



N-X-211 BOTTOM OF LEFT WING  
TOP OF RIGHT WING

FRONT VIEW

TOP VIEW

SIDE VIEW

SOFT BALSA BLOCK

3/32 SQ. 'BLOCKING' ON BOTH  
FACES OF FIREWALL

CONTROL  
LINE GUIDE  
.040 DIAM.

3/16 DOWEL

O.K. .049, .074 K-B INFANT, TORP JR.

1/16 PLYWOOD FIREWALL

K.&B. INSTALL.,  
REMOVABLE TOP

5/16 SOFT  
BALSA

FREE FLIGHT  
STAB. OUTLINE  
1/16 X 3/16 PINE

NOSE  
BLOCK  
ASSEMBLY

(CONTROL  
LINE)

FILLET

BIND WITH WIRE  
AND SOLDER

SOLDER  
EYELET

BIND TO BOTTOM  
CROSSPIECE

TANK

1 1/4 DIAM.  
SPINNER

.050 DIAM.  
PUSH ROD

O.K. .049, .074  
(CONTROL LINE)

3/32 SQ. 'BLOCKING'

FABRIC  
HINGES

1/16 SHEET

N-X-211  
RYAN  
N.Y.P.

TAIL SKID  
.040 DIAM.

CELL'D WASHER

FRONT STRUT  
1/16 DIAM. (GAS)  
.050 DIAM. (RUB'R)

REAR STRUT  
.050 DIAM.

F-1, 1/16 SHEET,  
2 REQ.

F-2  
1/8 SHEET, 2 RQ.

ALL STRUTS  
SHOWN TRUE LENGTH

DUMMY  
CYLINDERS

PITOT

W-1

CELL'D  
WASHER

F-2

WIND WHEEL

HORN  
.032 ALUM.

TAIL SKID  
.040 DIAM.

CELL'D WASHER

1/16 SQ. HARD  
STRINGERS

3/32 SQ. HARD  
LONGERONS

3/16 DOWEL  
1/8 SHEET

WEDGE

K-B INFANT, TORP JR.  
(FREE FLIGHT)

5/16 SHEET  
NOSE

4-40 MACH. SCREW  
ADJUST NUTS TO PERMIT  
BELLCRANK TO OPERATE  
FREELY. LOCK WITH  
EXTRA NUT

1/8 SHEET BOTTOM,  
SHAPE TO NOSE SECTION

MODEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
FULL SCALE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

**RYAN N.Y.P. "SPIRIT OF ST. LOUIS"**  
 FLOWN BY CHARLES A. LINDBERGH ~ FIRST NON STOP NEW YORK TO PARIS,  
 FIRST SOLO FLIGHT ACROSS ATLANTIC ~ MAY 20, 21, 1927. 3600 MI., 33 1/2 H.  
 SPAN 46' TOP SPEED 129 M.P.H. ENGINE 225 H.P. WRIGHT #TRUCK

