

Shipping boxes for HUNCH built ISS Single Lockers

Schools: Palm Bay H.S. Florida, New Horizons Regional Education Center H.S. Virginia.

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Problem:

- HUNCH machining students across the country are helping build highly machined lockers for the ISS. We need good, reusable boxes for shipping parts and finished lockers to different parts of the country where the lockers may be outfitted for the experiment they will hold while on the ISS. HUNCH was looking for some shipping boxes for the HUNCH built lockers that would fly to the ISS. Schools were asked to come up with designs that would protect the space hardware from the rigors of postal travel. Two schools came up with designs for the shipping crates.



Palm Bay Magnet H.S., Palm Bay, Florida

This kind of roll open shipping box uses hinges to make it easy to get our sensitive equipment in and out of the box with out scratching or damaging it. They got their idea from an ammo box they saw. Good engineering starts with finding what already exists. The final design would include foam on the inside to cushion the ISS Locker.



New Horizons Regional Education Center Newport News, Virginia.

These sturdy shipping crates are both slick looking and tough. Featuring plywood construction and foam interior to keep the contents scratch free. Having the logo on the side makes for good HUNCH advertisement.

