

ALL FILES PACKAGE

READ THIS FIRST!

In this compressed folder you will find all the drawings, CAD files, and DXF files available for the 2019 Team Drawings.

Drawings: For convenience, all the drawing files have been exported to PDF format. There is one drawing per major field assembly. Each drawing will include the step-by-step instructions on how to assemble the component as well as dimensioned drawings for the individual pieces.

CAD Files: All Solidworks files required to make a half field.

DXF Files: New for this year, we have included DXF files that contain all the plywood or hardboard items laid out in 4'x8' sheets. Files that include AC050 in the name are the 1/2" thick plywood components, AC075 are the 3/4" thick components, HB125 are the 1/8" thick hard board components, HB025 are the 1/4" thick hardboard components.

COMPONENT LIST

TE-19102 – 2"x4" Hab lvl 3

Description: This design is the Hab lvl 3 design, constructed from pine lumber, plywood and hardboard.

TE-19103 – 2"x4" Hab lvl 2

Description: This design is the Hab lvl 2 design, constructed from pine lumber, plywood and hardboard.

TE-19104 – Full Hab lvl 1

Description: This design is the Hab lvl 1 design, constructed from pine lumber, plywood and hardboard. This design is for the full width of the HAB, with ramps on all three sides.

TE-19105 – Half Hab lvl 1

Description: This design is a half width, level 1 Hab design that still features ramps on all three sides.

TE-19106 – Single Bay Side

Description: This contains a single bay of the side of the Cargo Ship. This design is constructed out of plywood and lumber. Teams that need more than one bay to practice will want to consider building more than one or building TE-19112 (Full Cargo Ship).

TE-19107 – Cargo Front Single

Description: This contains a single bay of the front of the Cargo Ship. This design is constructed out of plywood and lumber. Teams that need more than one bay to practice will want to consider building more than one or building TE-19111 (Cargo Front).

TE-19108 – Loading Station

Description: Loading Station built out of plywood and lumber.

TE-19110 – Single Bay Rocket

Description: This is a simplified Rocket design, made from plywood and lumber. This design only features the first level of scoring.

TE-19111 – Cargo Front

Description: This design features a full version of the front two bays of the cargos ship, both left and right versions.

TE-19112 – Full Cargo Ship

Description: Full plywood and lumber version of the Cargo Ship. Design includes all 8 bays.

TE-19113 – Full Rocket

Description: Full version of the Rocket constructed out of plywood and lumber. Contains all three levels of scoring.

TE-19117 – Hab lvl 3

Description: This is an additional design of Hab level 3 constructed using mostly plywood. The design allows for easy disassembly and storage when not in use.

TE-19118 – Hab lvl 2

Description: This is an additional design of Hab level 2 constructed using mostly plywood. The design allows for easy disassembly and storage when not in use.