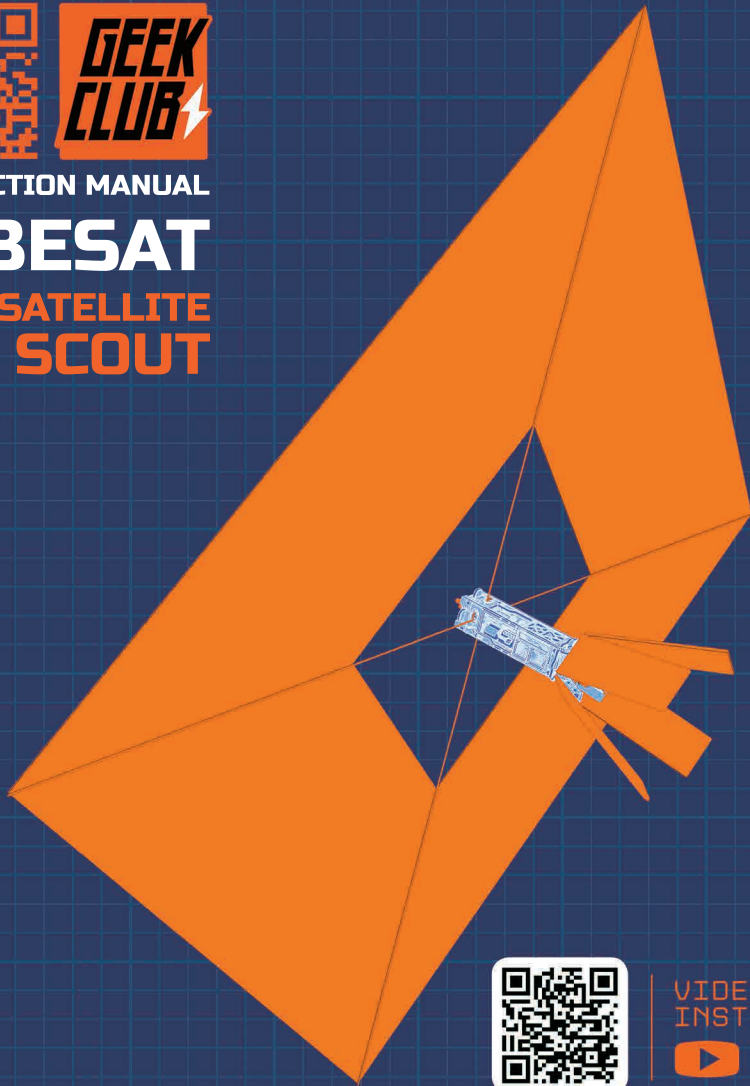




INSTRUCTION MANUAL

CUBESAT

CUBE SATELLITE
NEA SCOUT



KEEP SAFE ▶

READ BEFORE FLIGHT



VIDEO
INSTRUCTIONS



GEEKCLUB.COM



SMALL COMPONENTS



CLIPPING ELEMENTS

RoHS

CERTIFIED



ADULT SUPERVISION



CHOKING HAZARD



LEAD FREE



THIS MIGHT HELP



FUN PCB



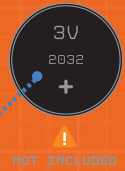
USING GLASSES WHEN SOLDERING

**ASSEMBLE AND SOLDER THIS KIT
IN A WELL-VENTILATED AREA**

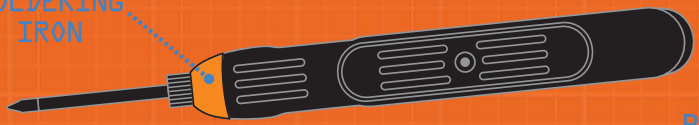
READ BEFORE FLIGHT



TOOLS YOU NEED

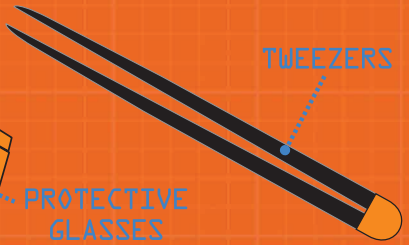


SOLDERING IRON

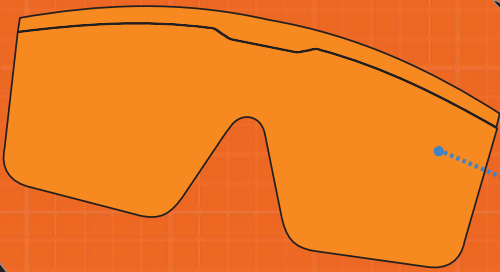


BATTERY

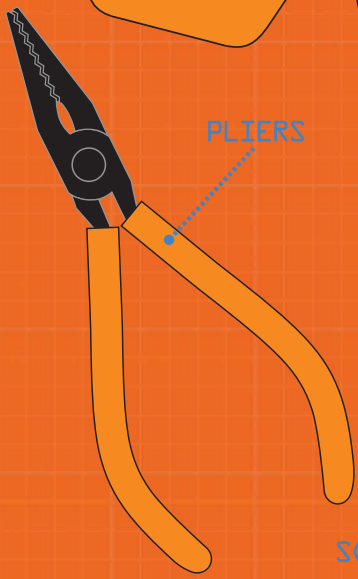
TWEEZERS



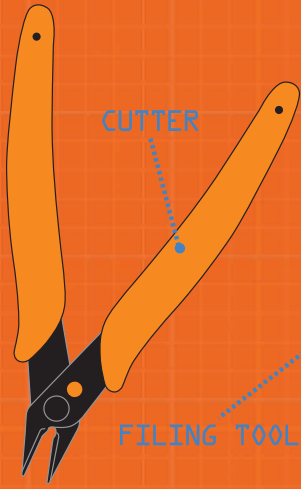
PROTECTIVE GLASSES



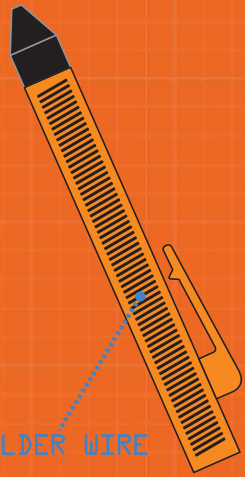
PLIERS



CUTTER



SOLDER WIRE

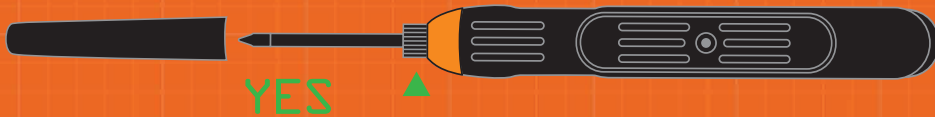
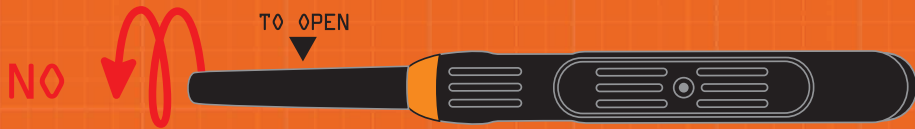


