

6" SCALF FOR
REFERENCES

1/2 X 4 X 18' PLY

1/2 X 4 X 18' PLY

1/2 X 4 X 18' PLY

1/16" x 4" x 16"

FS39-8

2

3

24

28

1/16" x 3" x 16" FS39-10,

2 Req.

27

21

21

27

1/16" x 3" x 16" FS39-10,

2 Req.

28

24

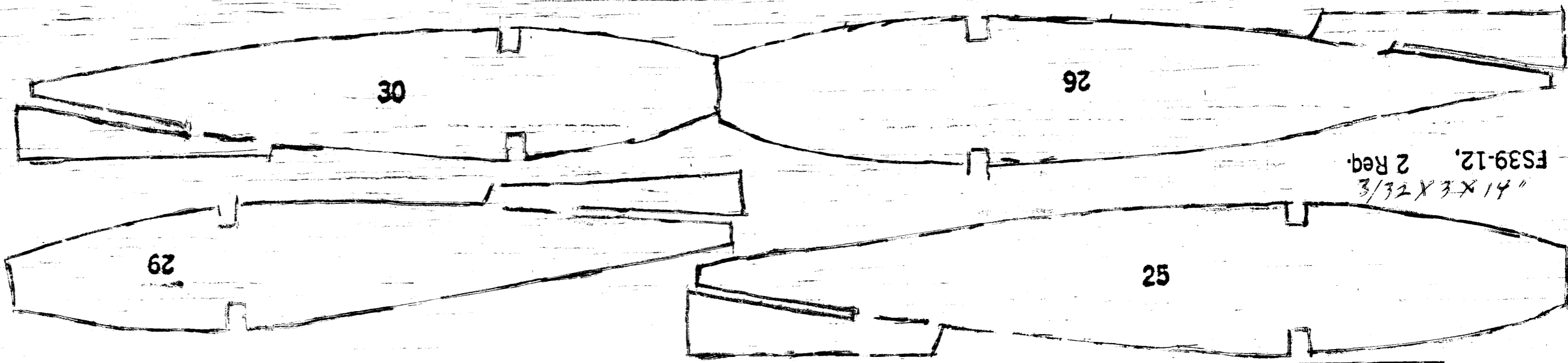
25

29

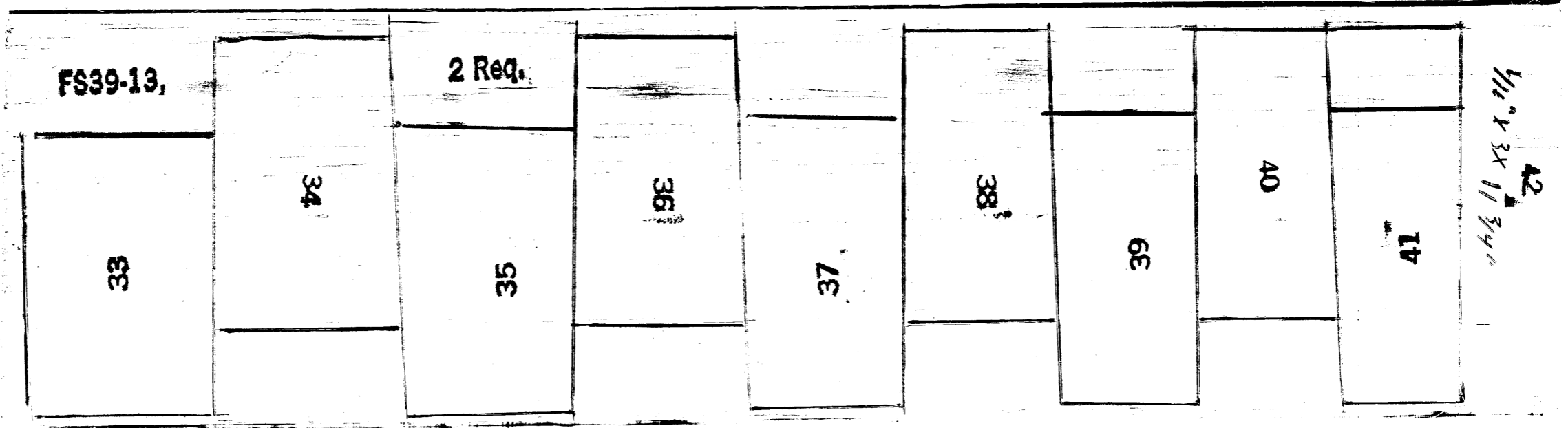
1/16" x 3" x 16" FS39-12, 2 Req.

