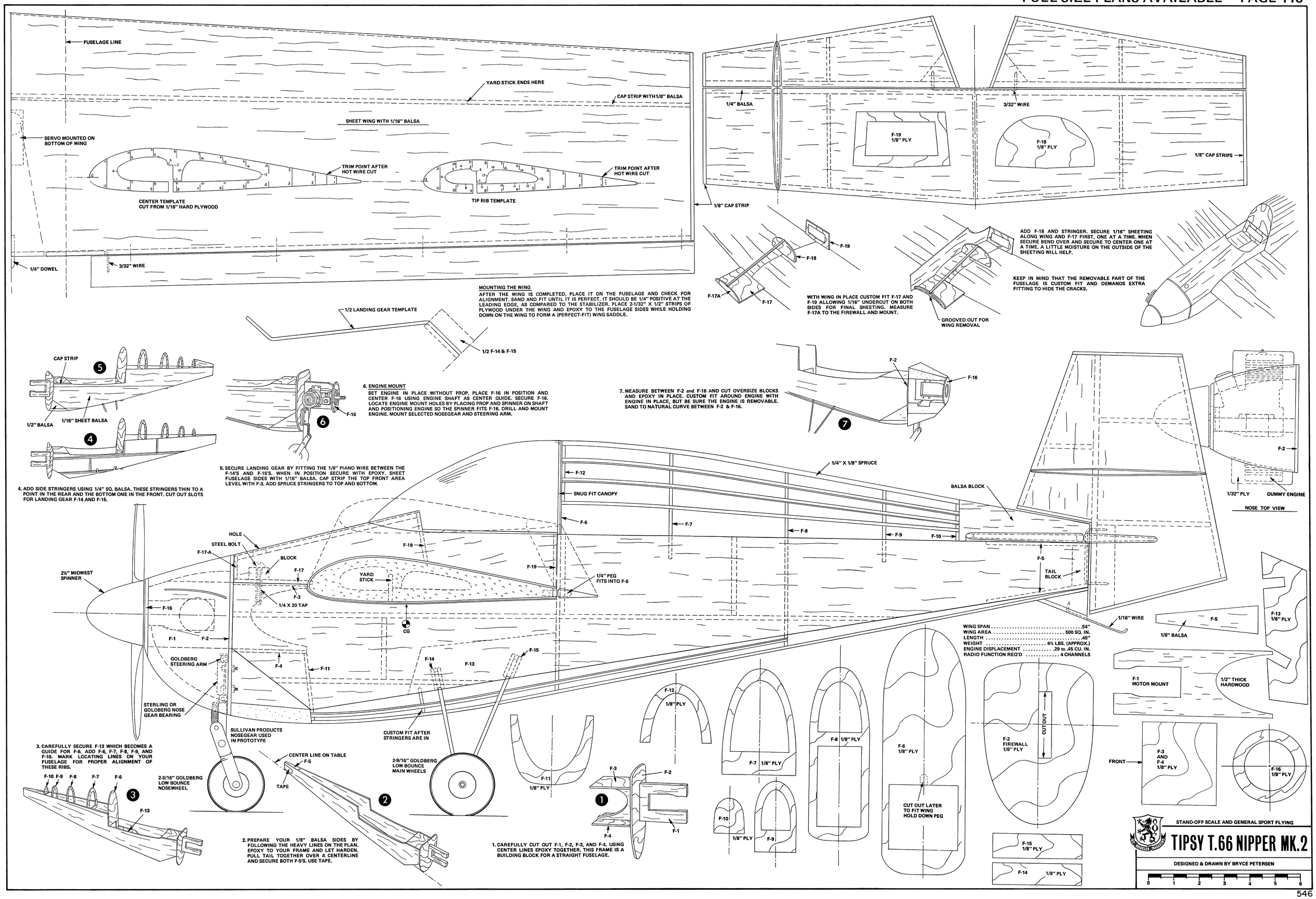

MOUNTING THE WING

AFTER THE WING IS COMPLETED, PLACE IT ON THE FUSELAGE AND CHECK FOR ALIGNMENT. SAND AND FIT UNTIL IT IS PERFECT. IT SHOULD BE 1/4" POSITIVE AT THE LEADING EDGE, AS COMPARED TO THE STABILIZER. PLACE 2-1/32" X 1/2" STRIPS OF PLYWOOD UNDER THE WING AND EPOXY TO THE FUSELAGE SIDES WHILE HOLDING DOWN ON THE WING TO FORM A (PERFECT-FIT) WING SADDLE.

WITH WING IN PLACE CUSTOM FIT F-17 AND F-19 ALLOWING 1/16" UNDERCUT ON BOTH SIDES FOR FINAL SHEETING. MEASURE F-17A TO THE FIREWALL AND MOUNT.

ADD F-18 AND STRINGER. SECURE 1/16" SHEETING ALONG WING AND F-17 FIRST, ONE AT A TIME. WHEN SECURE BEND OVER AND SECURE TO CENTER ONE AT A TIME. A LITTLE MOISTURE ON THE OUTSIDE OF THE SHEETING WILL HELP.

KEEP IN MIND THAT THE REMOVABLE PART OF THE FUSELAGE IS CUSTOM FIT AND DEMANDS EXTRA FITTING TO HIDE THE CRACKS.

6. ENGINE MOUNT

SET ENGINE IN PLACE WITHOUT PROP. PLACE F-16 IN POSITION AND CENTER F-16 USING ENGINE SHAFT AS CENTER GUIDE. SECURE F-16. LOCATE ENGINE MOUNT HOLES BY PLACING PROP AND SPINNER ON SHAFT AND POSITIONING ENGINE SO THE SPINNER FITS F-16. DRILL AND MOUNT ENGINE. MOUNT SELECTED NOSEGEAR AND STEERING ARM.

7. MEASURE BETWEEN F-2 and F-16 AND CUT OVERSIZE BLOCKS AND EPOXY IN PLACE. CUSTOM FIT AROUND ENGINE WITH ENGINE IN PLACE, BUT BE SURE THE ENGINE IS REMOVABLE. SAND TO NATURAL CURVE BETWEEN F-2 & F-16.

5. SECURE LANDING GEAR BY FITTING THE 1/8" PIANO WIRE BETWEEN THE F-14'S AND F-15'S. WHEN IN POSITION SECURE WITH EPOXY. SHEET FUSELAGE SIDES WITH 1/16" BALSA. CAP STRIP THE TOP FRONT AREA LEVEL WITH F-3. ADD SPRUCE STRINGERS TO TOP AND BOTTOM.

4. ADD SIDE STRINGERS USING 1/4" SQ. BALSA. THESE STRINGERS THIN TO A POINT IN THE REAR AND THE BOTTOM ONE IN THE FRONT. CUT OUT SLOTS FOR LANDING GEAR F-14 AND F-15.

3. CAREFULLY SECURE F-13 WHICH BECOMES A GUIDE FOR F-6. ADD F-6, F-7, F-8, F-9, AND F-10. MARK LOCATING LINES ON YOUR FUSELAGE FOR PROPER ALIGNMENT OF THESE RIBS.

2. PREPARE YOUR 1/8" BALSA SIDES BY FOLLOWING THE HEAVY LINES ON THE PLAN. EPOXY TO YOUR FRAME AND LET HARDEN. PULL TAIL TOGETHER OVER A CENTERLINE AND SECURE BOTH F-5'S. USE TAPE.

1. CAREFULLY CUT OUT F-1, F-2, F-3, AND F-4. USING CENTER LINES EPOXY TOGETHER. THIS FRAME IS A BUILDING BLOCK FOR A STRAIGHT FUSELAGE.