FILING TOOL

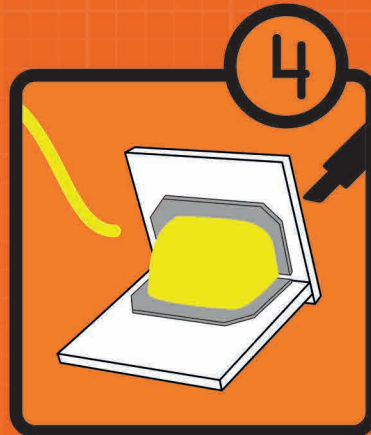
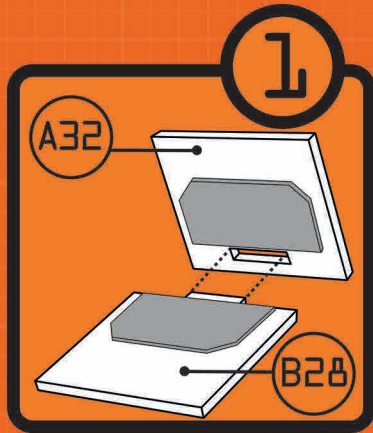


READ BEFORE FLIGHT

KEEP SAFE



KEEP SAFE

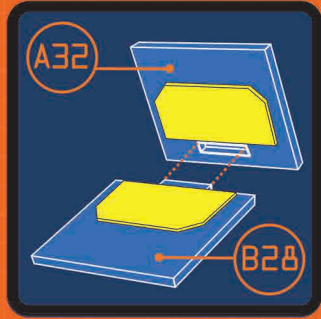


NOTE:

FOR BEST QUALITY JOINTS, HEAT BOTH METAL PARTS WITH THE SOLDERING IRON IN QUICK SUCCESSION. ADD SOLDER BETWEEN THE METAL PARTS, DO NOT USE SOLDER ON THE ENTIRE PAD.

HOW TO READ THE INSTRUCTIONS_

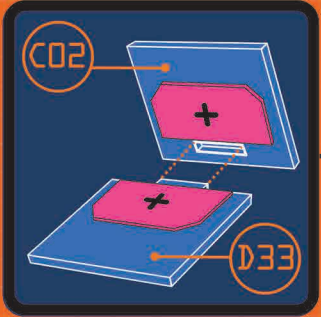
READ BEFORE FLIGHT



YELLOW PADS



SOLDER YELLOW ELEMENTS TOGETHER



PINK PADS



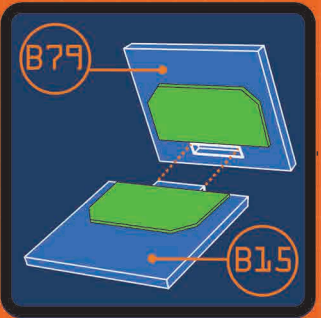
SOLDER PINK ELEMENTS MARKED WITH + TOGETHER



OPTIONAL SOLDERING YOU CAN SOLDER THE LED PINS FOR EXTRA GRIP



SOLDER + WITH + AND - WITH -



GREEN PADS



SOLDER PINK ELEMENTS MARKED WITH - TOGETHER



OPTIONAL SOLDERING YOU CAN SOLDER THE LED PINS FOR EXTRA GRIP

KEEP SAFE ▶

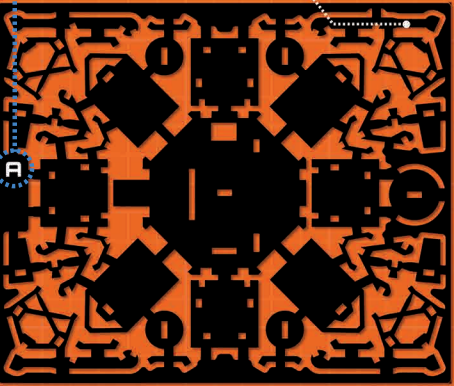
EACH PART IS MARKED WITH A LETTER AND NUMBER

THIS CODE INDICATES THE PART'S LOCATION

THE LETTER CORRESPONDS TO THE BOARD. THE NUMBER SHOWS ITS LOCATION ON SAID BOARD

A32

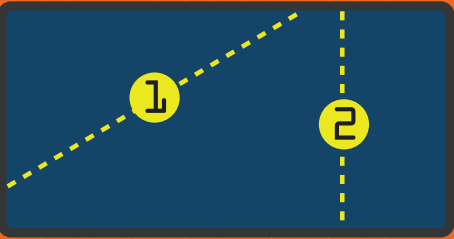
B28



BOARD A



BOARD B



PROCEED STEP BY STEP FOLLOWING AN ASCENDING ORDER

1 ▶ 2 ▶ 3 ▶ ...

READ BEFORE FLIGHT

KEEP SAFE ▶

KEEP SAFE



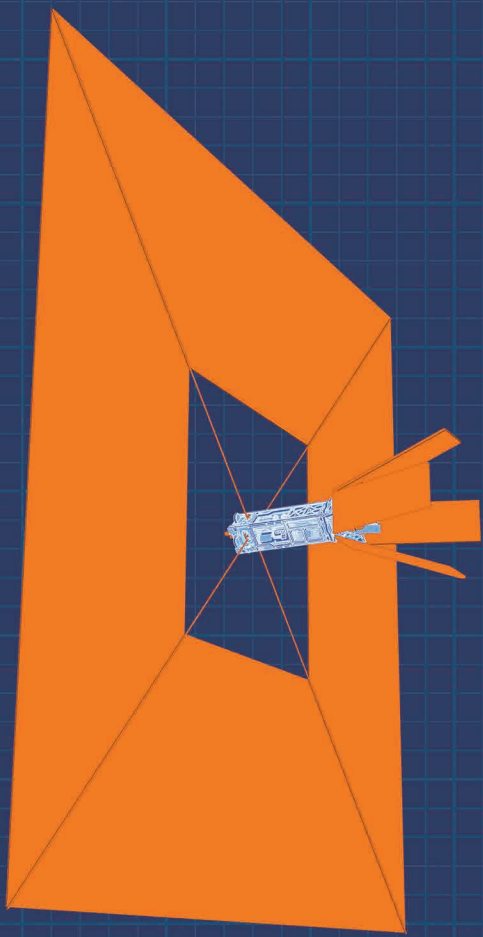
CUBESAT CUBE SATELLITE NEA SCOUT



KEEP SAFE

READ BEFORE FLIGHT

▶ KEEP SAFE



▶ KEEP SAFE



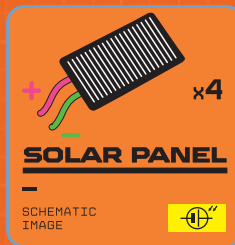
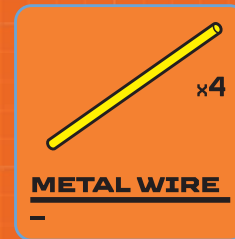
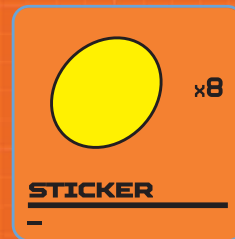
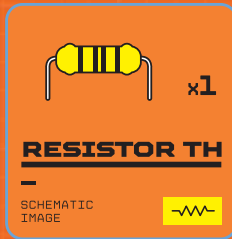
**MORE TIPS AND DETAILS
IN OUR ONLINE
INSTRUCTION VIDEO**



WWW.GEEKCLUB.COM



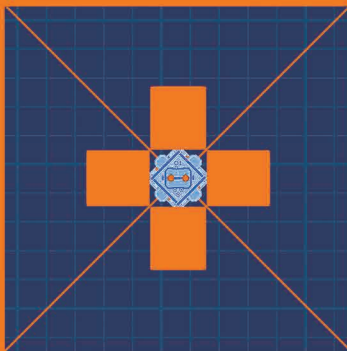
COMPONENTS AND OTHER ELEMENTS_



NOTE:

1. DON'T WORRY IF YOU LOSE A FEW LEDS, WE'VE GOT YOU COVERED - THERE ARE EXTRA DIODES IN THE KIT
2. MAKE SURE TO FOLLOW THE POLARITY + (PINK) AND - (GREEN) WHEN INSTALLING COMPONENTS. OTHERWISE, YOUR MODEL WILL NOT WORK.

