

H-IIB

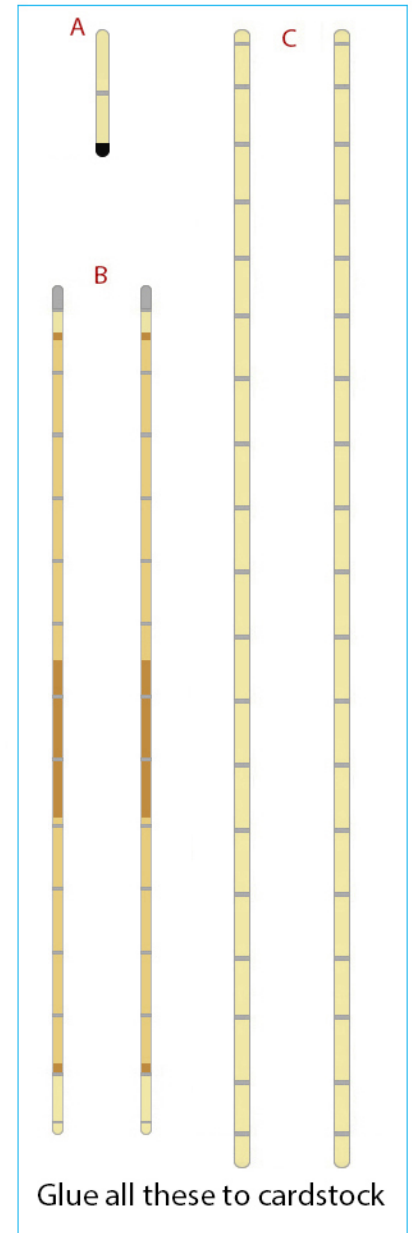
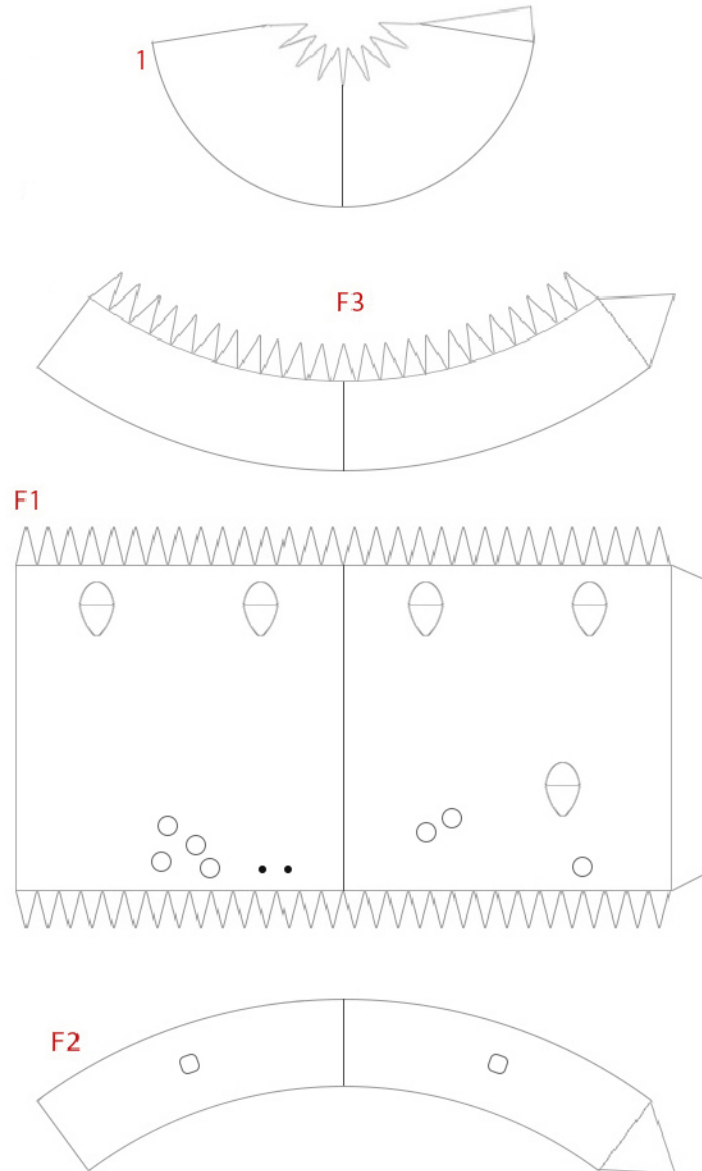
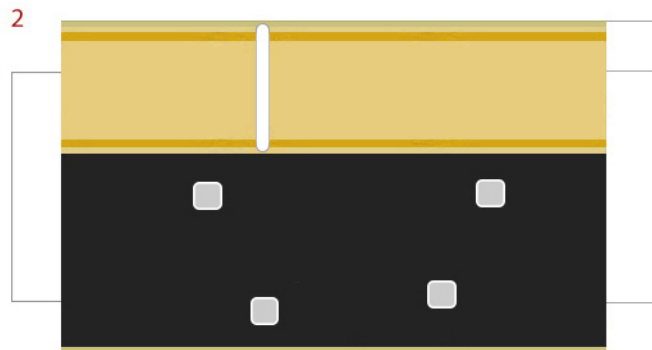
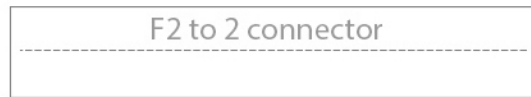


