



Date: 3/99

Revision:

Approved: BOD

POLEN SPECIAL II

SPECIFICATION	MODEL MINIMUM
WING	
SPAN	85-15/32"
AREA	1250 SQ. IN.
ROOT CHORD @ C/L OF FUSELAGE	21"
TIP CHORD	9-15/32"
ROOT THICKNESS	2-17/32"
TIP THICKNESS	1-7/32"
CHORD/THICKNESS @ WING SPAN STA 26-9/16" (INBOARD)	13-3/4" / 1-21/32"
CHORD/THICKNESS @ WING SPAN STA 26-9/16" (OUTBOARD)	13-5/32" / 1-21/32"
STAB	
SPAN	26-5/16"
ROOT CHORD	10-3/4"
TIP CHORD	6-1/4"
ROOT THICKNESS	1"
TIP THICKNESS	5/8"
SPINNER	
DIAMETER	4-1/4"
FUSELAGE	
LENGTH (INCLUDING SPINNER)	76-13/32"
WIDTH @ FIREWALL, 10" FROM SPINNER BACKPLATE	11-17/32"
WIDTH @ WING LEADING EDGE	11-17/32"
WIDTH @ WING TRAILING EDGE	8-5/8"
HEIGHT (TOP OF CANOPY TO BOTTOM OF FUSELAGE)	12-25/32"
RUDDER TOP TO FUSELAGE BOTTOM	16-1/8"
MISCELLANEOUS	
WING T.E. IS UNDERCUT 9/16" FROM WING SPAN STA 26-9/16" OUT TO TIP	
ASPECT RATIO	5.57
SCALE FACTOR	32.6%