FRONT

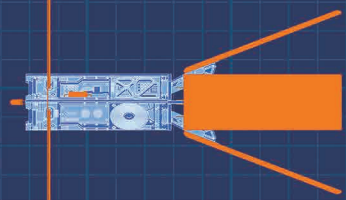


READ BEFORE FLIGHT

KEEP SAFE ▶

RIGHT

17.7"
450 MM



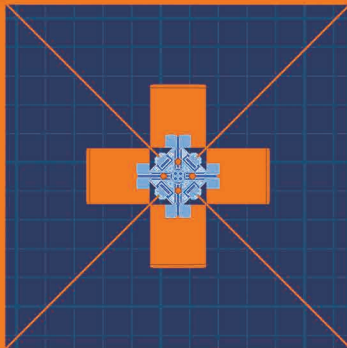
6.1"
155 MM

KEEP SAFE ▶

READ BEFORE FLIGHT

KEEP SAFE ◀

BACK

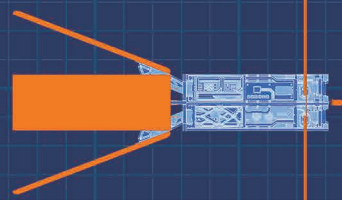


READ BEFORE FLIGHT

KEEP SAFE ◀

▶ KEEP SAFE

LEFT



17.7"
450 MM

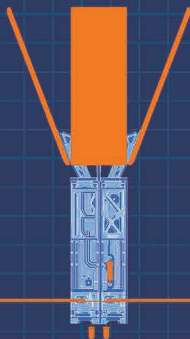
6.1"
155 MM

▶ KEEP SAFE

READ BEFORE FLIGHT

KEEP SAFE

TOP



17.7"
450 MM

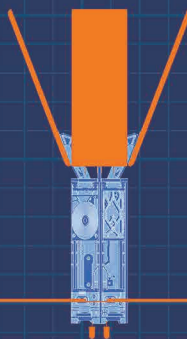


READ BEFORE FLIGHT

KEEP SAFE

BOTTOM

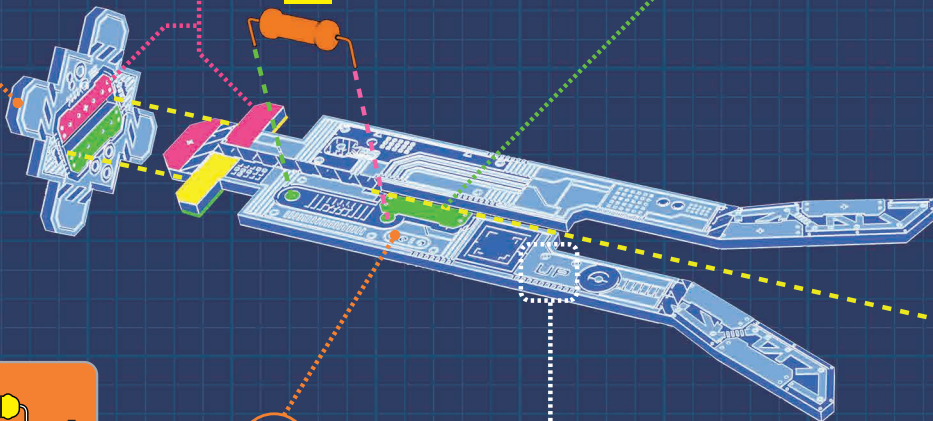
7.1"
180 MM



17.7"
450 MM

READ BEFORE FLIGHT

A07



A02

UP

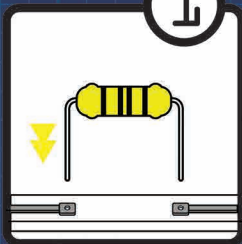
x1

RESISTOR TH

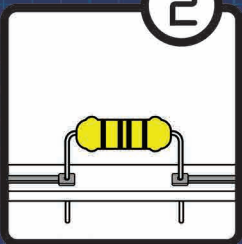