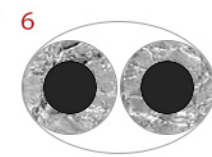
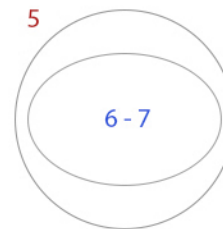
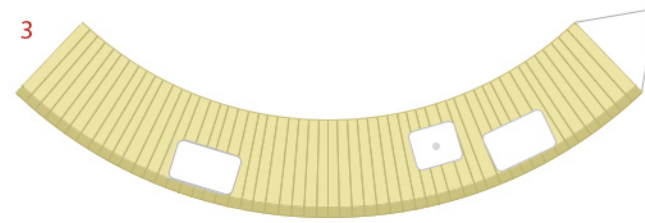
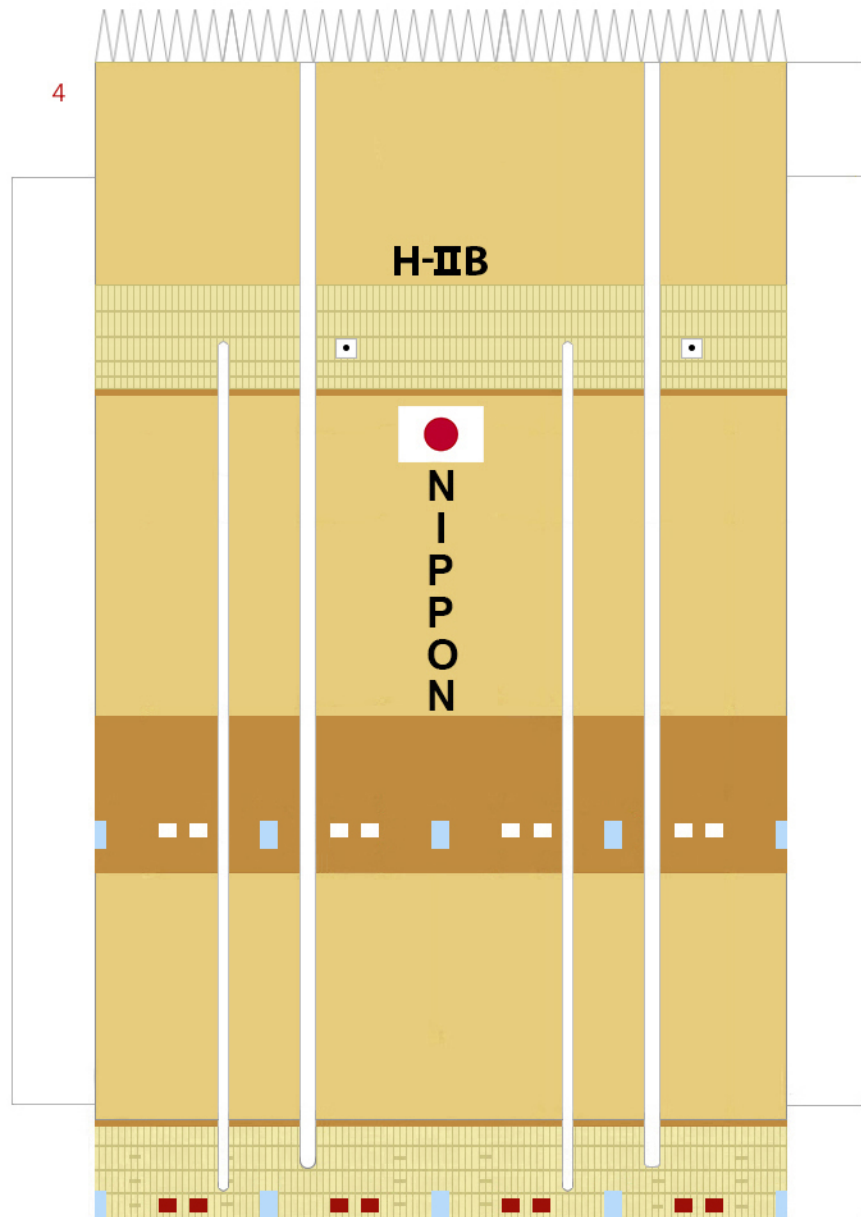
The H-IIB launch vehicle is a heavier version compared to the H-IIA launch vehicle. Based on the technology of the H-IIA, has achieved vastly increases in its launch capacity through enhanced rocket engine propulsion power and larger satellite fairing.

