Three point air rifle range.

Built on the Tracker P18, pontoon trailer frame.

Platform 8 ft wide by 20 ft long - constructed of 3/4" or 5/8" plywood.
For a person, which will be necessary periodically to clean the interior of the range.

Install 2" x 4" floor joists laterally between the 2" x 6" joists to provide enough support.

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The side walls and roof must withstand high winds in transportation. Suggest ½" plywood with oak ribs. The only function the walls and roof provide is a safety partition.

Plywood panel for Bass Pro and co-sponsor logos

This section can be constructed of Lexan (polycarbonate glass) with oak supports, so that the gallery can see the interactive targets.

Suggest installing a canopy the width of the range and extending four feet behind the firing line to provide shade and shelter for the staff and participants.

Shooters will be seated at a standard 8 foot table or the table can be constructed as part of the range.

The impact wall should be at a 45 degree angle with a catch basin at the bottom. Pivot at the base so as to provide access to the targets for repair or replacement.

The impact wall should be constructed of 18 gage sheet metal, laminated to ½" plywood with adhesive.

Range floor

Pivot point
(B) "L" bracket - Insert 1/4" bar to hold doors parallel. Prevent table from falling out of channel. Also provides frame to secure awning.

(A) Table and doors fabricated with 3/4" plywood. Table (2' x 8') slides into channel formed with 1 1/2" baluster and locked into place with four hinge pins (4"), one in each corner of the table. (Note: when table is in place there will be a 2' space between the range deck and the table. Good location for 20lb bulk tank of CO₂.)