—

SCHEMATIC IMAGE

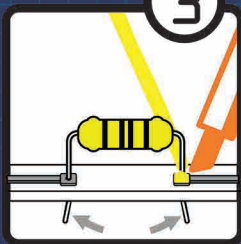
1



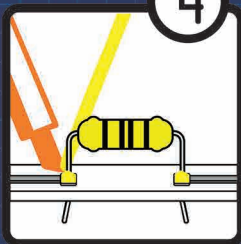
2



3

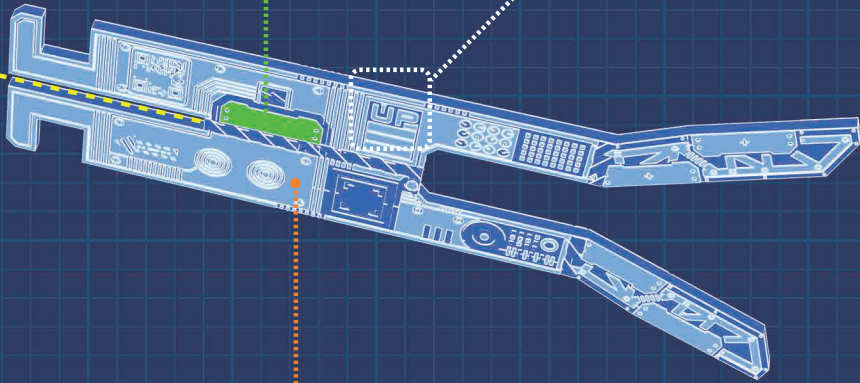


4

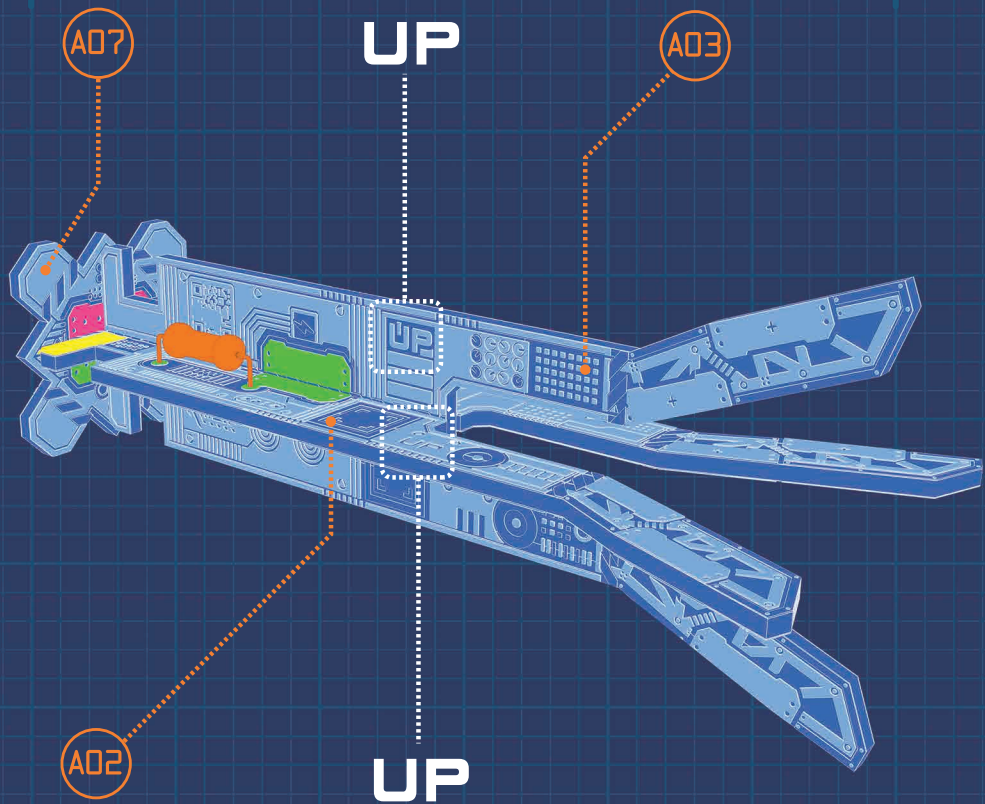




UP



A03



A07

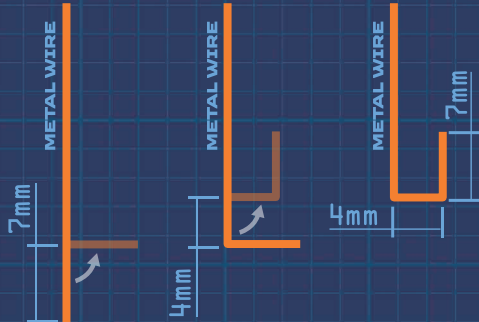
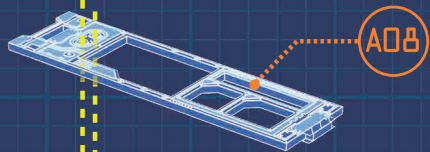


A03

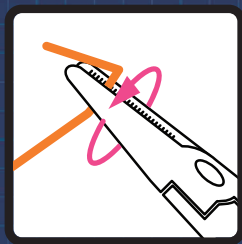
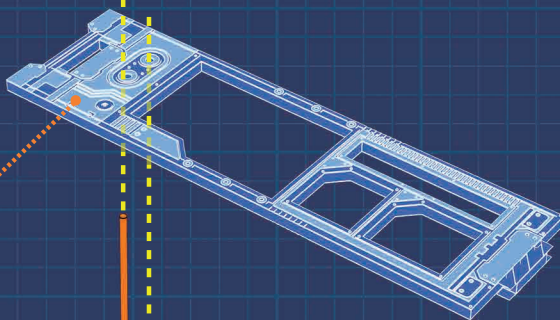
UP

A02

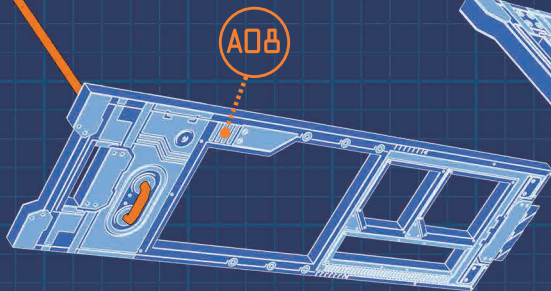




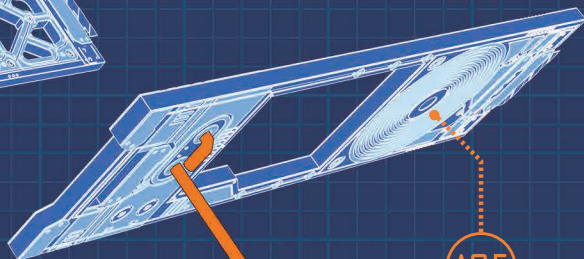
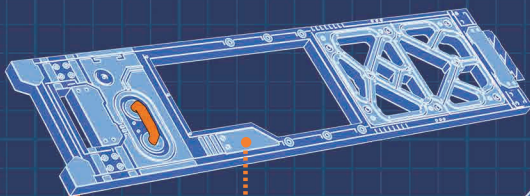
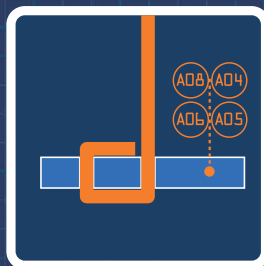
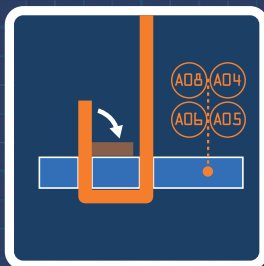
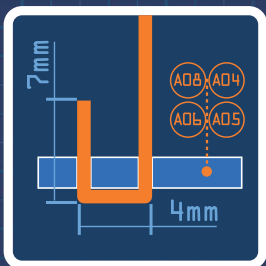
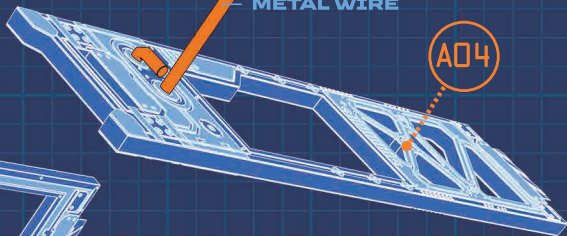
A08



