



BUILDING AND FLYING INSTRUCTIONS:

- 1 - Study the plans and all contents carefully.
- 2 - Check shape of motor mounts to prevent spinning.
- 3 - Remove all dust and dirt from the sheets.
- 4 - Check parts for defects for use in wing, fuselage, stabilizer, elevators, rudder fin, rudder etc.

WIND ASSUMPTION:

- 5 - Use 1/8" x 1/4" bottom forward spar to align.
- 6 - Position ribs P-3, W-4, W-5, W-7, W-8, W-9 - note each rib has an alignment hole to hold level. These are trimmed off later on.
- 7 - Rib and W-10 is an alternative.
- 8 - Connect the leading and trailing edges in place.
- 9 - The top forward spar in new position.
- 10 - Note based on top rear 1/2" x 1/4" spar.
- 11 - Connect W-10 in place.
- 12 - All plywood ribs spacers are now installed.
- 13 - Add rib W-11, W-12 and W-13.
- 14 - Rib W-14 over rib W-13 to rib W-15.
- 15 - Assemble opposite panel in like manner.
- 16 - Remove from plan and add rib W-14.
- 17 - Remove from plan and add rib W-14.

WING ASSEMBLY DETAIL

18 - Install the 1/2" x 1/4" wing spars. 19 - Install the 1/2" x 1/4" wing spars. 20 - Install the 1/2" x 1/4" wing spars. 21 - Install the 1/2" x 1/4" wing spars. 22 - Install the 1/2" x 1/4" wing spars. 23 - Install the 1/2" x 1/4" wing spars. 24 - Install the 1/2" x 1/4" wing spars. 25 - Install the 1/2" x 1/4" wing spars. 26 - Install the 1/2" x 1/4" wing spars. 27 - Install the 1/2" x 1/4" wing spars. 28 - Install the 1/2" x 1/4" wing spars. 29 - Install the 1/2" x 1/4" wing spars. 30 - Install the 1/2" x 1/4" wing spars. 31 - Install the 1/2" x 1/4" wing spars. 32 - Install the 1/2" x 1/4" wing spars. 33 - Install the 1/2" x 1/4" wing spars. 34 - Install the 1/2" x 1/4" wing spars. 35 - Install the 1/2" x 1/4" wing spars. 36 - Install the 1/2" x 1/4" wing spars. 37 - Install the 1/2" x 1/4" wing spars. 38 - Install the 1/2" x 1/4" wing spars. 39 - Install the 1/2" x 1/4" wing spars. 40 - Install the 1/2" x 1/4" wing spars. 41 - Install the 1/2" x 1/4" wing spars. 42 - Install the 1/2" x 1/4" wing spars. 43 - Install the 1/2" x 1/4" wing spars. 44 - Install the 1/2" x 1/4" wing spars. 45 - Install the 1/2" x 1/4" wing spars. 46 - Install the 1/2" x 1/4" wing spars. 47 - Install the 1/2" x 1/4" wing spars. 48 - Install the 1/2" x 1/4" wing spars. 49 - Install the 1/2" x 1/4" wing spars. 50 - Install the 1/2" x 1/4" wing spars. 51 - Install the 1/2" x 1/4" wing spars. 52 - Install the 1/2" x 1/4" wing spars. 53 - Install the 1/2" x 1/4" wing spars. 54 - Install the 1/2" x 1/4" wing spars. 55 - Install the 1/2" x 1/4" wing spars. 56 - Install the 1/2" x 1/4" wing spars. 57 - Install the 1/2" x 1/4" wing spars. 58 - Install the 1/2" x 1/4" wing spars. 59 - Install the 1/2" x 1/4" wing spars. 60 - Install the 1/2" x 1/4" wing spars. 61 - Install the 1/2" x 1/4" wing spars. 62 - Install the 1/2" x 1/4" wing spars. 63 - Install the 1/2" x 1/4" wing spars. 64 - Install the 1/2" x 1/4" wing spars. 65 - Install the 1/2" x 1/4" wing spars. 66 - Install the 1/2" x 1/4" wing spars. 67 - Install the 1/2" x 1/4" wing spars. 68 - Install the 1/2" x 1/4" wing spars. 69 - Install the 1/2" x 1/4" wing spars. 70 - Install the 1/2" x 1/4" wing spars. 71 - Install the 1/2" x 1/4" wing spars. 72 - Install the 1/2" x 1/4" wing spars. 73 - Install the 1/2" x 1/4" wing spars. 74 - Install the 1/2" x 1/4" wing spars. 75 - Install the 1/2" x 1/4" wing spars. 76 - Install the 1/2" x 1/4" wing spars. 77 - Install the 1/2" x 1/4" wing spars. 78 - Install the 1/2" x 1/4" wing spars. 79 - Install the 1/2" x 1/4" wing spars. 80 - Install the 1/2" x 1/4" wing spars. 81 - Install the 1/2" x 1/4" wing spars. 82 - Install the 1/2" x 1/4" wing spars. 83 - Install the 1/2" x 1/4" wing spars. 84 - Install the 1/2" x 1/4" wing spars. 85 - Install the 1/2" x 1/4" wing spars. 86 - Install the 1/2" x 1/4" wing spars. 87 - Install the 1/2" x 1/4" wing spars. 88 - Install the 1/2" x 1/4" wing spars. 89 - Install the 1/2" x 1/4" wing spars. 90 - Install the 1/2" x 1/4" wing spars. 91 - Install the 1/2" x 1/4" wing spars. 92 - Install the 1/2" x 1/4" wing spars. 93 - Install the 1/2" x 1/4" wing spars. 94 - Install the 1/2" x 1/4" wing spars. 95 - Install the 1/2" x 1/4" wing spars. 96 - Install the 1/2" x 1/4" wing spars. 97 - Install the 1/2" x 1/4" wing spars. 98 - Install the 1/2" x 1/4" wing spars. 99 - Install the 1/2" x 1/4" wing spars. 100 - Install the 1/2" x 1/4" wing spars.

FLYING:

- 87 - Test fly on 22" lines to calm air. Check for free-running condition. If you can't move forward by 1/2" on the line there is room for improvement. Check for spread control. Up action on control should be a crosswind. In prepared to back up to keep line taut at all times and keep model lower as it swings into the wind, restricting back on the downwind leg.
- 88 - The model should only, never into the wind with a control line.
- 89 - This allows model to accelerate and gain centrifugal force before being caught in a crosswind. In prepared to back up to keep line taut at all times and keep model lower as it swings into the wind, restricting back on the downwind leg.
- 90 - For best flight, keep line taut at all times and show and calm or lower your line for correct recovery. This will prevent over-rotating, but use more weight covered if to correct position. Use full power at all times. Set handle wire a turn each at take-off to allow for leaning into the air. Keep low to the ground, and forward for landing. Heavy landings with wing "Wilder".

Controlines
GRUMMAN F4F
WILDCAT

DESIGNED AND DRAWN BY: DON MCGHEE
 KIT ENGINEERED BY: BILL EITNER

FOR .09 TO .15 ENGINES
 FULL SIZE PLANS
 28-1/2" WINGSPAN
 3/4" x 1" SCALE

LENGTH - 20"
 KIT NO. 548
 3/4" x 1" SCALE

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