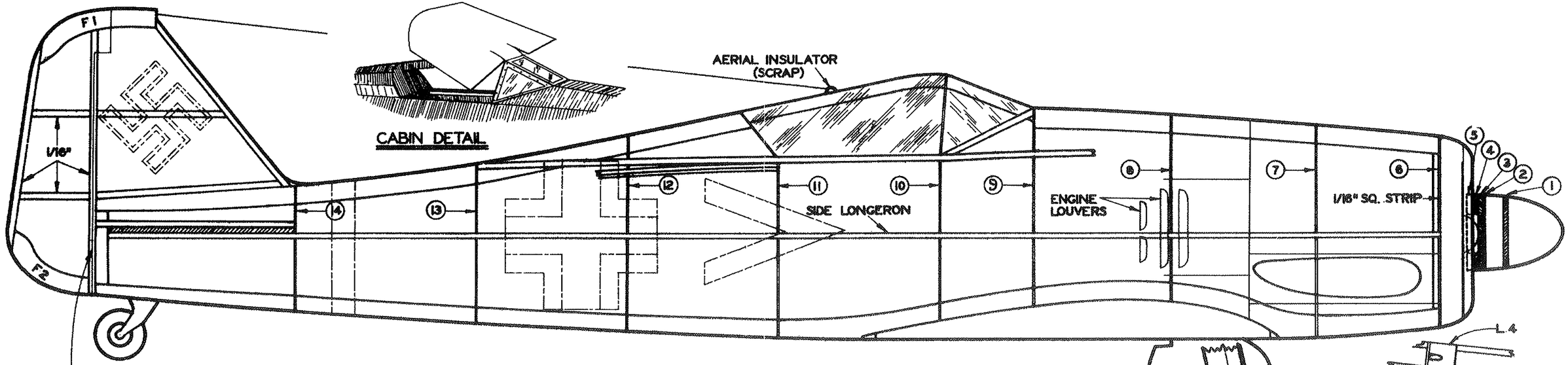
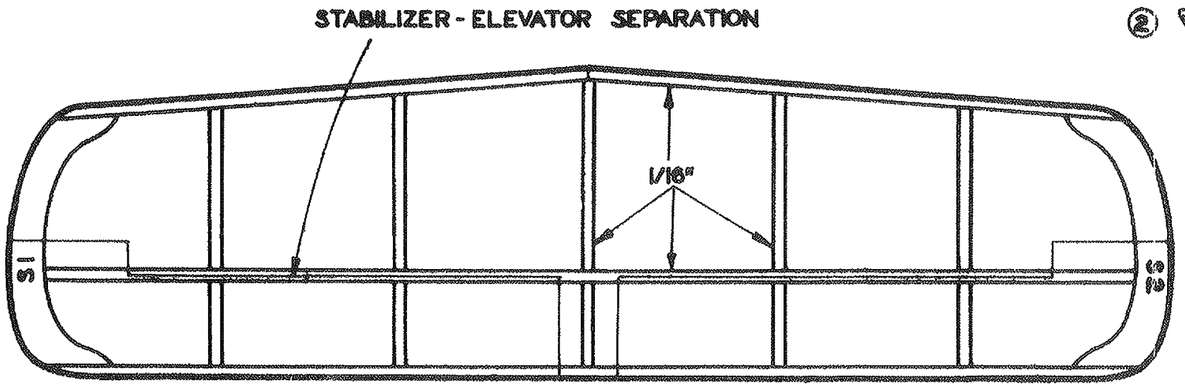
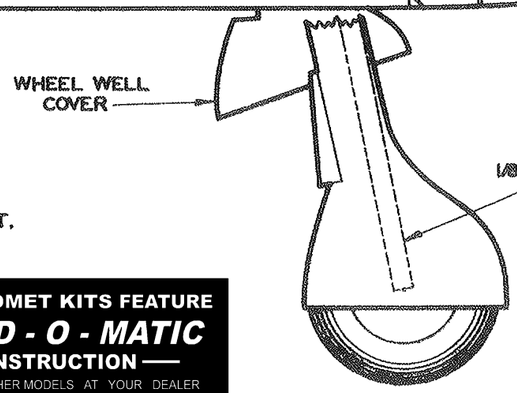