The H-IIB launch vehicle is a two-stage rocket using liquid oxygen and liquid hydrogen as propellant and has four strap-on solid rocket boosters (SRB-A). First stage of the H-IIB has two liquid rocket engines (LE-7A) and it has four SRB-As attached to the body, while the standard version of the H-IIA has one LE-7A engine and two SRB-As. In addition, the H-IIB's first-stage has expanded to 5.2m in diameter from 4m of the H-IIA's one. The total length of the first stage has also extended by 1m from that of the H-IIA. As the result of such enhancement, the on-board propellant of the H-IIB is 1.7 times more than the H-IIA. The H-IIB has developed based on the technology and the reliability that we have cultivated in development of the H-IIA.

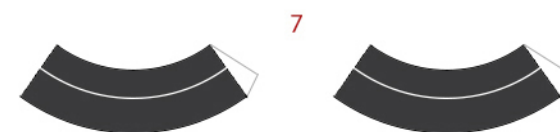
The H-IIB launch vehicle launches the H-II Transfer Vehicle (HTV) as one of transportation to the International Space Station (ISS).

H-IIB made its first flight in September 10, 2009, and had made a total of nine flights through May of 2020 with no failures.

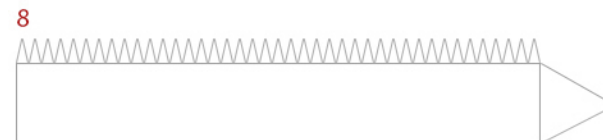




Former
glue to cardstock



Color back Black

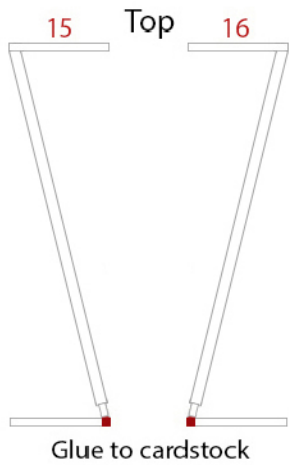
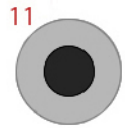
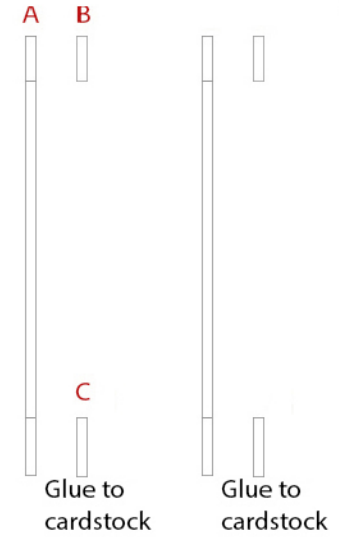
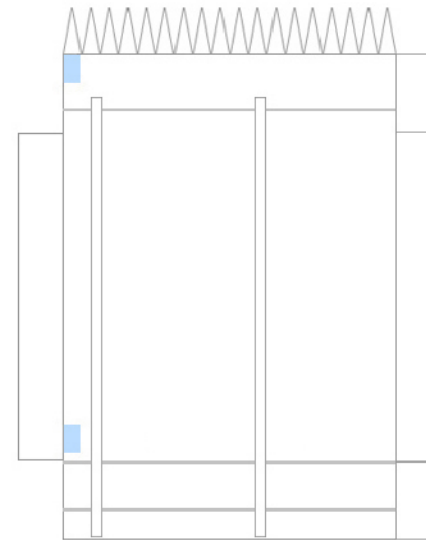
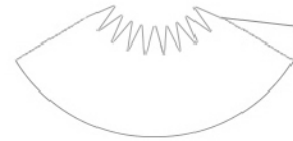
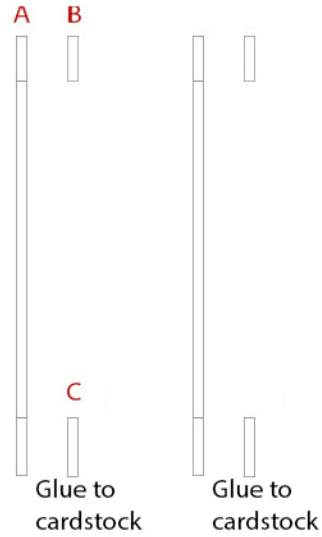
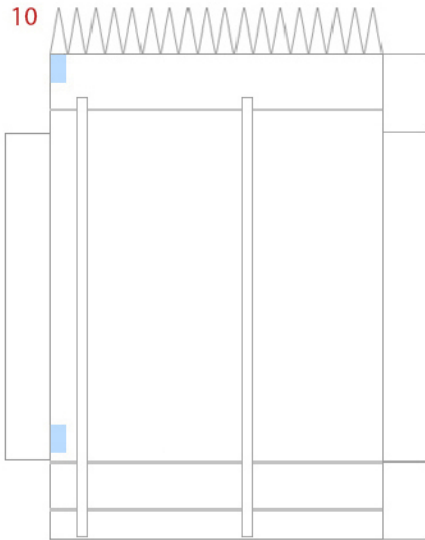
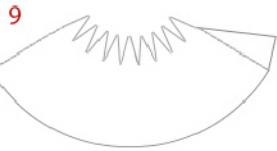


