

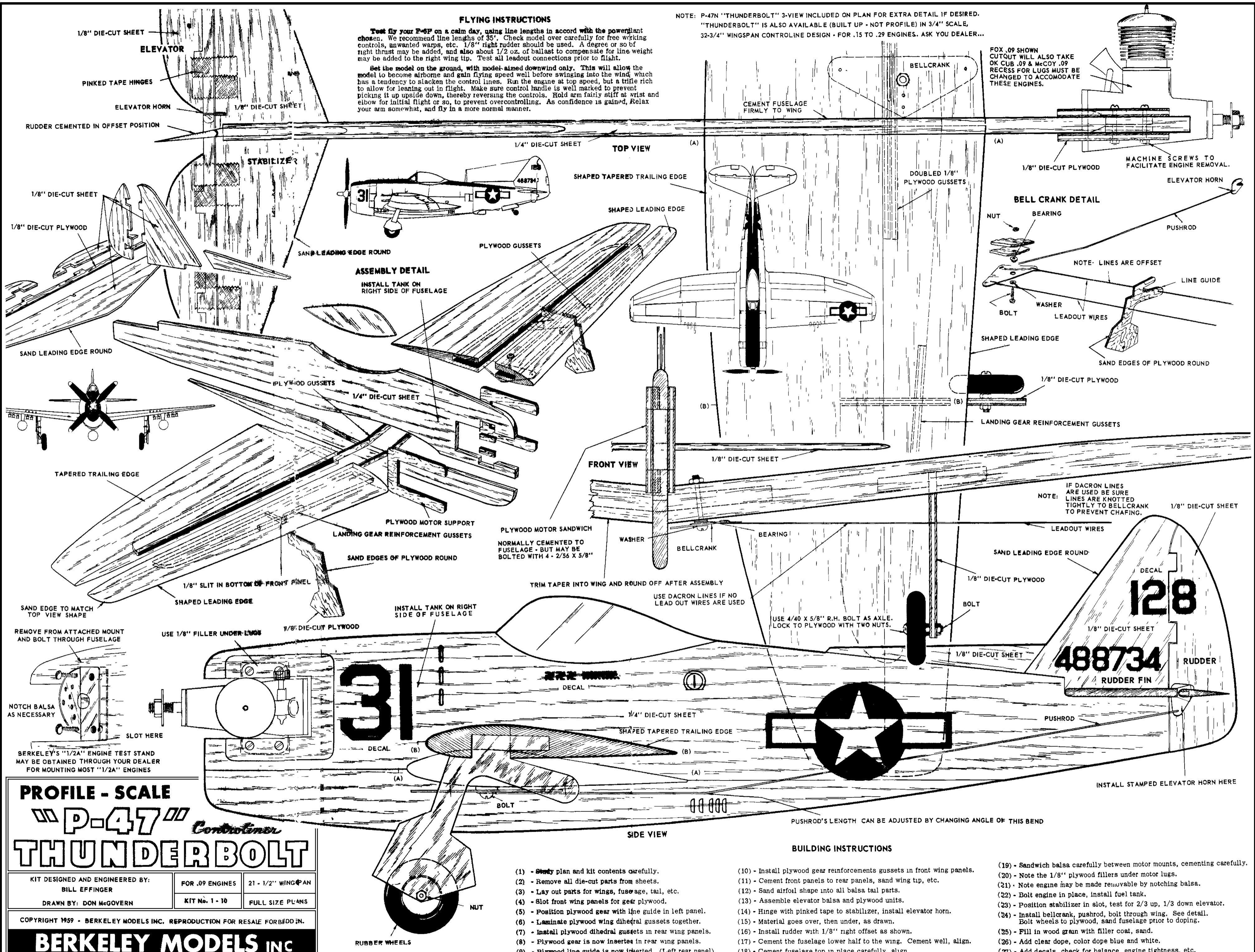
FLYING INSTRUCTIONS

Test fly your P-47 on a calm day, using line lengths in accord with the powerplant chosen. We recommend line lengths of 35'. Check model over carefully for free working controls, unwanted warps, etc. 1/8" right rudder should be used. A degree or so of right thrust may be added, and also about 1/2 oz. of ballast to compensate for line weight may be added to the right wing tip. Test all leadout connections prior to flight.

Set the model on the ground, with model aimed downwind only. This will allow the model to become airborne and gain flying speed well before swinging into the wind, which has a tendency to slacken the control lines. Run the engine at top speed, but a trifle rich to allow for leaning out in flight. Make sure control handle is well marked to prevent picking it up upside down, thereby reversing the controls. Hold arm fairly stiff at wrist and elbow for initial flight or so, to prevent overcontrolling. As confidence is gained, Relax your arm somewhat, and fly in a more normal manner.

NOTE: P-47N "THUNDERBOLT" 3-VIEW INCLUDED ON PLAN FOR EXTRA DETAIL IF DESIRED. "THUNDERBOLT" IS ALSO AVAILABLE (BUILT UP - NOT PROFILE) IN 3/4" SCALE, 32-3/4" WINGSPAN CONTROL LINE DESIGN - FOR .15 TO .29 ENGINES. ASK YOUR DEALER...

FOX .09 SHOWN CUTOUT WILL ALSO TAKE OK CUB .09 & McCOY .09 RECESS FOR LUGS MUST BE CHANGED TO ACCOMMODATE THESE ENGINES.



PROFILE - SCALE
"P-47" *Control Line*
THUNDERBOLT

KIT DESIGNED AND ENGINEERED BY: BILL EFFINGER	FOR .09 ENGINES	21 - 1/2" WINGSPAN
DRAWN BY: DON MCGOVERN	KIT No. 1 - 10	FULL SIZE PLANS

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- 1) - Study plan and kit contents carefully.
- 2) - Remove all die-cut parts from sheets.
- 3) - Lay out parts for wings, fuselage, tail, etc.
- 4) - Slot front wing panels for gear plywood.
- 5) - Position plywood gear with line guide in left panel.
- 6) - Laminate plywood wing dihedral gussets together.
- 7) - Install plywood dihedral gussets in rear wing panels.
- 8) - Plywood gear is now inserted in rear wing panels.
- 9) - Plywood line guide is now inserted. (Left rear panel).

- 10) - Install plywood gear reinforcements gussets in front wing panels.
- 11) - Cement front panels to rear panels, sand wing tip, etc.
- 12) - Sand airfoil shape into all balsa tail parts.
- 13) - Assemble elevator balsa and plywood units.
- 14) - Hinge with pinked tape to stabilizer, install elevator horn.
- 15) - Material goes over, then under, as drawn.
- 16) - Install rudder with 1/8" right offset as shown.
- 17) - Cement the fuselage lower half to the wing. Cement well, align.
- 18) - Cement fuselage top in place carefully, align.

- 19) - Sandwich balsa carefully between motor mounts, cementing carefully.
- 20) - Note the 1/8" plywood fillers under motor lugs.
- 21) - Note engine may be made removable by notching balsa.
- 22) - Bolt engine in place, install fuel tank.
- 23) - Position stabilizer in slot, test for 2/3 up, 1/3 down elevator.
- 24) - Install bellcrank, pushrod, bolt through wing. See detail. Bolt wheels to plywood, sand fuselage prior to doping.
- 25) - Fill in wood grain with filler coat, sand.
- 26) - Add clear dope, color dope blue and white.
- 27) - Add decals, check for balance, engine tightness, etc.

BUILDING INSTRUCTIONS