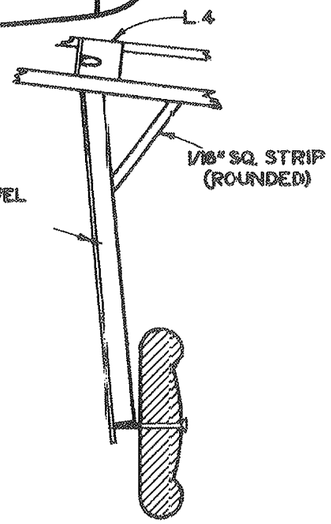


COWLING AIR BYPASS

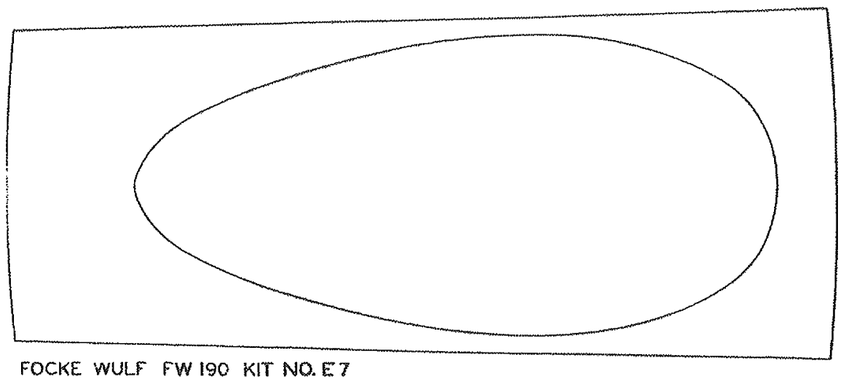
MAKE ONE LEFT AND ONE RIGHT.

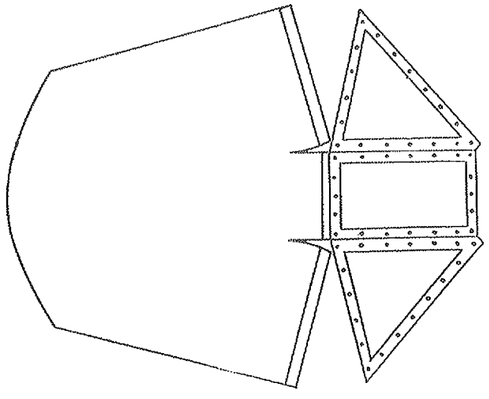
ONLY COMET KITS FEATURE
SPEED - O - MATIC
— CONSTRUCTION —
ASK FOR OTHER MODELS AT YOUR DEALER
Patent Pending





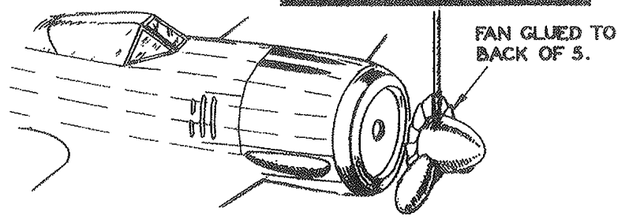
LANDING GEAR (FULL SIZE)





