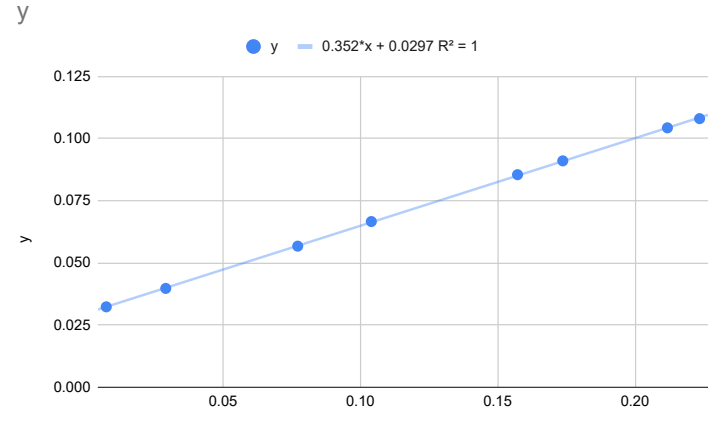


x	y
0.007444432	0.032348561
0.077161287	0.056752858
0.211800514	0.104333743
0.157221043	0.08549462
0.223520049	0.10803362
0.173690383	0.091051417
0.103973528	0.06664712
0.029107562	0.039759485



x	0.117606474	<= Actual value
y	0.071097478	

Wing	MAC	Span
S_{ref}		
1929.586775	17.885852	124.244494

V_V	0.071097478
S_V	19.74926766

$$V_H = \frac{S_H}{S} \times \frac{l_H}{c}$$

Aircraft Type	AR	λ	c_e/c	t/c
Personal/Utility	3.5-5.0	.50-1.0	.35-.45	.06-.09
Commuters	3.5-5.0	.50-.80	.35-.45	.06-.09
Regional Turboprops	3.5-5.0	.50-.80	.30-.45	.06-.09
Business Jets	3.5-5.0	.35-.50	.30-.40	.06-.09
Jet Transports	3.5-5.0	.25-.45	.30-.35	.06-.09
Military Fighter/Attack	3.0-4.0	.25-.40	.30-1.0	.03-.04

Fig. 6-17 Summary of Horizontal Tail Geometric Characteristics