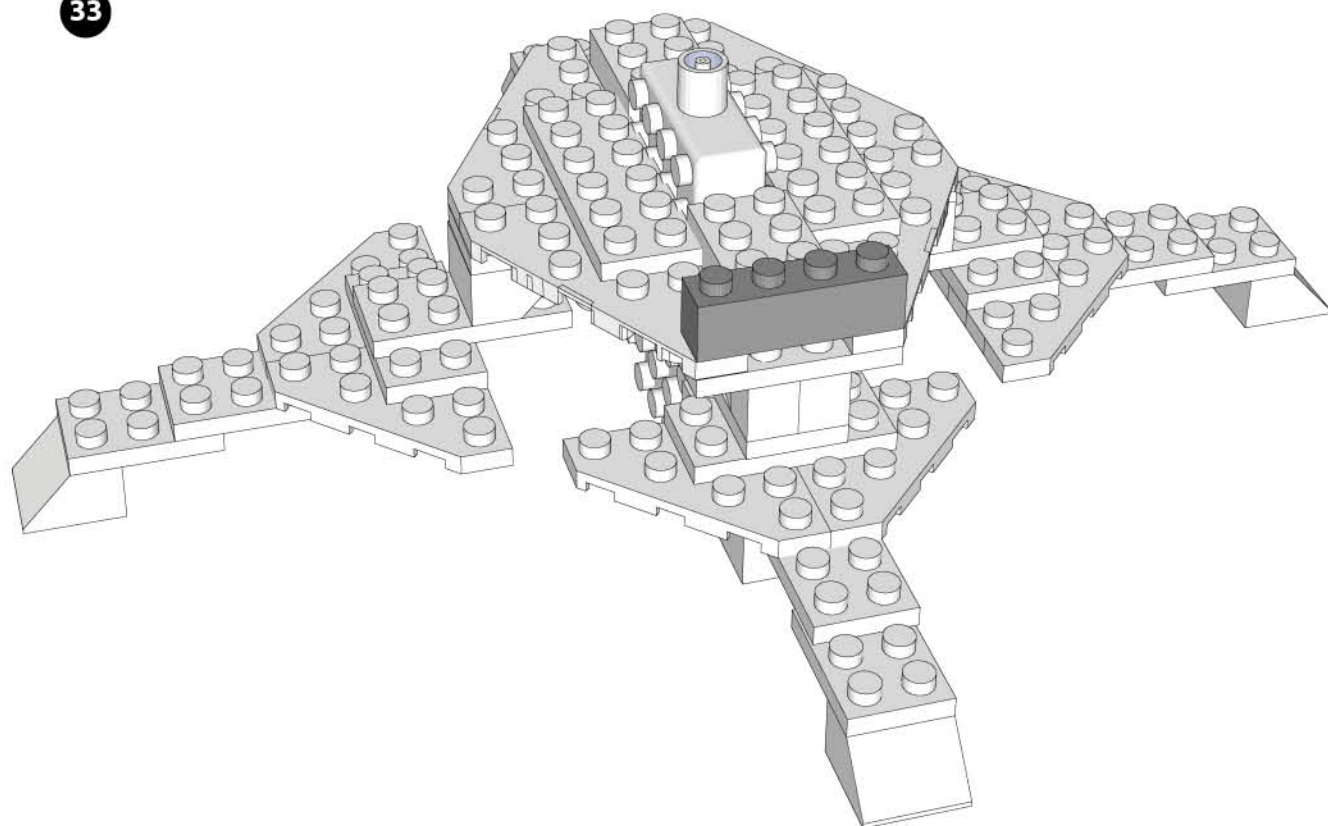
STEP  
31



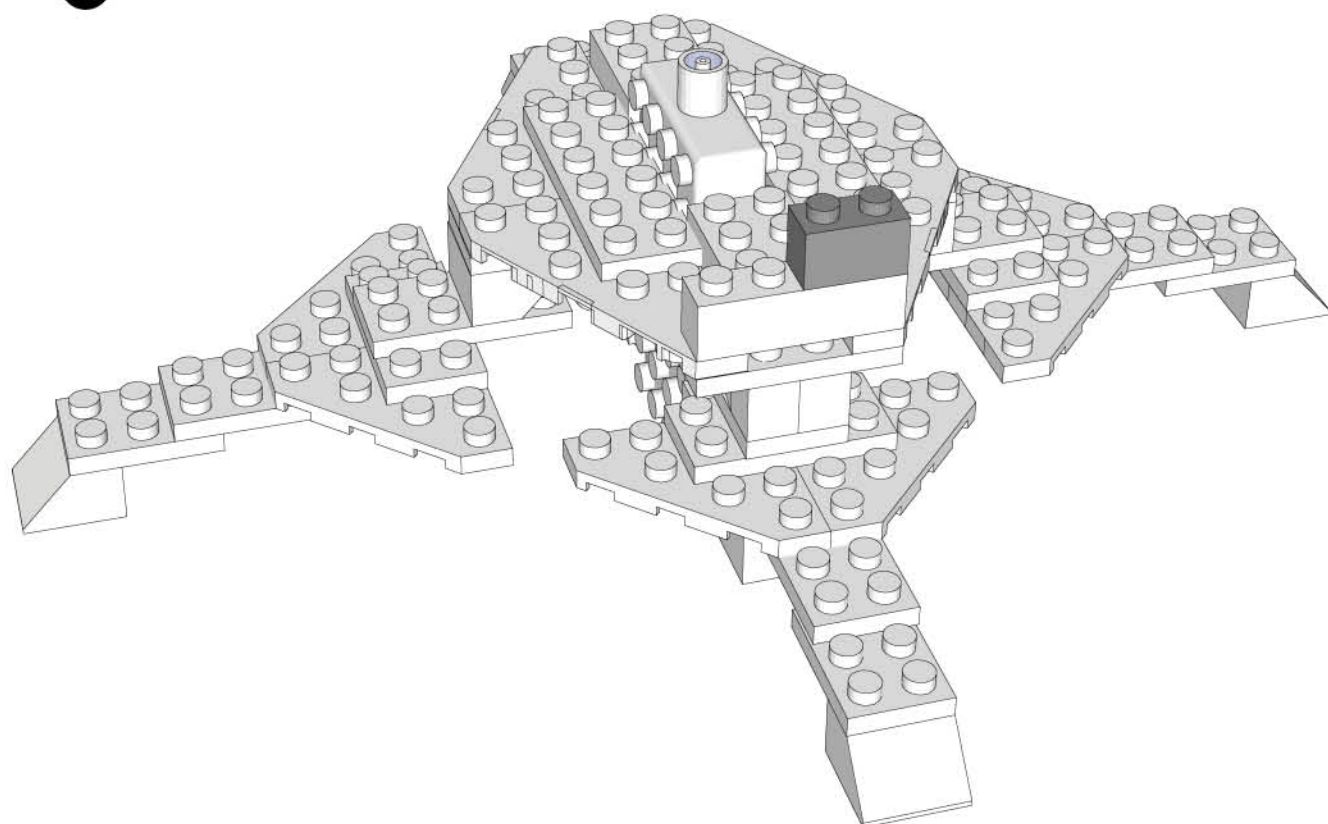
STEP  
32



