W-6

W-7 1/8" SHT.

1/8" SHEET NOSE SIDES

1/32" PLY. DOUBLER

W-3

W-1 1/8" SHT.

W-5A

3/32" SHEET SIDES

F-5 PLY. 5 REQ'D.

CANOPY

F-2

1/16" SHT.

CANARD

"GOLDBERG" NB-532

5/32" NOSE WHEEL STRUT

W-2

W-4

W-5

F-3A 1/8" SHT.

F-4 1/8" PLY.

F-5

1/16" SHT.

4-40 "T" NUT

F-6

NOTCH TOP SPAR HALF WAY THRU TO BEND

1/8" SQ.

1/16" SHT.

1/4" X 3/4" HRD. WD.

3/16" X 3/8" SPARS

1/8" DIA. WIRE

F-2 1/8" PLY.

F-1

1/8" SHT.

1/4"

1/4" SHT.

F-6 PLY. 3 REQ'D.

F-3 PLY.

F-1 1/8" SHT.

CUT DOWN 9" CANOPY

1/16" SHEET

SOFT BLOCK

WIRE & TUBE LATCH

3/8" X 1" FAIRING

1/8" X 1/4"

1/2" BLOCK

F-1 BATTERY

F-2 RECEIVER

F-3 F-3A F-4 F-5

1/32" SHT.

POSITION FAN AS SHOWN IN SIDE VIEW

FOAM FAIRING SEPERATE HERE!!

F-6 F-6 F-6

W-1

SET INTO FAIRING

1/64" PLY. TAIL PIPE

1/64" PLY.

3/32" SHT.

2" X 2" X 4" BALSA BLOCK

1/4" SHEET

1/4" X 2" TAPERED

1 3/4" DIA.

1/8" SHT.

BALANCE

2" DIA.

SAMPLE OF PLAN BEFORE RESTORATION

1

2

3

4

1/16" SHT.

W-7

W-6

1/4" X 2" TAPERED

1/16" SHT. ON BOTTOM ONLY

W-5A

1/4" SQ.

W-5

W-4

W-3

W-2

1/8" WIRE JOINER

4-40 SCREWS & "T" NUTS

1/16" SHEET

W-1

1/64" PLY.

3/16" X 3/8" HRD. WD.

RK-20 DUCTED FAN WITH .21-25 ENG.

MOVE FAN 2 1/4" FORWARD

1/64" PLY. TAIL PIPE

5/8" UP 3/8" DN.

1/4" SHEET

1/4" X 3/4" HRD. WD.

1/16" SHT TOP & BOTTOM

W-2

3/16" X 3/8"

1/16" X 1/4"

W-3

1/8" SQ.

1/16" X 1 1/2" T.E. TOP & BOT.

W-4

1/4" SHEET

FLEXIBLE "GOLD-N-ROD"

3/16" SQ.

W-5

W-5A

1/4" SQ.

W-6

3/8" UP 1/4" DWN.

W-7

SAAB 37 VIGGEN

SEMI-SCALE DUCTED FAN FIGHTER

WING SPAN – 32"
LENGTH – 38"
WING AREA – 400 SQ. IN.
WEIGHT – 4 LBS.

DESIGNED & DRAWN BY – NICK ZIROLI