

PW-5 TRAILERING INSTRUCTIONS
LOUISVILLE SOARING CLUB
FREEMAN FIELD, SEYMOUR, INDIANA



Purpose: To facilitate retrieval of the PW-5 using its trailer. A minimum of 3 people are necessary to load the PW-5 onto its trailer. The PW-5 tool box is sitting on the trailer. Take it along. It contains all the small parts and straps that are needed. Make sure the various parts are secured to the trailer.



The following must also go along:

Fuselage cradle and hold down bar

Horizontal tail holder

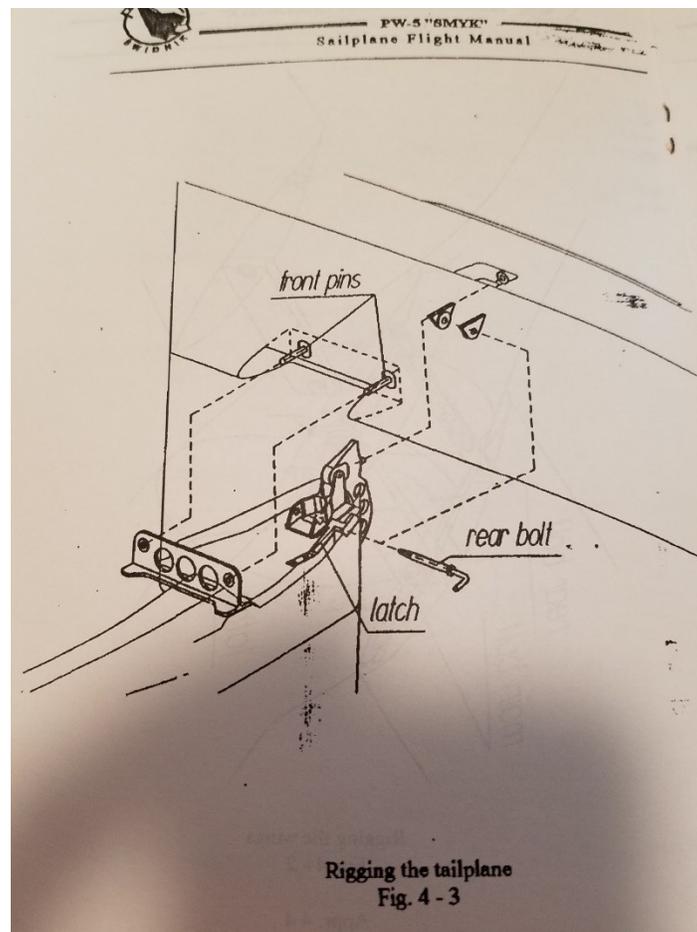


Aileron locks



Removal of the tail plane:

Remove the horizontal tail surface from the PW by pulling the pin on the left side of the fuselage under the tail plane. Place the pin in the cockpit. Set the tail surface in the holding fixture.