METAL WIRE

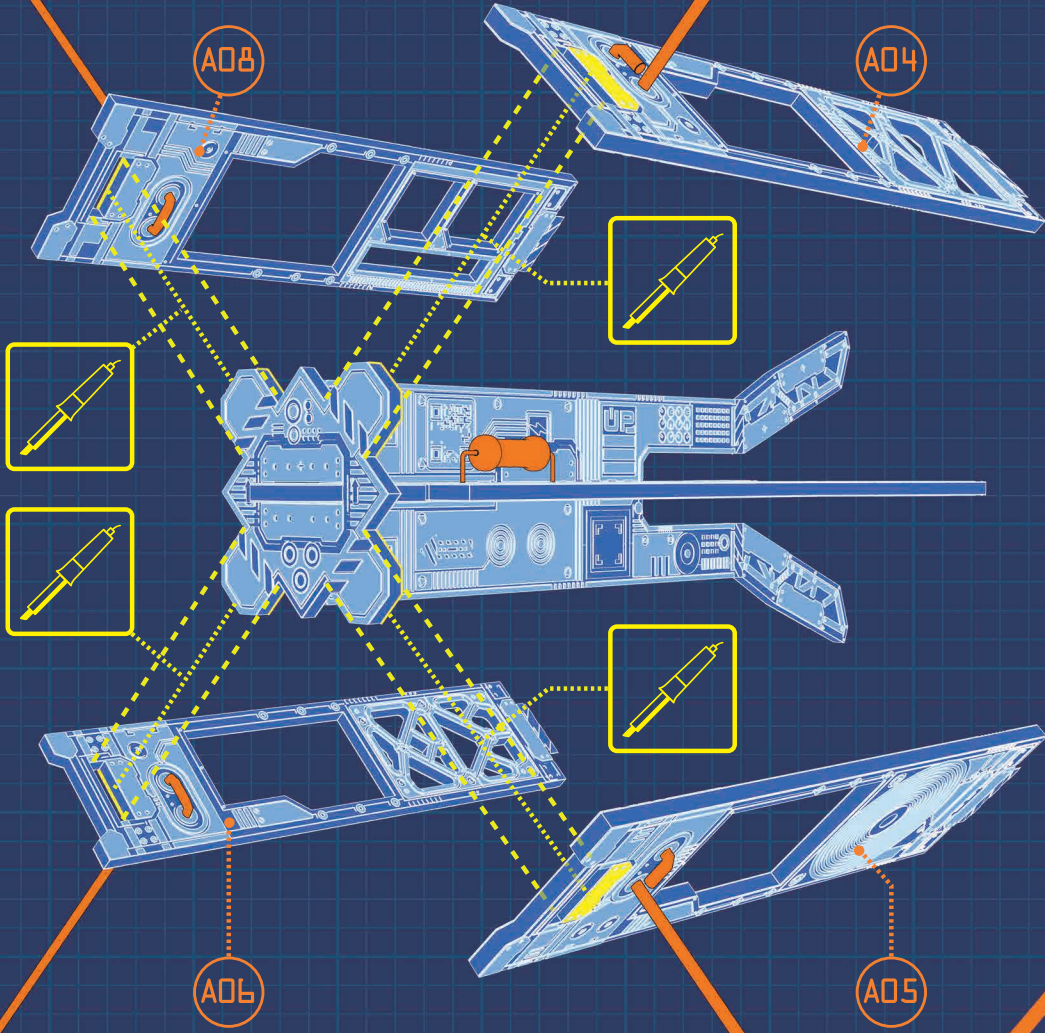


METAL WIRE



METAL WIRE

METAL WIRE

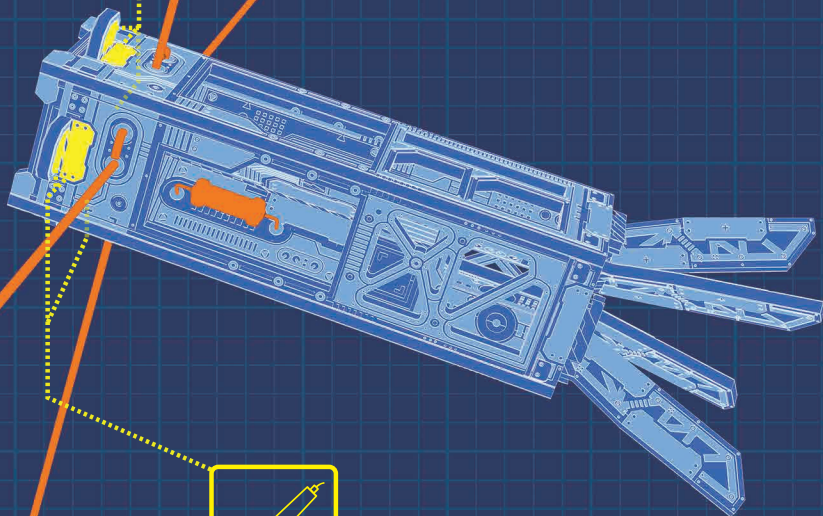


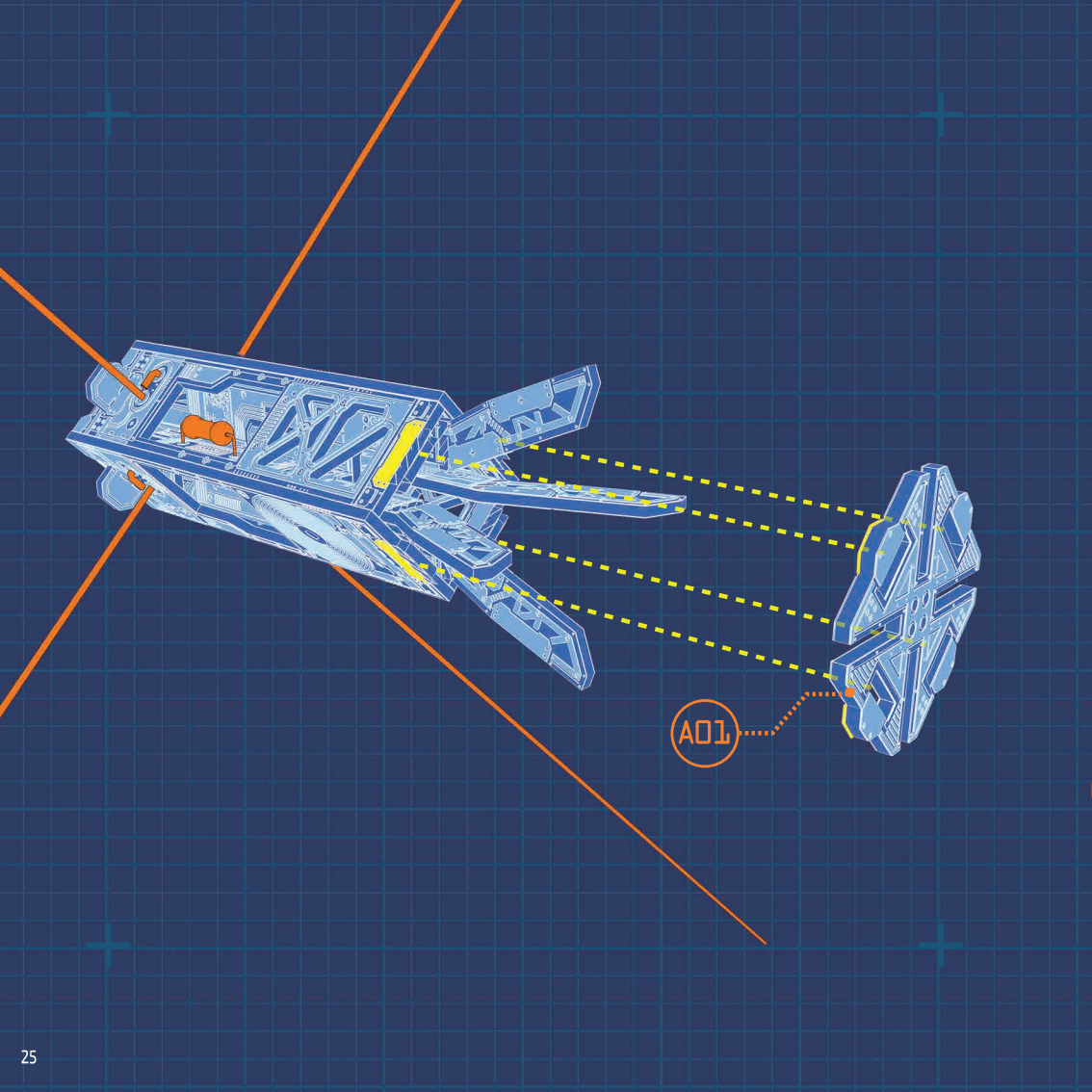
A03

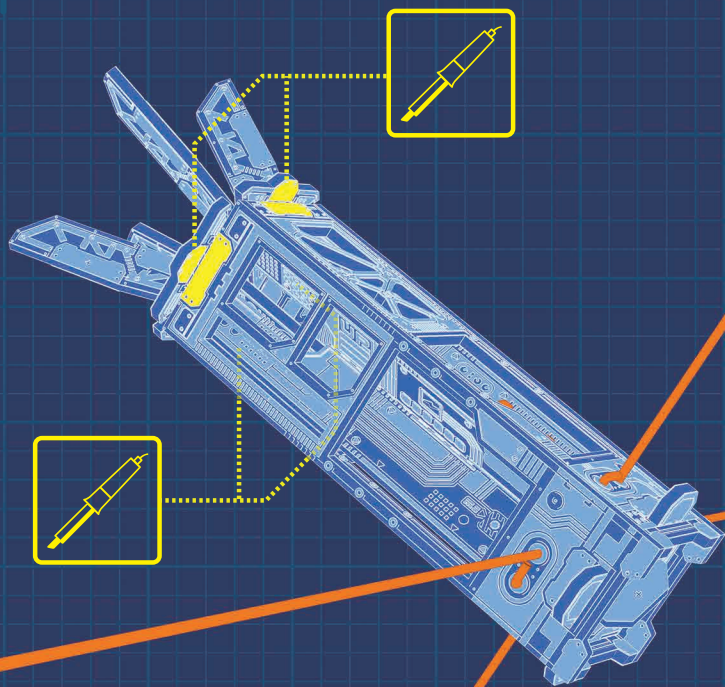
A04

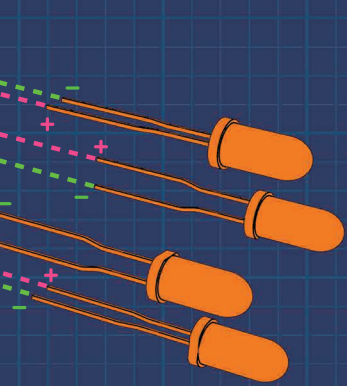
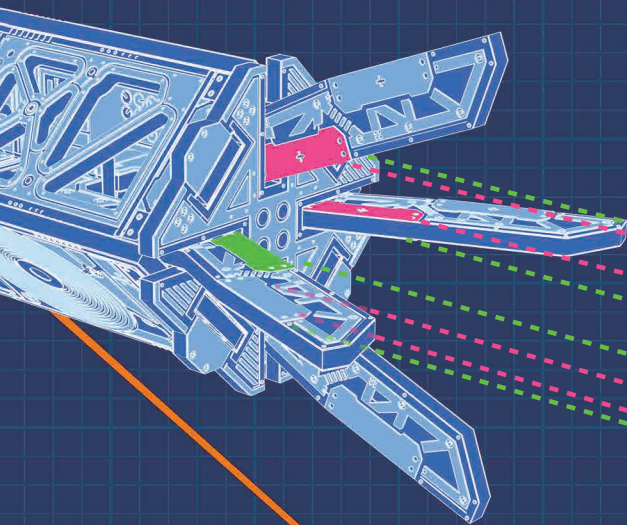
A06

A05









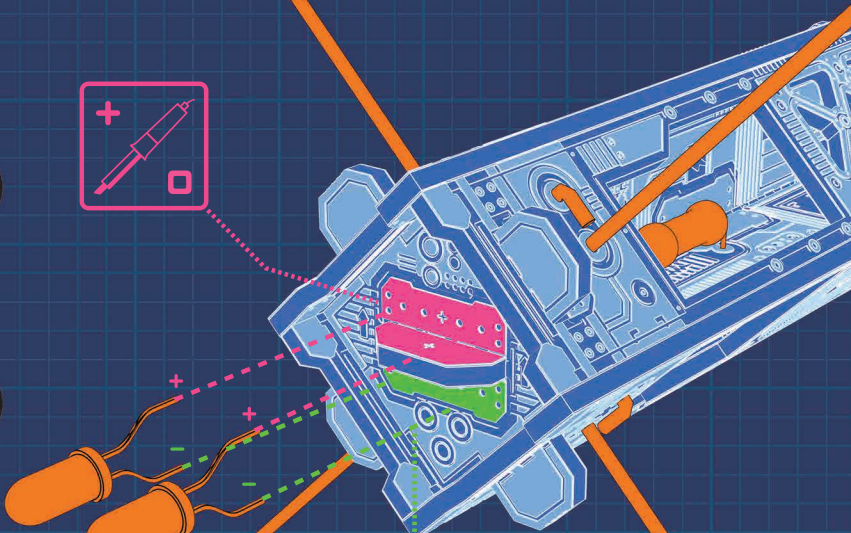
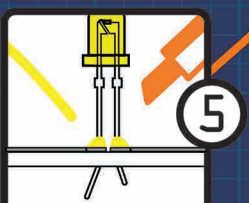
