

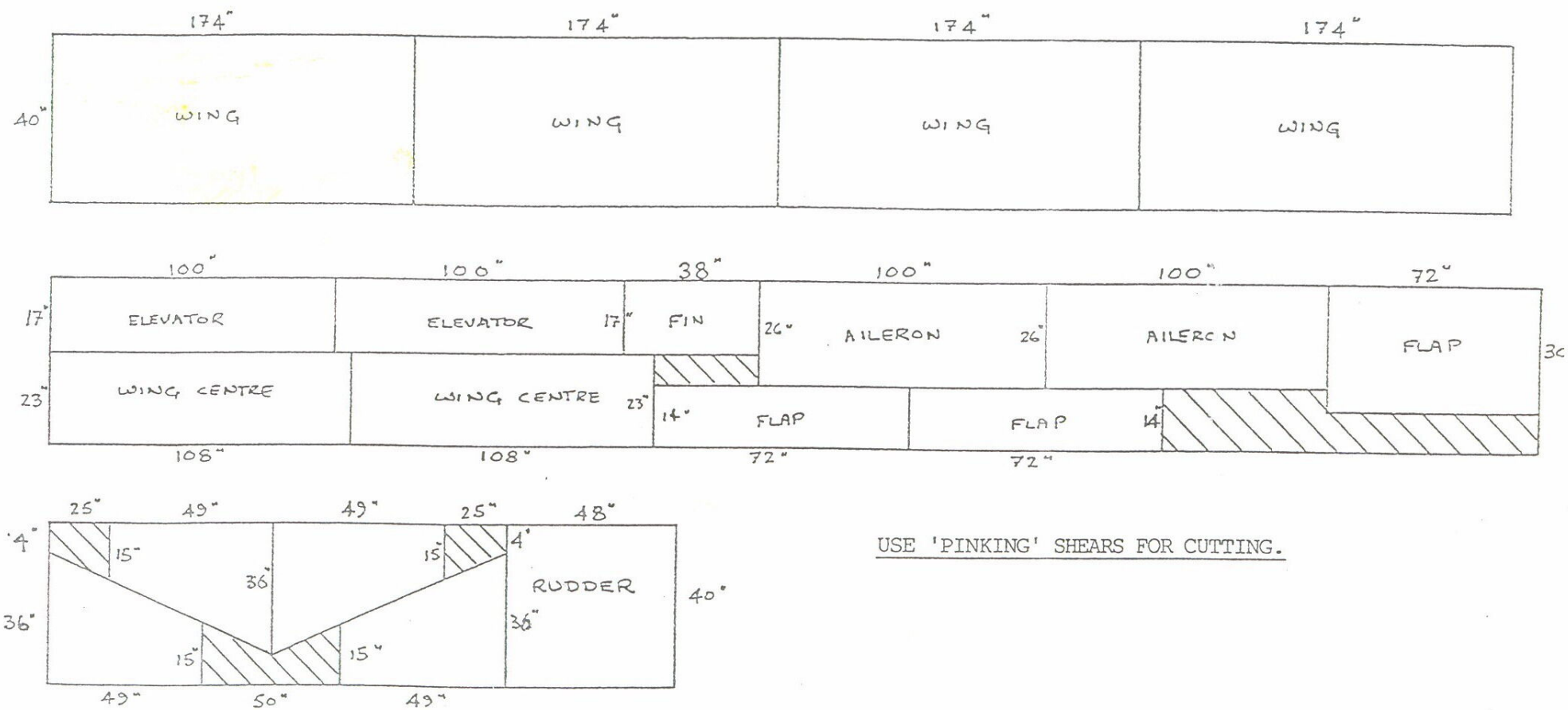
SHADOW D - SERIES



CONSTRUCTION MANUAL
FABRIC COVERING
SERIES D-D

FIGURE 31

COVERING MATERIAL CUT OUT PATTERN



USE 'PINKING' SHEARS FOR CUTTING.