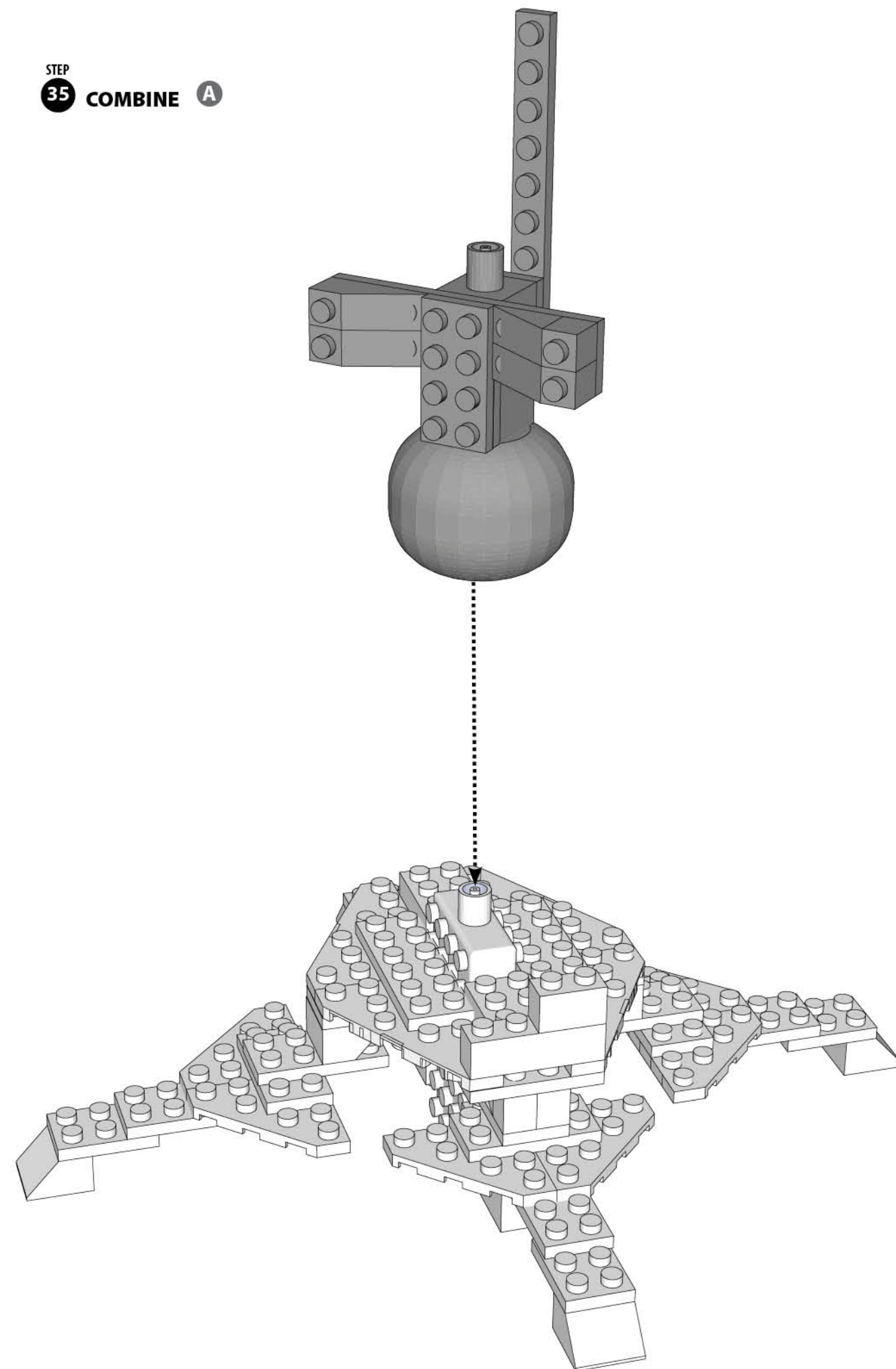
STEP  
33



STEP  
34

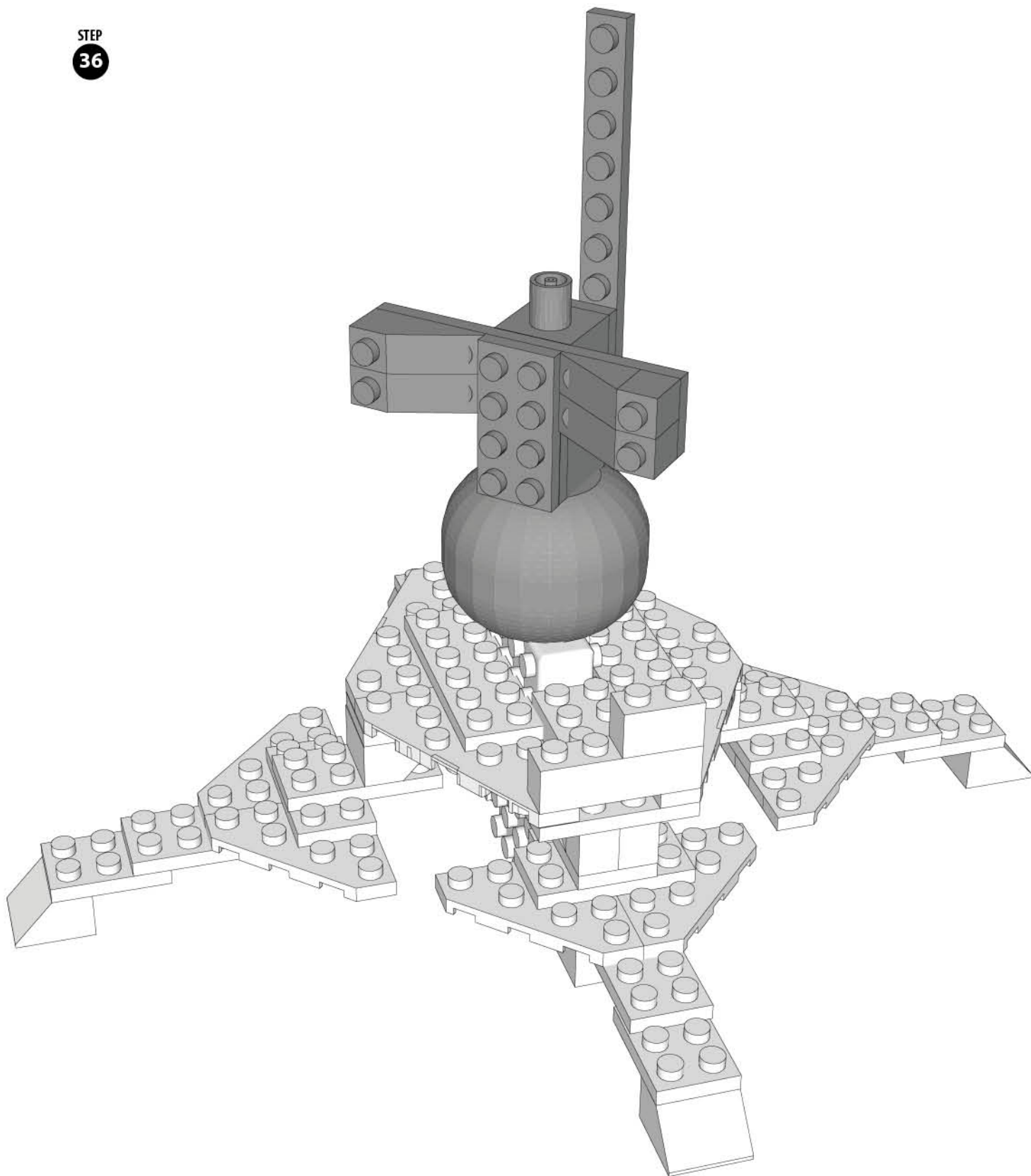


STEP  
35 COMBINE A



