

Duo Wing Rigger Use

Assembly:

- 1) Lower saddle to lower stop and lock into place. Large knurled knob.
- 2) Extend upper arm to index mark to facilitate wing insertion into saddle (see below).



- 3) Position rigger next to fuselage left side. Note center rail on trailer ramp (see below).



- 4) Slide saddle toward fuselage on rigger axle.
- 5) Remove left wing from trailer into rigger saddle (see above). Spar stub should be about 5-10 pounds heavy.
- 6) Lower upper arm to secure wing trailing edge in saddle (see below)



- 7) Slide saddle to center of axle
- 8) Maneuver wing to bring wing root in line with spar box on fuselage.
- 9) Pivot wing to horizontal and partially insert into spar box.
- 10) Raise wing and saddle to appropriate height and lock
- 11) Insert wing fully into spar box
- 12) Partially insert center wing pin into left wing to hold in place
- 13) Support wing with wing stand
- 14) Extend upper arm of wing rigger and remove rigger
- 15) Repeat for right wing

Disassembly:

- 1) Place wing stand under left wing
- 2) Position rigger on right wing aligned per (see below)



- 3) Preload wing to facilitate removal of center wing pin
- 4) Remove center wing pin only far enough to allow removal of right wing.
- 5) Remove right wing

- 6) Rotate wing to vertical and maneuver to place wing next to fuselage with root on trailer wing fitting.
- 7) Slide saddle toward fuselage on rigger axle.
- 8) Lower wing saddle to stop
- 9) Extend upper arm to allow wing removal (see below)



- 10) Lift wing tip and roll wing into trailer
- 11) Position wing saddle into center of axle
- 12) Repeat for left wing.