



INSTRUCTIONS FOR P A X O L I N D O U B L E R S

IN GENERAL:

- I suggest to use the "pinch-grip" on these booms, i.e. press the rangs between thumb and index-finger as tightly as possible to get maximum spin and better hang-time for the Outsider.
- The pair is to be held with the Insider on top of the Outsider.

The THROW:

ALWAYS THROW INTO THE WIND ( halfway between the wind and your normal direction ). This is the ONLY way to get the Outsider high enough ( like in MTA ) .

- Throw these 3bladers VERTICALLY and higher up than a 2blader, about 15 to 30 degrees above horizon, depending on wind.
- THROW THEM HARD!! The more power you put into your throw, the more time you'll get in between the catches.

ADJUSTMENTS:

The DIRECTION is correct, when the Outsider passes above your head or slightly behind you ( never in front! ).

If the Outsider....

- doesn't hang long enough:

1. throw harder, with more spin OR
2. bend on arm up slightly ( repeat if necessary ) OR
3. give ONE arm a slight negative twist (clockwise) - then you have to throw a bit more into the wind and slightly lower OR
4. put bigger weights on the wings of the Outsider OR
5. give the Insider a positive twist on one arm and bend it down slightly

FOR MORE WIND move the weights to the tips as far as possible and throw a bit higher or with less power.

GOOD LUCK -

Uolke

THROWING AND TUNING PAXOLIN DOUBLERS

THROW: I PREFER TO THROW PINCH GRIP, BECAUSE THIS GIVES THESE RANGS TH BEST ROTATION= FLYING TIME. I PUT THE INSIDER ( THE ONE THAT'S SUPPOSD TO RETURN FIRST ) ON THE OUTSIDE TO AVOID MID-AIR COLLISION.

TUNE: FOR MORE RANGE, USE WEIGHTS AS USUAL; BUT IT'S A GOOD IDEA TO PUT THEM ON THE UPPER SIDE OF THE RANG THAT YOU PUT ON TOP OF THE PAIR, SO YOU DON'T CHANGE THE TILT ANGLE TOO MUCH:

YOU THROW SLIGHTLY MORE INTO THE WIND THAT USUALLY ( 20-30 DEGREES ) and YOU DO NOT TILT THESE RANGS MORE THAT JUST SLIGHTLY.

FOR MORE HOVER OF THE SECOND RANG BEND UP ONE OR TWO ARMS ( CAREFULLY, DON'T BREAK THEM!!!!). ALSO YOU CAN PUT ONE FLAP ON TOP OF ONE OF THE ARMS OF THE FIRST RANG ( FLAP MADE FROM TAPE, ABOUT 1/2" WIDE and 1/8" high ) ABOUT HALFWAY BETWEEN CENTER AND WINGTIP. THIS SLOWS IT DOWN AND BRINGS IT DOWN FASTER, SO YOU GET MORE TIME TO RUN FOR THE SECOND ONE.

STABILITY OF HOVER: IF THE SECOND RANG TENDS TO ROCK BACK AND FORTH IN THE HOVER:

- a) TRY TO ALTER YOUR THROW; DON'T THROW OVERVERTICAL and DON'T USE TOO MUCH TILT. THE OUTSIDER WORKS PRETTY MUCH LIKE AN MTA.
- AND/OR b) GIVE ONE ARM A SLIGHT TWIST COUNTER-CLOCKWISE AND/OR
- c) MAKE ONE FLAP AND PUT IT ON THE UNDERSIDE OF THE RANG, IN THE CENTER. ONE OR TWO OF THE ABOVE OPERATIONS USUALLY DO THE TRICK.

GENERALLY: THE HARDER YOU THROW, THE MORE TIME YOU USUALLY GET IN BETWEEN CATCHES, SPECIALLY IN NO OR LOW WINDS. IN HIGHER WINDS YOU PUT MORE WEIGHT ON, SO THE RANGS LOSE THEIR ENERGY IN FRONT INSTEAD OF BEHIND YOU.

TRY AND LEARN!

GOOD LUCK -

*Volker Beltrius*

