Name	Value / Equation	Evaluates to	Comments
☐ Global Variables			
"Root Chord W"	= 2 * "S_ref" / ("Span W" * (1 + "Taper Ratio W"))	22.666893	Scaling variable
"Tip Chord W"	= "Root Chord W" * "Taper Ratio W"	7.933413	Scaling variable
"Swept Angle W"	= 30	30.000000	Input
"Span W"	= sqr ( "S_ref" * "AR W" )	122.401224	
"AR W"	= 8	8.000000	Input
"S_ref"	= 1872.75746643	1872.757466	Input
"Taper Ratio W"	= 0.35	0.350000	Input
*MAC W*	= (2/3) * "Root Chord W" * (1 + "Taper Ratio W" - ("Taper Ratio W" / (1 + "Taper Ratio W")))	16.482469	**
"Y W"	= ("Span W" / 6) * ((1 + 2 * "Taper Ratio W") / (1 + "Taper Ratio W"))	25.689146	
"V H"	= 0.34144516	0.341445	Input
*V V*	= 0.07109747887	0.071097	Input
"Swept Angle H"	= "Swept Angle W" + 5	35.000000	
"AR H"	= 4	4.000000	Figure 6-17
"Taper Ratio H"	= 0.35	0.350000	Figure 6-17
"I H"	= 0.5 * "Span W" * 0.4	24.480245ft	25 - 40%
"S H"	= "V H" * 1929.586775 * 17.885852 / "I H"	481.370143ft	Equation 6-3
"Swept Angle V"	= "Swept Angle H"	35.000000ft	***
*AR V*	= 1.6	1.600000	
"Taper Ratio V"	= 0.55	0.550000	
*IV*	= 'T H'	24.480245ft	
*S V*	= "V V" * 1929.586775 * 17.885852 / "I V"	100.233385ft	