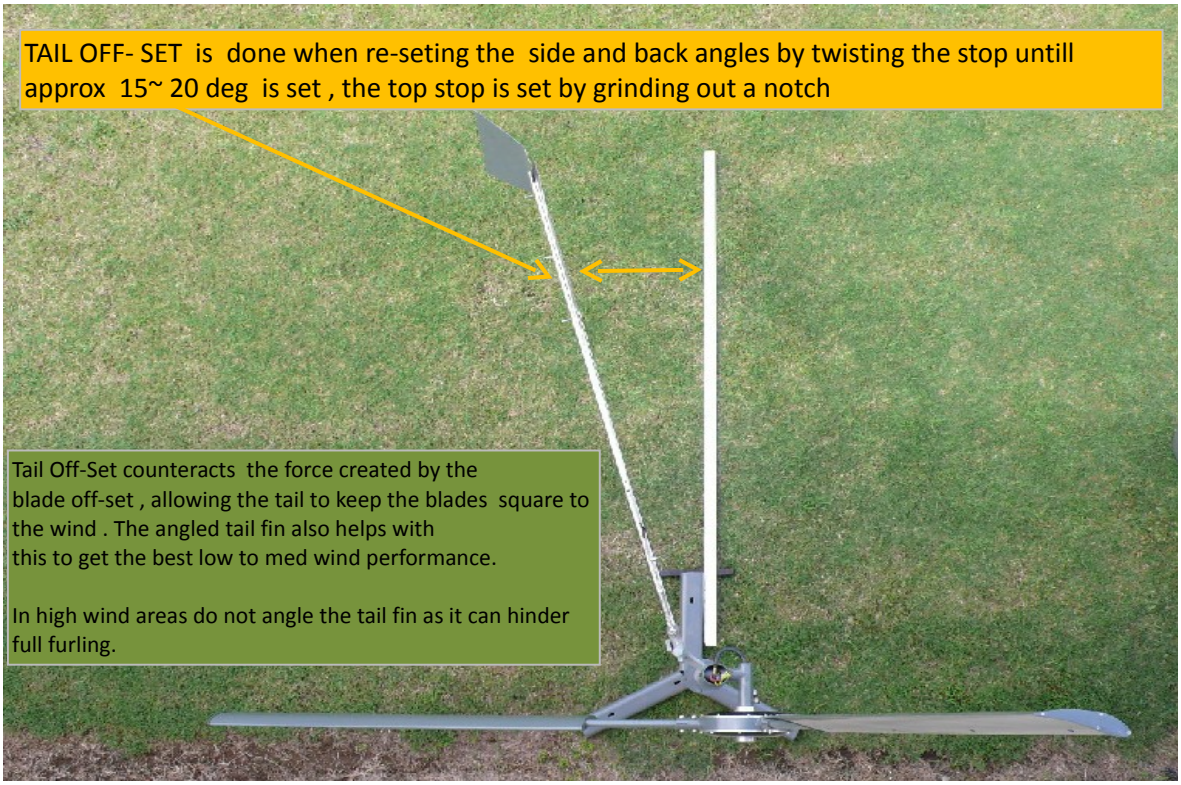
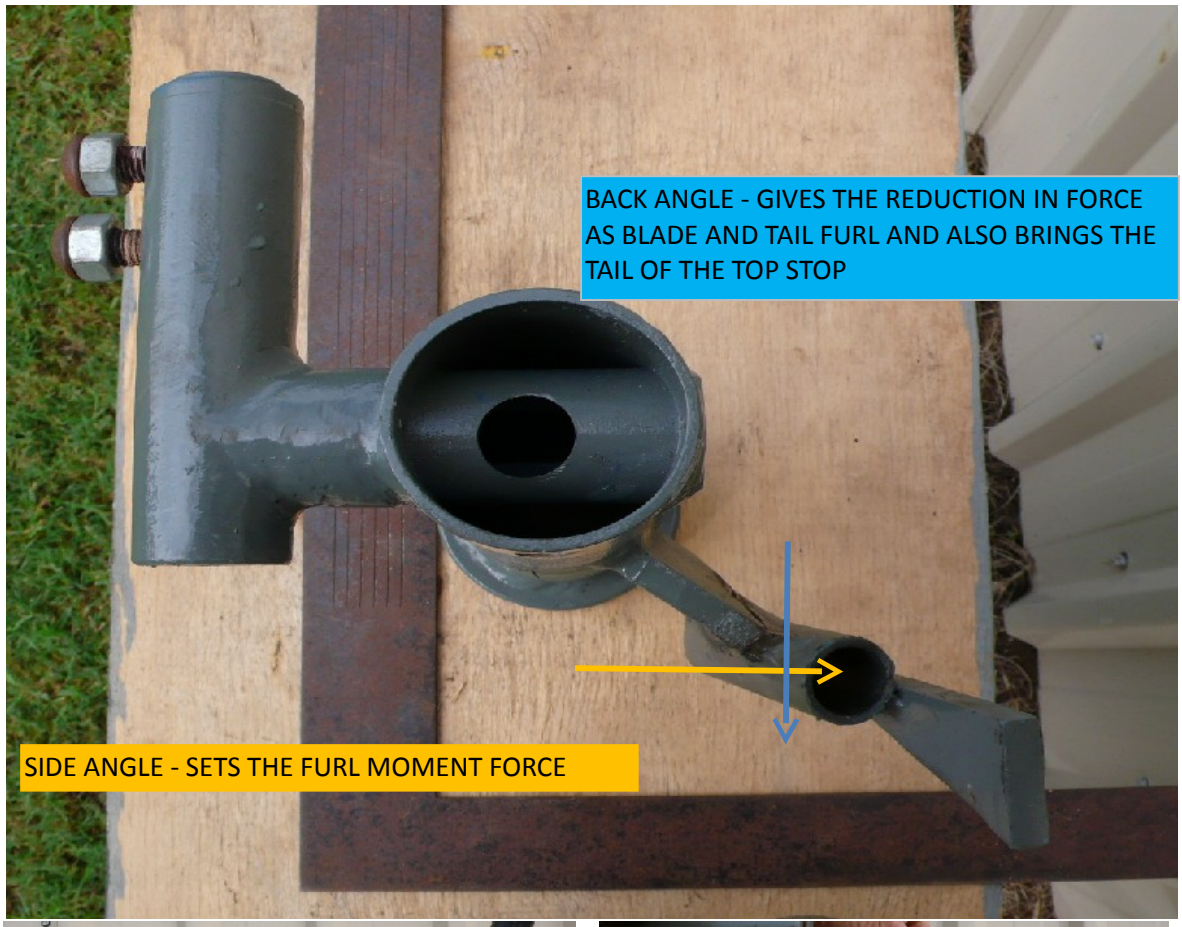

