

1 DOUBLER

1/70
1/165

AIRCRAFT DEPICTED, IMP.
NAVY AIR FORCE, BASED UP,
DEC. 7, 1941, PEARL HARBOR 1
OVERALL-SKY GREY
COWL/NOSE - MATT BLACK
HINGE/RODS, TAIL RODS - RED
FUSE & WHEEL COVER STRIPE:
METAL INSIDES - BLUISH ALUM
OTHER-AS SHOWN

OR HIRYU,

LT BLUE

SUGGESTED MINIMUM
ENLARGEMENT FOR
FLYING MODEL

3/16 SH RIB - MATE TO
FUSELAGE PROFILES

2 LAM'S 1/32x1/16

1/32 SH RIBS

PANEL LINES

METAL STAB

1/16 SH SPAR

FABRIC COVERED ELEVATOR

TAB ROD & HORN

METAL TAB

TAIL CONE

TYPICAL SECTION TRAILPLANES
BUILD "TOP" PORTION FLAT ON BOARD,
REMOVE, ADD "BOTTOM" MEMBERS,
CAREFULLY SHAPE TO SYMMETRICAL
AIRFOILS

PITOT ON
RT. WING

600g (131#) BOMB

DIVE BRAKE

FULL EXTENSION

HINGE/SUPPORT
BRACKET

BLACK

SUGGEST BUILDING WING IN "TOP & BOTTOM"
SECTIONS, SIMILAR TO TAIL PLANE SECTION,
CUT RIBS ALONG CUT LINE, BUILD, REMOVE,
ADD BOTTOM PORTIONS, SHEET, SHAPE TO
FINAL PROFILES...

"CUT LINE"

LEADING EDGE 1/16x3/16 TAPER TO
3/32 HIGH @ 9"

1/8"

DOUBLER ON L.E. TO
SUPPORT SHEETING
& TIP/T.E. 1/8x3/32

1/32 SHEETING
TOP & BOTTOM

1/16" TOP & BOTT

1/16 SH REAR SPAR

TIP/TRAILING EDGE, 3
LAM'S 1/16x3/32

INFO SHOWN APPLIES TO
BOTH LEFT & RT PANELS AS
IF SHOWN ON BOTH SIDES

REAR SPAR 1/16 SHEET

8 1/2" BOTT CHORD
DIHEDRAL

NOTE: REF #1 & #2 SHOW THE DIVE BRAKES
IN THE CANTED POSITION
#3 IN THE STRAIGHT POSITION

PITOT RT WING REF #2
LEFT WING REF #3
I TEND TO LEFT WING LOCATION
BECAUSE: 1- OTHER A/C USUALLY
2- PHOTOS ON LEFT WING

1/32 SHEETING

NAV LIGHT

1/8" WASH OUT

FLYING SCALE INC
1905 COLONY RD.
METAIRIE, LA. 70003
AICHI D3AI NAVY TYPE 99 "VAL"
SCALE- 3/4" = 1'-0"

PLAN A-5
SH 2 OF 2

REFERENCES:
1- JAPANESE AIRCRAFT OF THE PACIFIC WAR,
RENÉ J. FRANCILLON, USNI PRESS
2- KOFU FAN, 1/50TH SCALE
3- AIRCRAFT PROFILE 241, RICHARDS & SMITH,
PENFOLD PUB. LTD., COBURG HOUSE, SHEPHERD WINDMILL ROAD