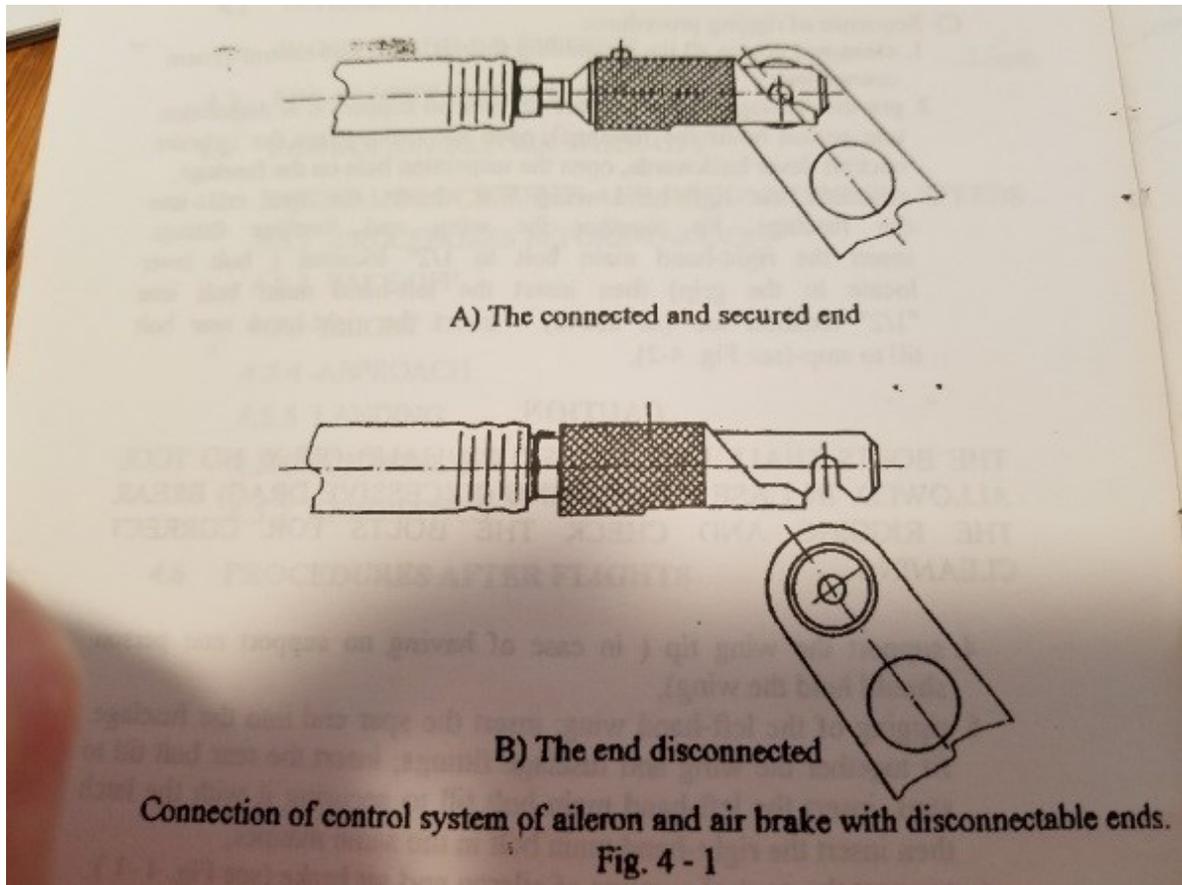
Wing removal:

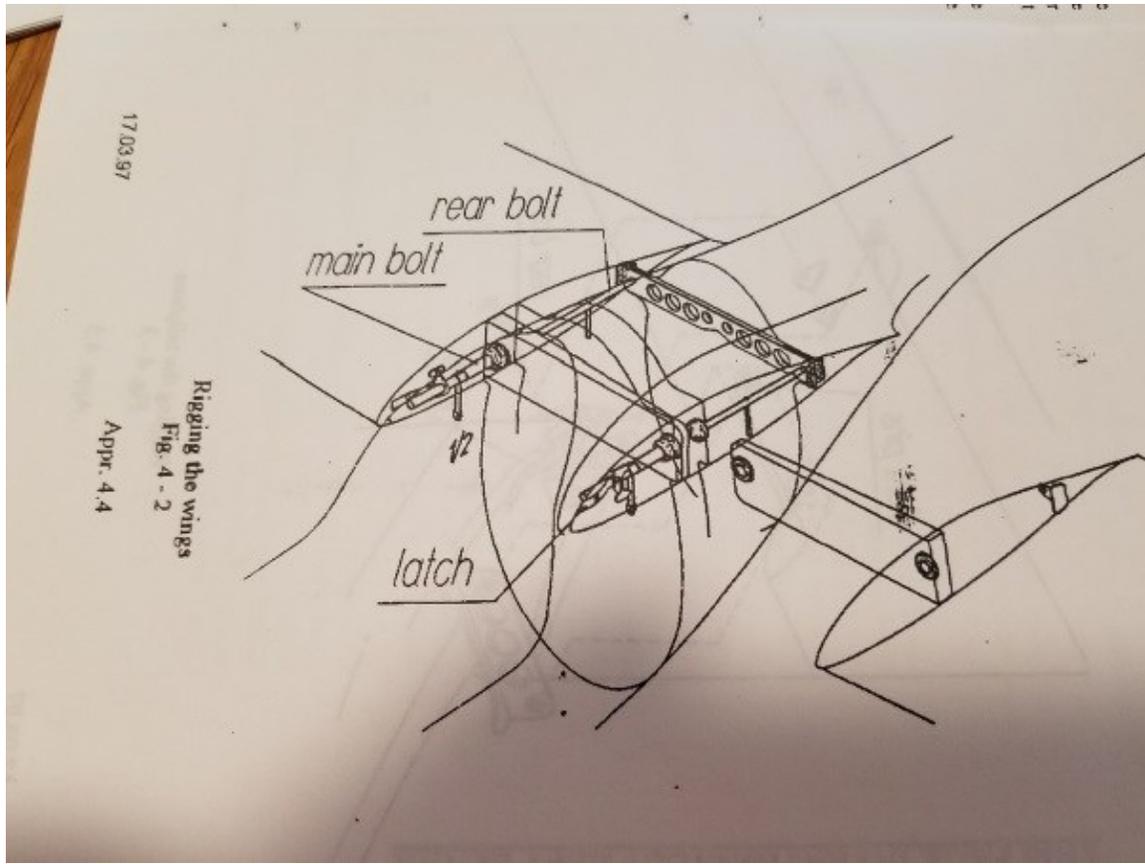
Place the aileron locks on the wings.