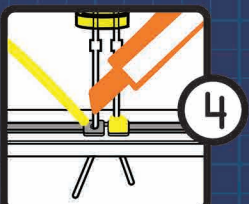
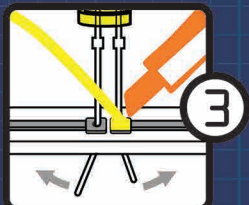
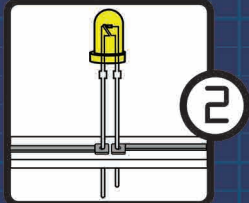
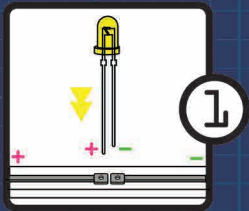
x4


LED TH 3mm
Through-Hole

PURPLE

SCHEMATIC
IMAGE




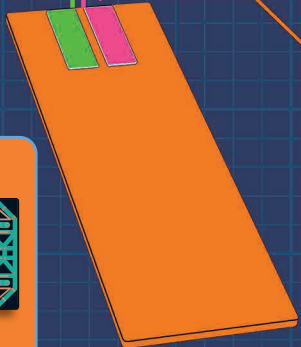
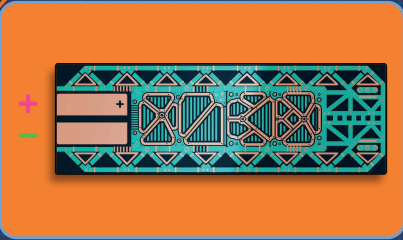
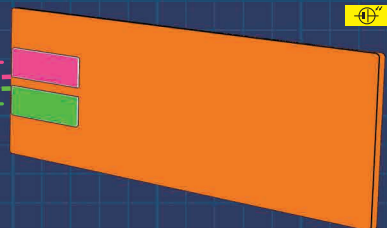
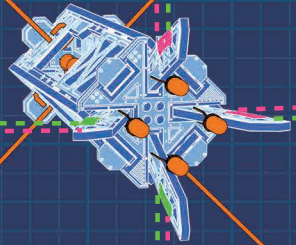
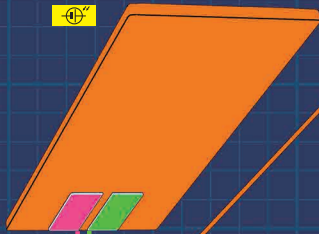