H-IIB

Zach's



PaperSat Designs
Spacecraft Paper Models

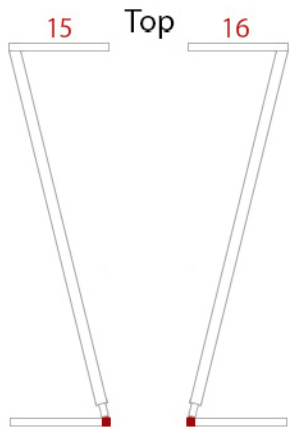
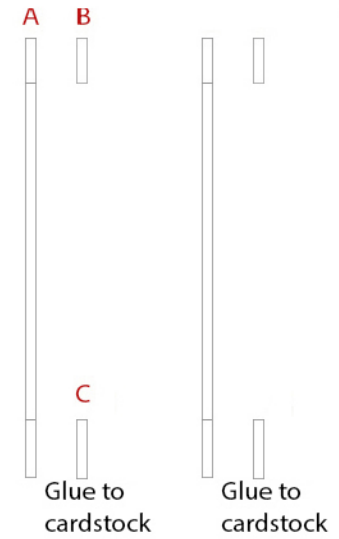
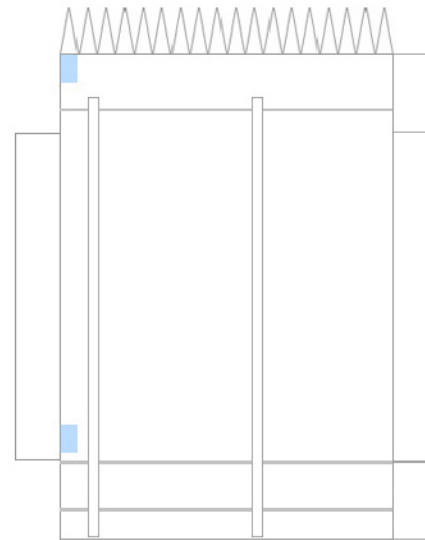
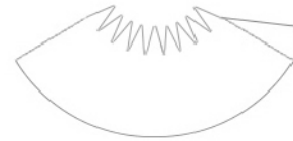
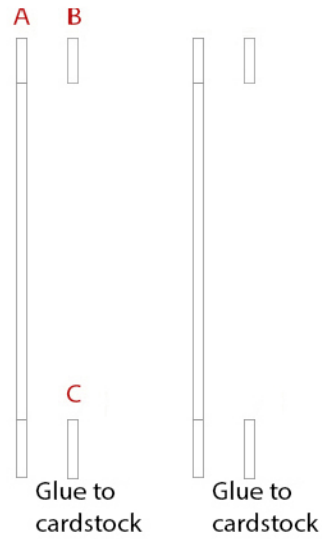
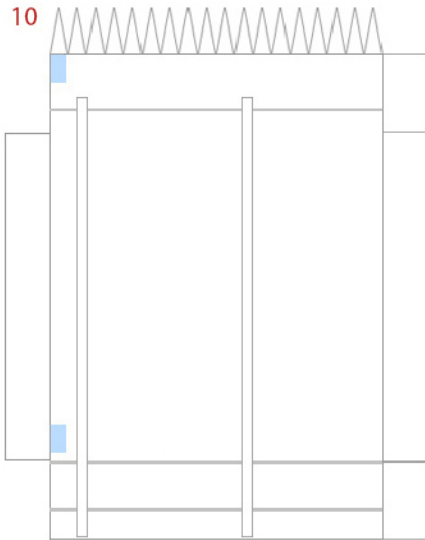
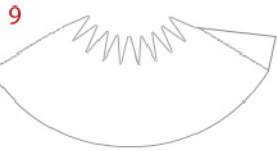


H-IIB

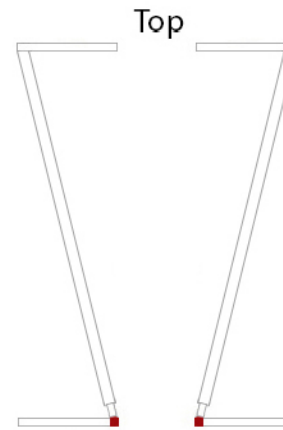
Zach's



PaperSat Designs
Spacecraft Paper Models



Glue to cardstock



Glue to cardstock