26

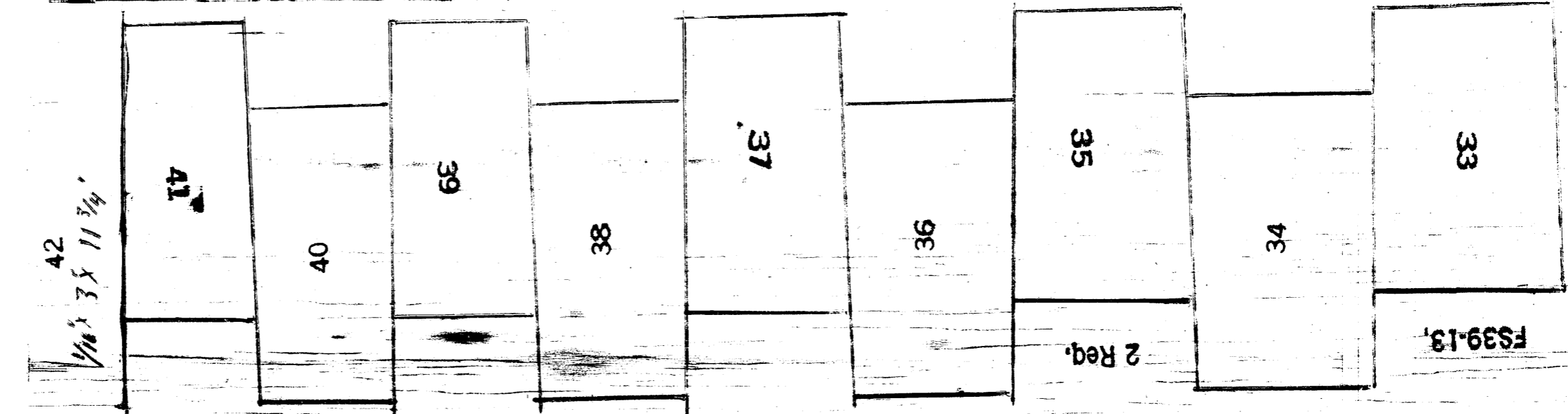
30



FS39-12, 2 Req.
 41 X 3 X 14
 3/32 X 3/4



42
 1/16 X 3 X 11 3/4



FS39-13, 2 Req.

42
 1/16 X 3 X 11 3/4

10x, 11x, 12x

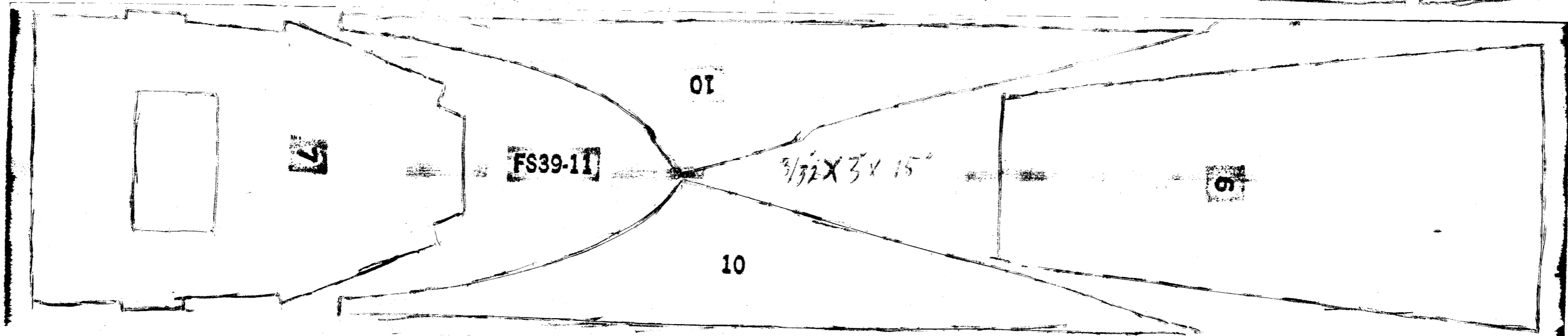
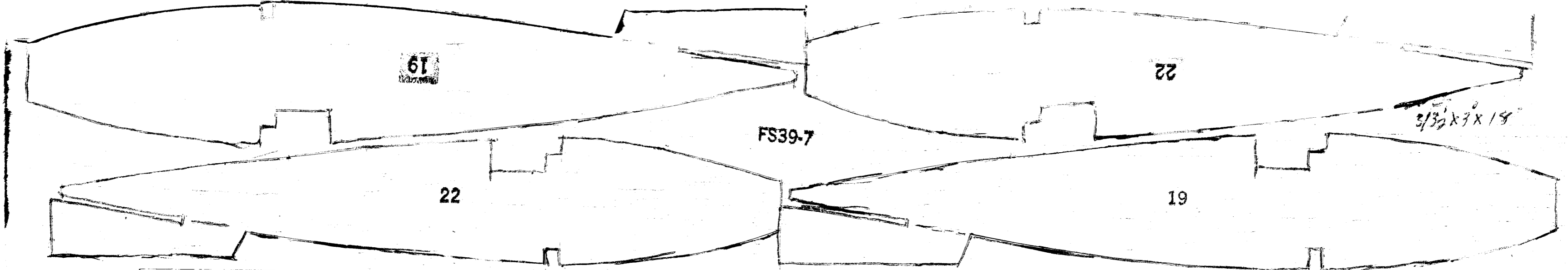
2 Req.