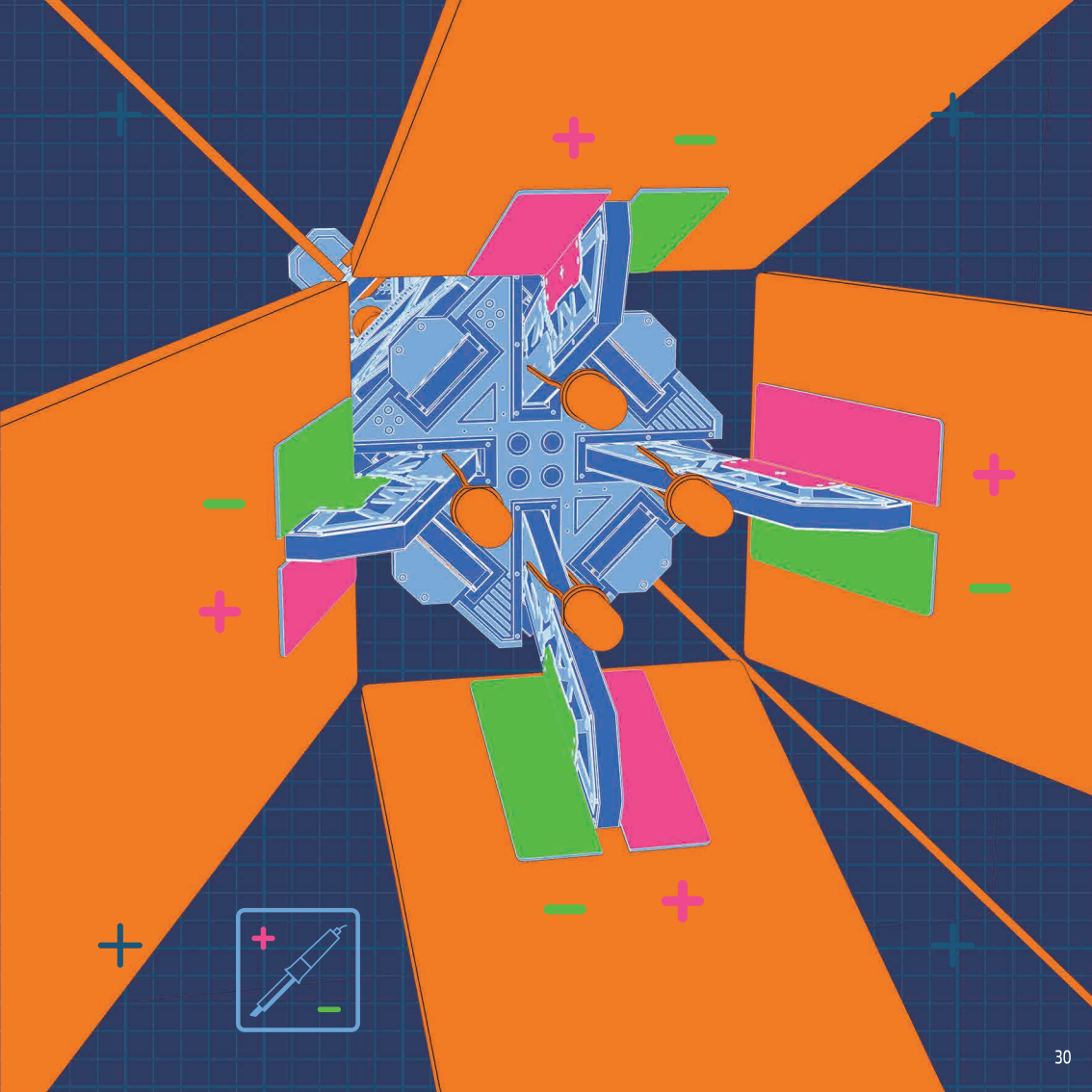
 x4

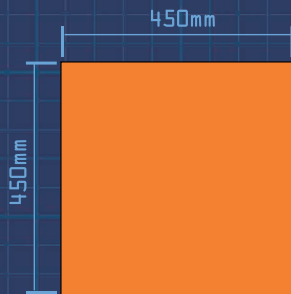
SOLAR PANEL

—

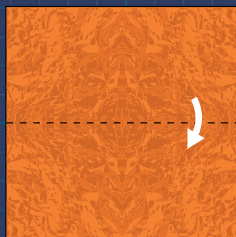
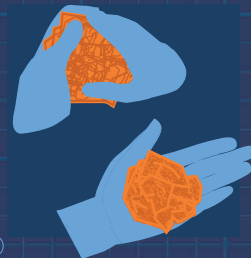
SCHEMATIC IMAGE 



