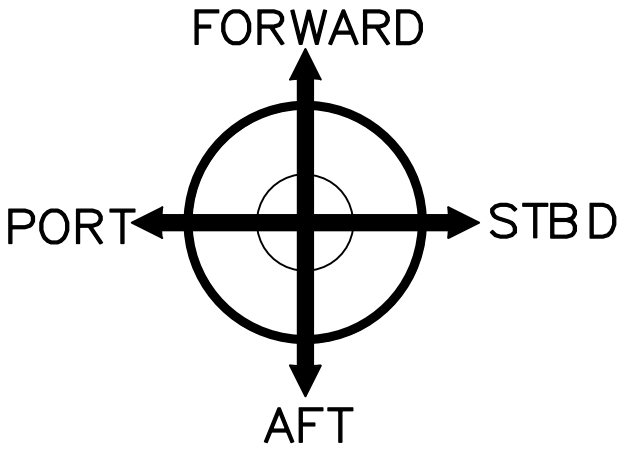


DOCUMENT REVISION HISTORY			
REV.	DATE	DESCRIPTION	AUTHORIZATION
0	11/22/25	DOCUMENT CREATION	CHRIS DILLOW

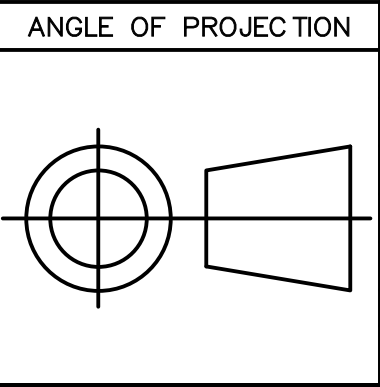
VALUES		
VAR.	NAME	VALUE
C_r	Root Chord	276.199095 mm
C_t	Tip Chord	82.8597285 mm
b	Wingspan	900.0 mm
Λ_c/4	Qtr-Chord Sweep Angle	-10.0 deg.
S	Wing Area	161.5764706 mm^2
c-bar	Mean Aerodynamic Chord	196.8803805 mm
λ	Taper Ratio	0.3



WING PLANFORM

NOTES	
N1	Preliminary planform sketch for aerodynamic sizing and stability calculations.
N2	Dimensions shown are current working values and are not yet released for manufacture.
N3	Airfoil selection, washout, twist, and control surface geometry to be defined in later stages.
N4	Forward sweep shown at $\Lambda_{c/4} = -10^\circ$ based on baseline aerodynamic targets.
N5	Planform based on $\lambda = 0.3$ taper ratio and wingspan of 900 mm.
N6	All dimensions in millimeters unless otherwise noted.
N7	

TOLERANCE TABLE		
USC	SI	ANGLE
X.X=±1/16"	X=±0.5mm	X=±1.0°
X.XX=±.015"	X.X=±0.1mm	X.X=±0.5°
X.XXX=±.003"	X.XX=±0.05mm	X.XX=±0.1°
X.XXXX=±.001"		
X.XXXXX=±.0005"		



DOCUMENT PREPARATION	
ENGINEER	CHRIS DILLOW
DRAFTER	CHRIS DILLOW
CHECKER	
APPROVAL	
PM	N/A
PROJECT	ASSEMBLY
TROPOCHIEF	WING/AIRFOIL



BASELINE WING GEOMETRY				SHEET: B	
				SIZE: B	
PART NUMBER	MATERIAL	MASS	UNIT	SCALE	
N/A	N/A	N/A	MM	1:5	