Remove the access cover behind the cockpit on top of the fuselage. Place the cover in the cockpit.

Untape the wing roots.

Reaching into the access opening disconnect the four connections from the aileron and spoiler push rods.





Remove the left wing first.

Have someone supporting each wingtip. Spring the safety devices aside and pull both main wing pins halfway out. Pull the left wing rear bolt forward to the stop.

This allows the left wing to be removed from the fuselage. Slide the wing out and set it aside.

Remove the right wing.

Have someone support the fuselage while pulling the main pins the rest of the way out. Pull the right wing rear bolt forward to the stop. Remove the right wing and set it aside.

Loading the fuselage onto the trailer.

Place the fuselage tie-down bar through the spar opening in the fuselage and move the main pins to the rear.



Place the fuselage cradle at the rear of the trailer. Elevate the trailer tongue. Place the wooden ramp at the end of the trailer. Roll, pull fuselage onto the cradle. Move the fuselage forward until the cradle engages the cradle latch. Make sure canopy is closed and latched. Install access cover on top of fuselage.



Adjust the fuselage position so the tail wheel sits in the recess in the floor. Strap the fuselage down.

Secure the tail to the floor with rope or straps.

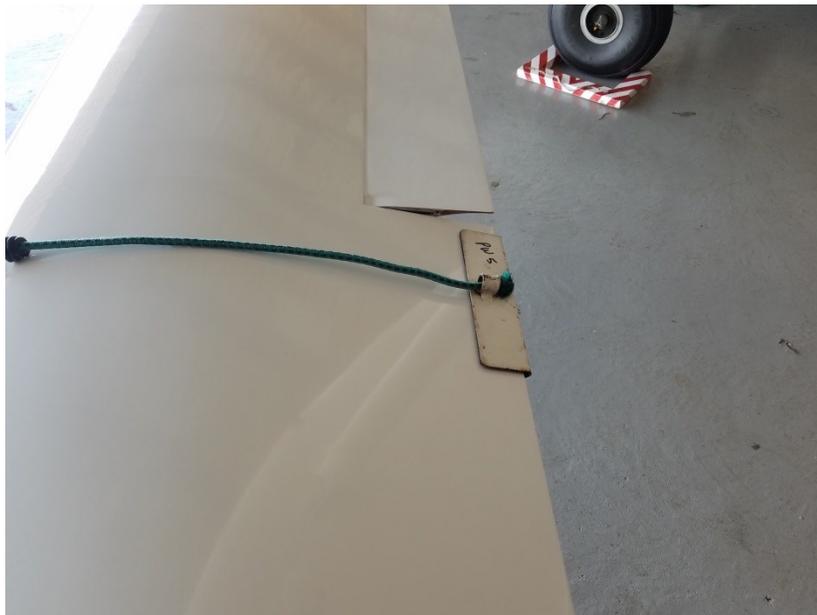
Place the horizontal tail holder on the trailer and rope the holder to the eyebolts on the floor at each end.

Loading the wings onto the trailer.

Load each wing onto the trailer as follows. Clean the cradles that the wing rests on and cover each with a towel. Clean the flat surfaces where the spars will sit.



Place each wing on the trailer and install the washer and nut. Strap the wings down using the cuffs that go over the trailing edge.



Lower the tongue, secure the front retractable foot. Connect lights.