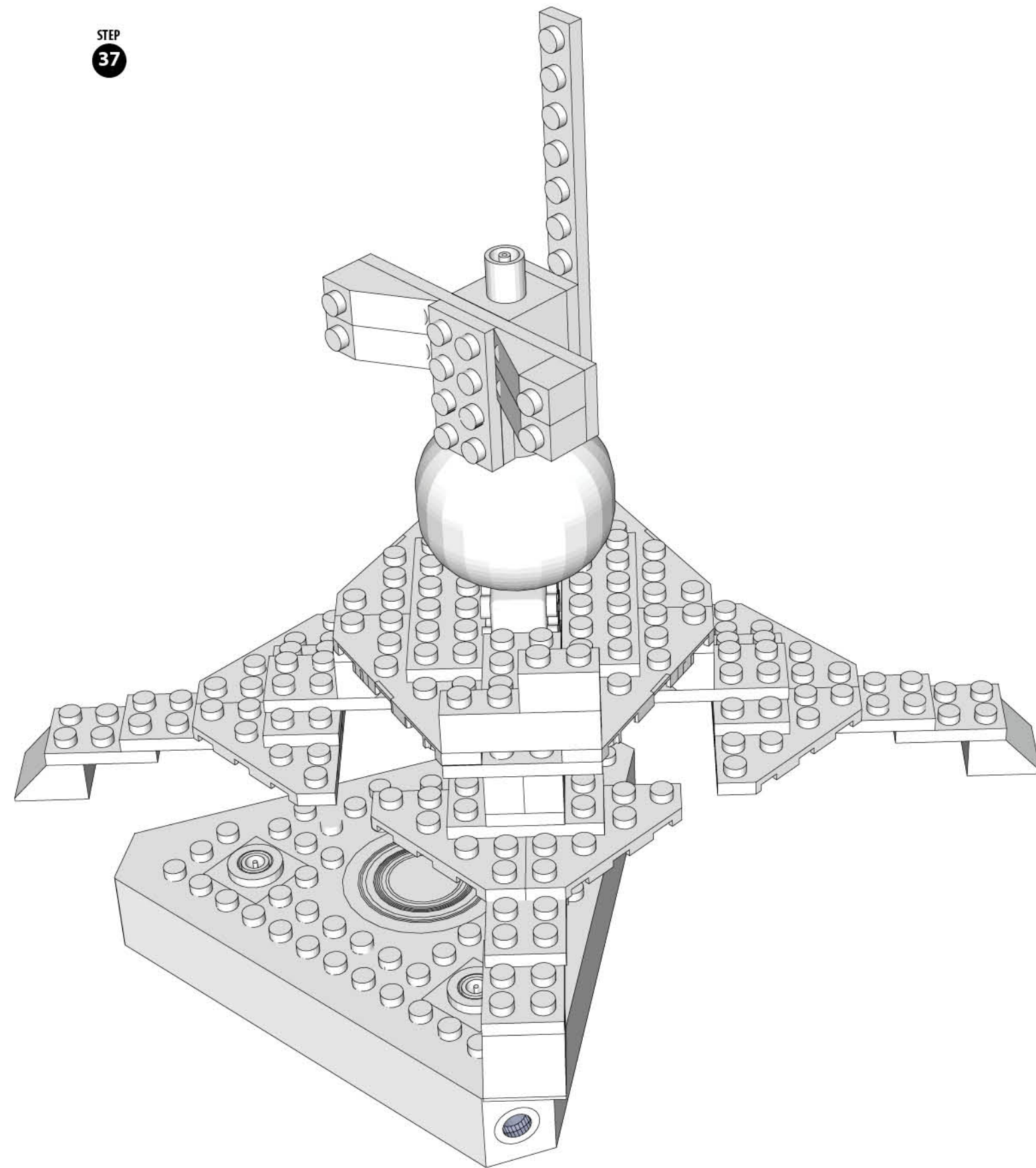


STEP  
36



**ATTACH THE MODEL TO THE  
TRIANGLE POWER BASE**

STEP  
37



National Geographic's net proceeds support vital exploration, conservation, research, and education programs.

MADE IN CHINA

[www.LaserPegs.com](http://www.LaserPegs.com)  
Copyright 2014© All Rights Reserved Global & Multiple Patents Pending.  
US Patent #7,731,558