FOCKE WULF FW 190 KIT NO. E 7

ENGINE COWLING DETAIL



FOCKE WULF FW - 190

WINGSPAN 18 INCHES	LENGTH 15 - 5/8 INCHES
KIT NO. E 7	DRAWN BY *Hollis Freeman*

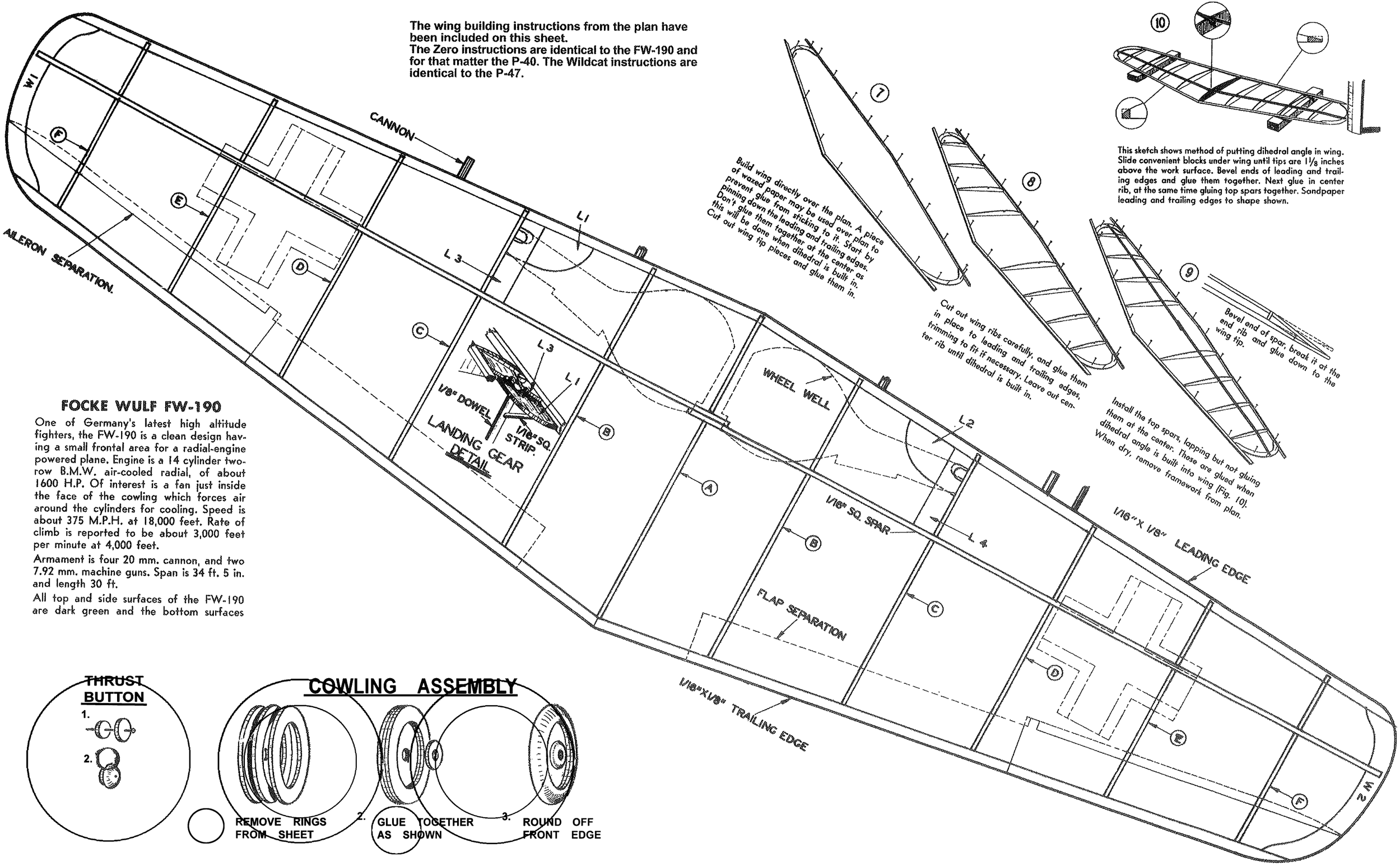
The wing building instructions from the plan have been included on this sheet.
The Zero instructions are identical to the FW-190 and for that matter the P-40. The Wildcat instructions are identical to the P-47.

FOCKE WULF FW-190

One of Germany's latest high altitude fighters, the FW-190 is a clean design having a small frontal area for a radial-engine powered plane. Engine is a 14 cylinder two-row B.M.W. air-cooled radial, of about 1600 H.P. Of interest is a fan just inside the face of the cowling which forces air around the cylinders for cooling. Speed is about 375 M.P.H. at 18,000 feet. Rate of climb is reported to be about 3,000 feet per minute at 4,000 feet.

Armament is four 20 mm. cannon, and two 7.92 mm. machine guns. Span is 34 ft. 5 in. and length 30 ft.

All top and side surfaces of the FW-190 are dark green and the bottom surfaces



Build wing directly over the plan. A piece of waxed paper may be used over plan to prevent glue from sticking to it. Start by pinning down the leading and trailing edges. Don't glue them together at the center as this will be done when dihedral is built in. Cut out wing tip pieces and glue them in.

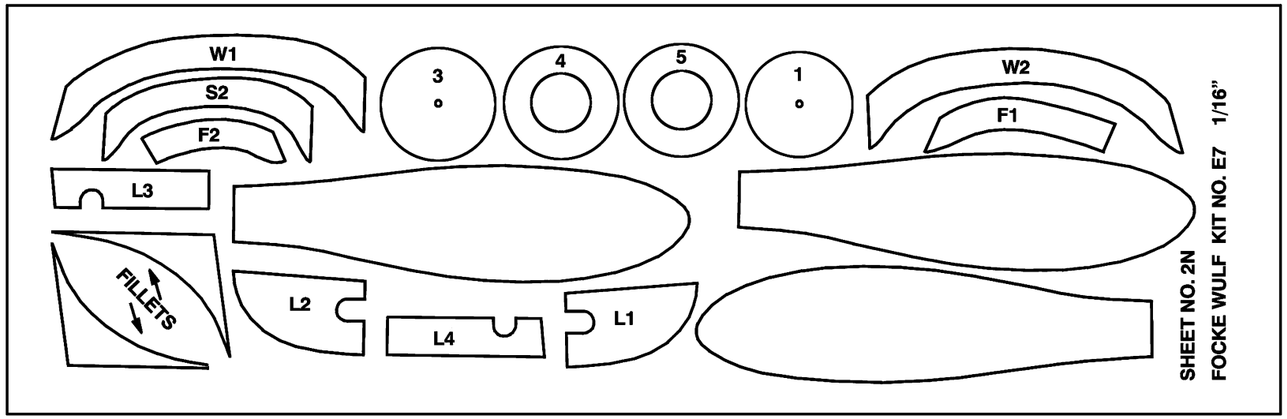
Cut out wing ribs carefully, and glue them in place to leading and trailing edges, trimming to fit if necessary. Leave out center rib until dihedral is built in.