FS39-1.

10x, 11x, 12x

2 Req.

FS39-1.

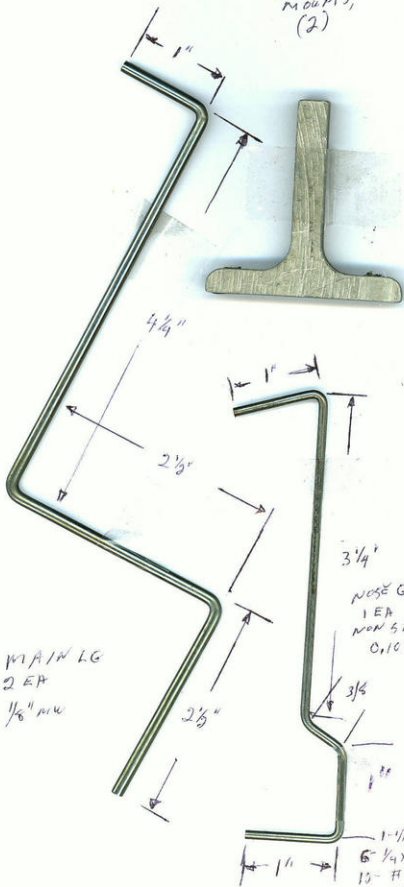


STERLING FS 39 OLYMPIC CHALLENGER

UNSCANNED PARTS

MACHINED
ENGINE
MOUNTS,
(2)

- 6- $\frac{1}{16}$ " \times 3" \times 24" Balsa
- 2- $\frac{1}{8}$ " \times 3" \times 18" Balsa
- 1- $\frac{3}{32}$ " \times 2" \times 24" Balsa
- 1- $\frac{3}{16}$ " \times 2" \times 23" Balsa
- 1- $\frac{3}{16}$ " \times 3" \times 18" Balsa
- 1- $\frac{1}{4}$ " \times 3" \times 18" Balsa
- 1- 1/4" \times 3" \times 24" Balsa
- 1- 1/4" \times 3" \times 24" Balsa
- 2- 1/8" SQ \times 24" Balsa
- 2- 5/8" \times 5/16" \times 12" Balsa, DOUBLE TAPERED TO GIVE 1/8" AND ONE 5/16" FACE
- 2- 1/4" SQ \times 12" Balsa
- 1- 3/32" \times 3" \times 5 3/8" Balsa
- 1- 3/8" \times 2 1/16" \times 6" VERY HARD Balsa
- 1- 1/4" DIA \times 7" DOWEL
- 2- 3/8" \times 5/8" \times 5" LG BLOCKS, 1/8" SLOT
- 1- 0.021" \times 4 7/16" \times 6 1/8" CLEAR PLASTIC
- 1- 7 3/8" \times 18" CLOTH TAPE
- 1- 1/2" \times 10" CLOTH TAPE
- 3- 1/2" \times 7" "LIVING" HINGE MATERIAL
- 5- 2-56 THREADED CONTROL ROD
- 3- 0.072" \times 14" MW
- 2- BUSHED ALUMINUM TUBES
- 2- NYLON BOLTS, (10-32) \times 1"
- 2- 3/4" \times 5/8" \times 7/8" MAPLE WING MANG BLOCKS, DRILLED AND TAPPED FOR BOLTS
- 1- 1/16" \times 9" MW
- 4- 4-40 \times 1" BOLTS
- 6- 1/4" \times 3/4" MITC TABS
- 4- 4-40 TEE NUTS
- 13- FID MACH SLABS
- 2- 5/8" \times 7" \times 7/8" MAPLE LG. BLOCKS
- 2- 1" NYLON CONTROL TUBES
- 5- PLASTIC COUSERS
- 1- 1/4" \times 5/16" \times 2" SPRUCE
- 5- LOCK WASHERS



MAIN LG
2 EP
1/8" MW

NOSE GEAR
1 EA
NON STEERABLE
0.10"