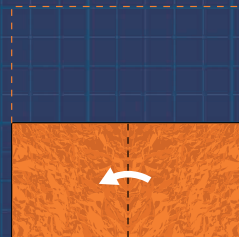




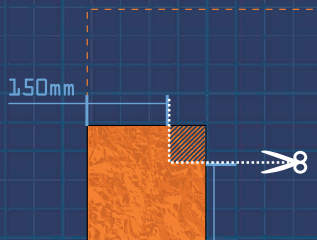
①



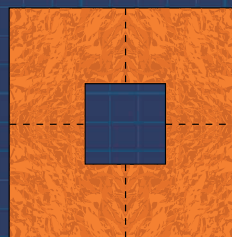
③



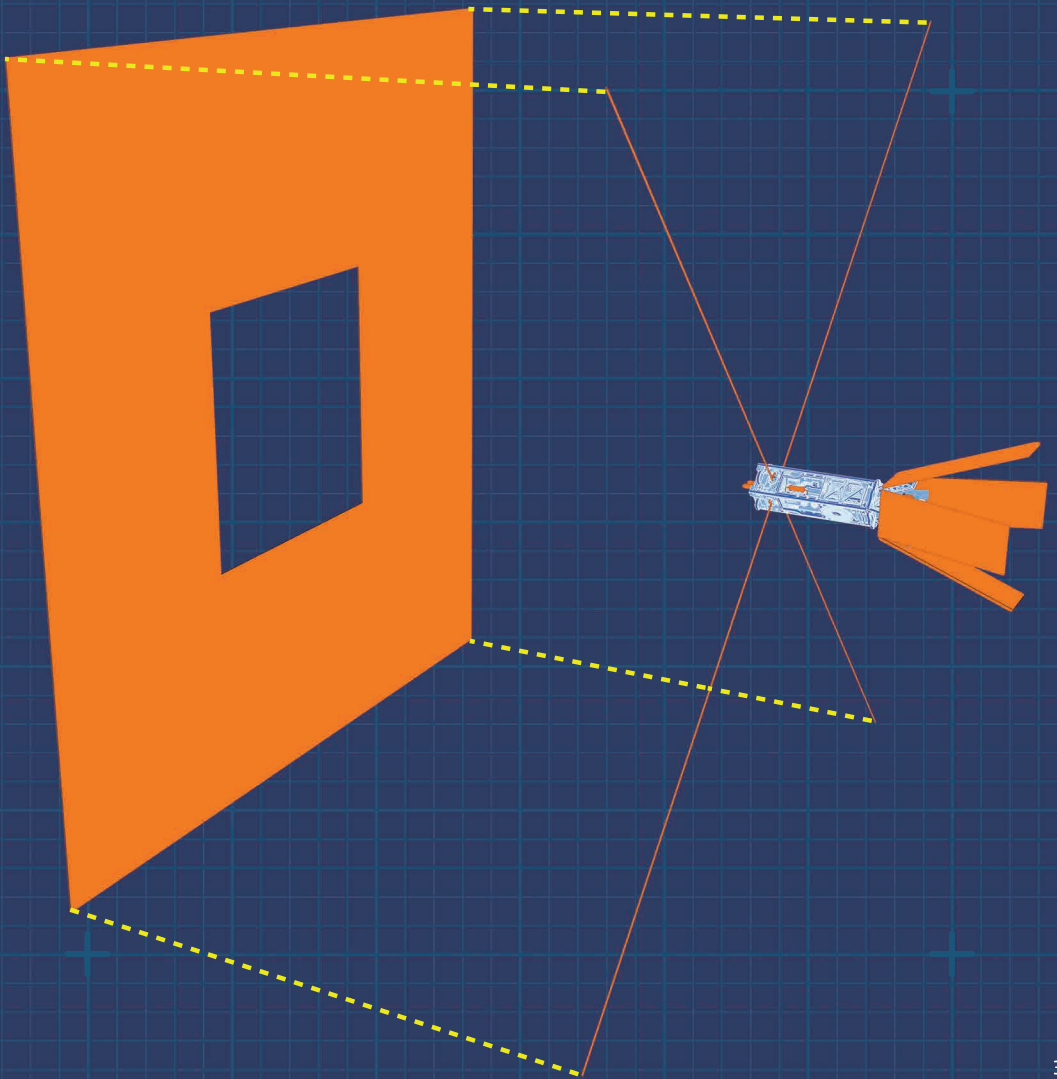
④

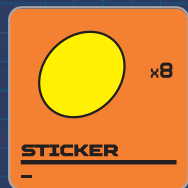
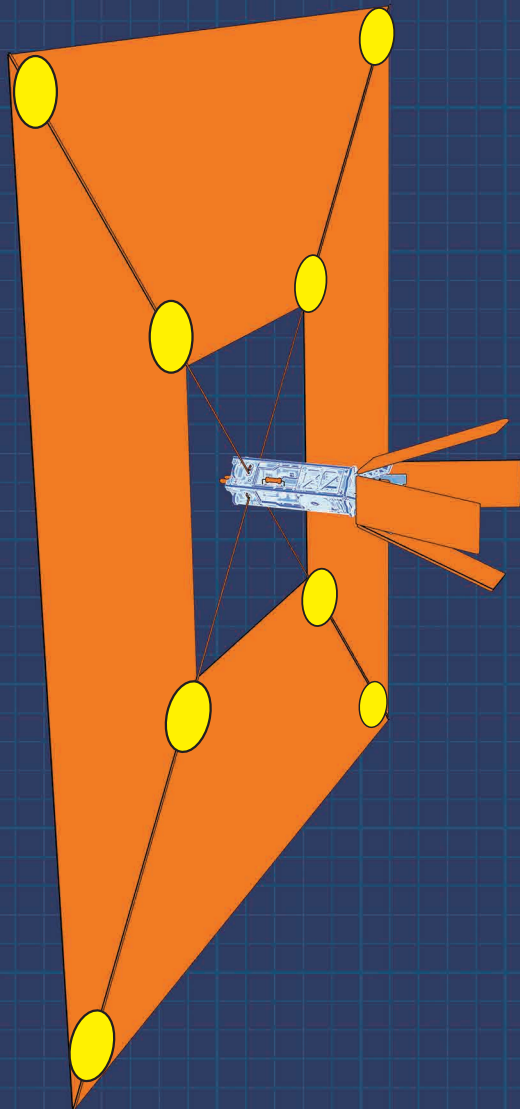


⑤

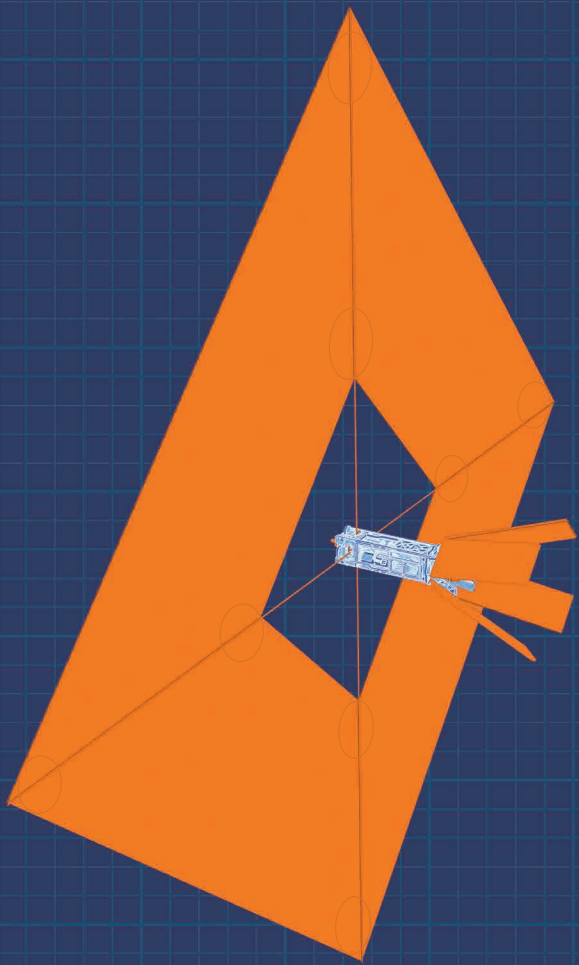


⑥





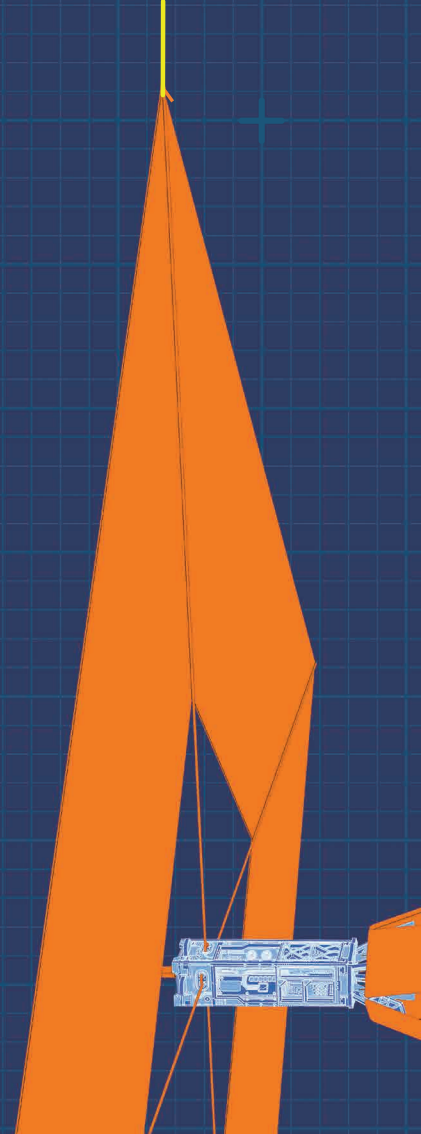
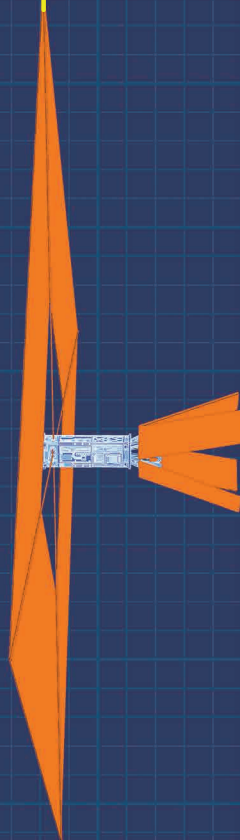
▶ KEEP SAFE



▶ KEEP SAFE

LIFT OFF

NYLON WIRE





NYLON WIRE

1



2



3



METAL WIRE



NOTES

Lined area for notes with horizontal dotted lines.



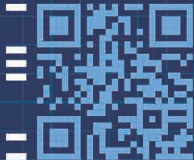
Handwriting practice area with 18 horizontal dotted lines.

GEEKCLUB.COM

KEEP SAFE ◀



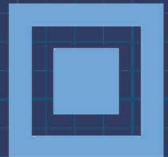
READ BEFORE FLIGHT



f/📷 WE.ARE.GEEKCLUB

MORE FUN STUFF ON OUR WEBSITE !!!
A QUESTION ? SOME COMMENTS ?

WWW.GEEKCLUB.COM



KEEP SAFE ◀