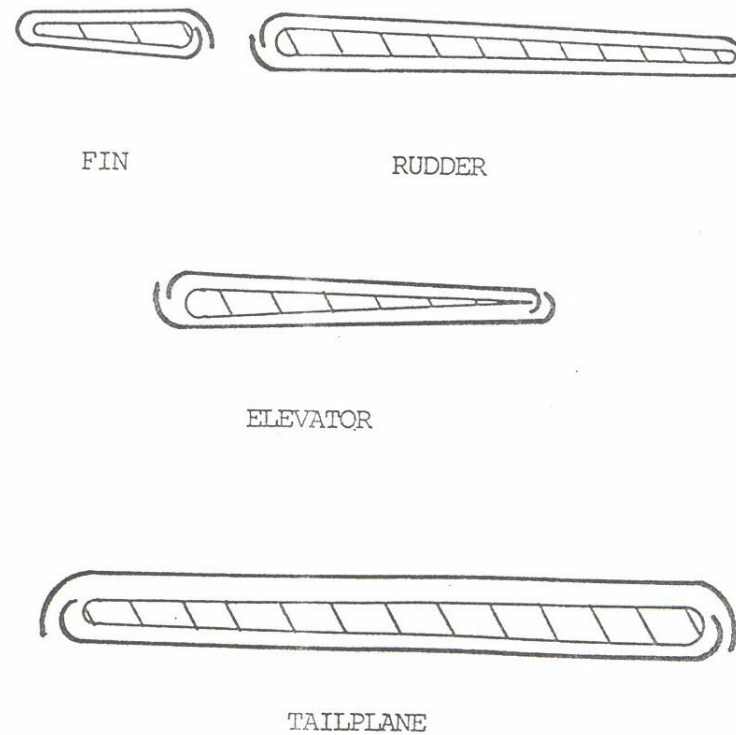
FIGURE 32

COVERING - TAILPLANE COMPONENTS

RUDDER: A small patch will be needed at one side of the rudder for the passing through of the Bracket Fin Support, T168. This is to be fixed after the main part has been covered.

ELEVATOR: When ready to place fabric on surface, cut a slit with pinking shears to allow the horn to protrude through.

TAILPLANE: As per diagram.

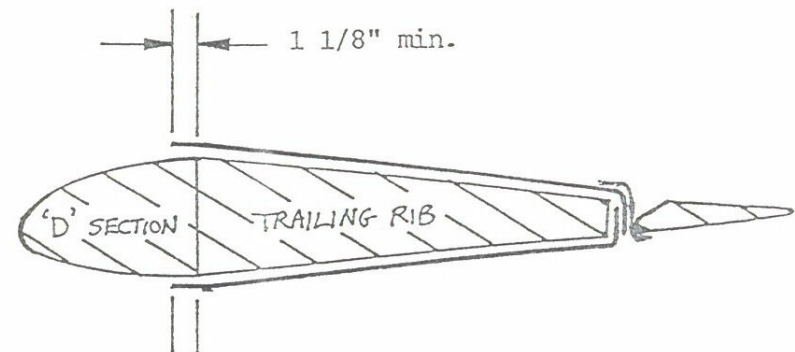


COVERING - OUTER WING COMPONENTS

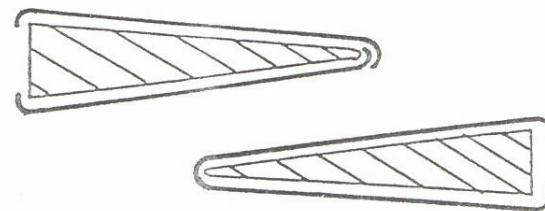
WINGS: Mask off leading edge to a depth of 1 1/8".
Rub down polished paintwork with grit paper.
Smooth any rough edges with grit paper.
Remove dust and degrease.
Make sure aileron push/pull tube is marked
for neutral position and the aileron bracket
for bellcrank has its edges covered with a
thin strip of fabric to protect the covering.
Follow PROCESS SHEET No.2, and start fabric
at prepared leading edge.
Cut a slit for aileron push/pull tubes to pass
through.

FLAPS: A retaining strap of fabric (2" wide) is glued
onto the flap leading edge to the rear spar.
This strap is to prevent strain on the flap's
hinge when derigged and should allow the flap
to drop to about 40 degrees.

AILERONS: A slit must be cut in the fabric for the
aileron horn to pass through.
Aileron GAP covers must be fitted from
bottom of Aileron LE Spar to the top
surface of the rear spar. These must be
tight when the Aileron is in the UP position.
N.B. GAP covers must not restrict aileron
movement.



FLAP



AILERON