TAIL OFF- SET is done when re-seting the side and back angles by twisting the stop untill approx 15~ 20 deg is set , the top stop is set by grinding out a notch
Tail Off-Set counteracts the force created by the blade off-set , allowing the tail to keep the blades square to the wind . The angled tail fin also helps with this to get the best low to med wind performance.
In high wind areas do not angle the tail fin as it can hinder full furling.


Tail Top Stop - This can be done and checked that the tail will not come into contact with the blades . Use a grinder to notch out the stop lug so the tail is paralell with the blades .



TOP LEFT - SHOWS SETTING SIDE ANGLE WITH AN INCLOMETER .

TOP RIGHT - SHOWS SETTING BACK ANGLE

LEFT- SHOWS USING A SMALL LEVEL WITH THE CORRECT ANGLE CUT ON A PIECE OF PLY TO SET THE ANGLES. USE A ROD OR DOWEL THROUGH THE PIVOT TO SET ANGLES OF .
*MAKE SURE NACELL IS VERTICAL BEFORE SETTING THE ANGLES *

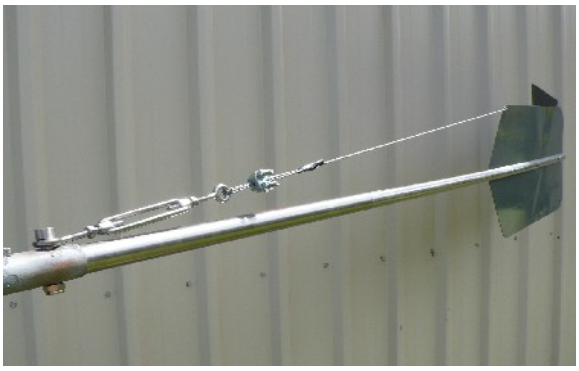
TO CHANGE THE ANGLES (SIDE,BACK & BOTTOM STOP) IT IS BEST TO CUT JUST BEHIND THE WELD ON THE PIVOT BUSH , IT MAY BE BEST TO CUT IN FROM THE BOTTOM AND TOP LEAVING APPROX 10MM JOINED IN THE MIDDLE , THEN REMOVE MATERIAL FROM EITHER TOP OR BOTTOM OF THE CUT TO ALLOW THE NEW ANGLES .

AFTER CHANGING THE TAIL PIVOT ANGLES THE TAIL SUPPORT TUBE MOUNT CAN BE ADJUSTED BY CAREFULLY CUTTING / GRINDING THE WELD AND RE- WELDING IT WITH A SLIGHT ANGLE UP .

SHOWS HOLDING NACELL WHILE SETTING THE TAIL TUBE ANGLE.

IT IS BEST TO JUST TAC WELD ALL THE CUTS AND RECHECK THAT ALL ANGLES ARE CORRECT BEFORE FULLY REWELDING

MAKE SURE THE TAIL OFF-SET ANGLE(AS SHOWN IN OVER HEAD PIC) IS BENT AROUND BEFORE FULLY REWELDING



SHOWS THE TAIL SUPPORT WIRE AND TURBUCKLE .
DRILL A SMALL HOLE AT THE TOP OF THE TAIL AND THREAD THE WIRE THROUGH THE TURNBUCKLE EYE SO 4 WIRES ARE HELD BY THE WIRE GRIP .
ONLY 1 BOLT IS REQUIRED TO HOLD TURNBUCKLE AND TAIL TUBE , TIGHTEN TURNBUCKLE SO THE TAIL WEIGHT IS TENSIONED

POP RIVET THE TAIL FIN AND IT IS ADVISABLE TO REPLACE THE TAIL RIVETS WITH 1/4 BOLTS

FURL SIDE & BACK SET ANGLES SUPPLIED SEPERATLY AND CAN CHANGE DUE TO DIFFERENT TAIL WEIGHTS AND BLADE DIA.