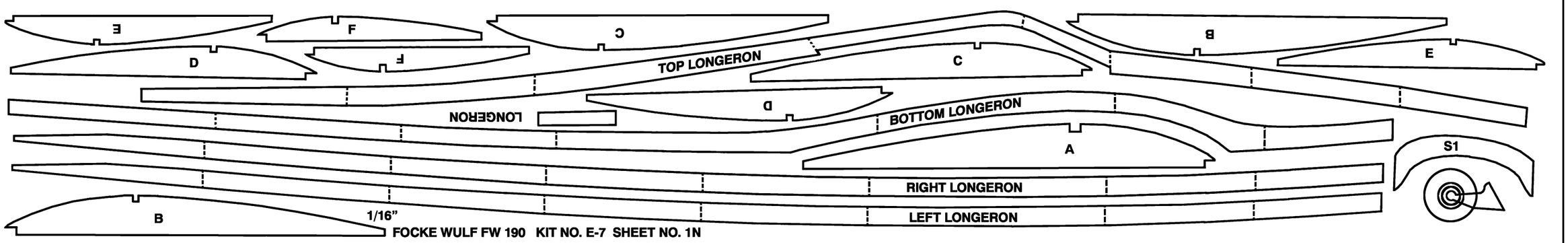
This sketch shows method of putting dihedral angle in wing. Slide convenient blocks under wing until tips are 1⅛ inches above the work surface. Bevel ends of leading and trailing edges and glue them together. Next glue in center rib, at the same time gluing top spars together. Sandpaper leading and trailing edges to shape shown.

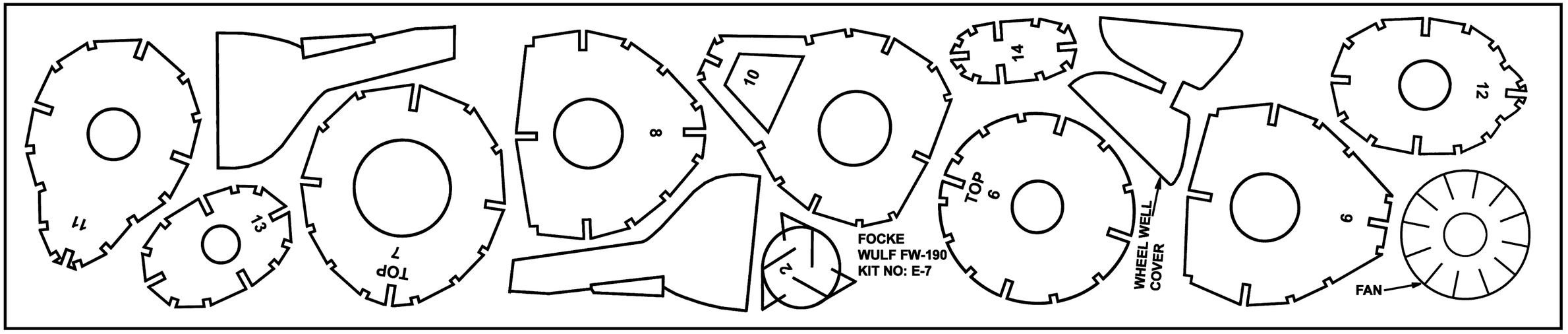
Bevel end of spar, break it at the end rib and glue down to the wing tip.

Install the top spars, lapping but not gluing them at the center. These are glued when dihedral angle is built into wing (Fig. 10). When dry, remove framework from plan.

COWLING ASSEMBLY


W1
S2
F2
3
4
5
1
W2
F1
L3
FILLETS
L2
L4
L1
SHEET NO. 2N
FOCKE WULF KIT NO. E7 1/16"


E
F
C
D
F
TOP LONGERON
C
B
E
LONGERON
D
BOTTOM LONGERON
A
S1
RIGHT LONGERON
LEFT LONGERON
B
1/16"
FOCKE WULF FW 190 KIT NO. E-7 SHEET NO. 1N


11
13
TOP
7
8
10
2
FOCKE
WULF FW-190
KIT NO: E-7
14
TOP
6
WHEEL WELL
COVER
12
9
FAN