



Trevor Boundy <trevor@boundy39.com>

### 7 Veco Pursuit - Tail to Wing Area Ratio

1 message

Tandy Walker <rdb435021@icloud.com>  
To: Tandy Walker <rdb435021@icloud.com>

4 August 2021 at 05:47

*This is a corrected Report No. 7. Discard first posting.....Tandy*

Report No. 7

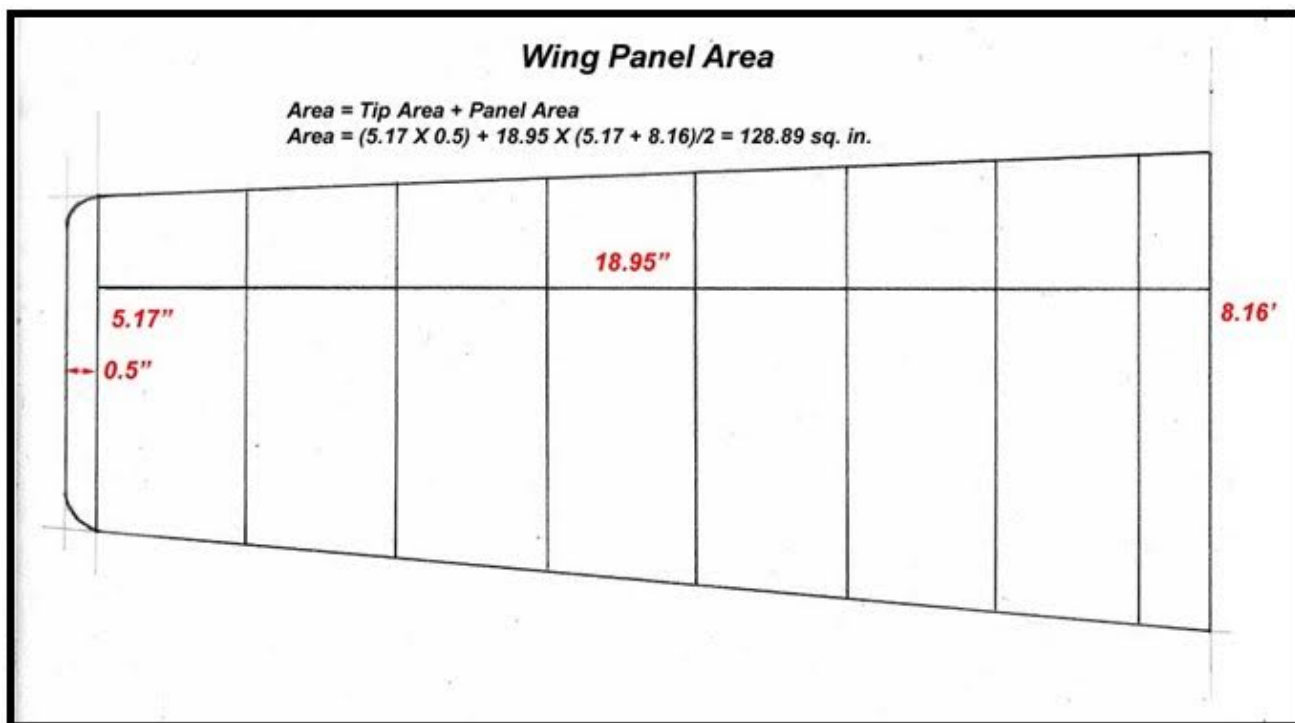
*Veco Pursuit*

*August 3, 2021*

The wing panel area was calculate as 128.89 sq. in. as shown below.

The total wing area is then  $128.89 \times 2 = 257.78$  sq. in.

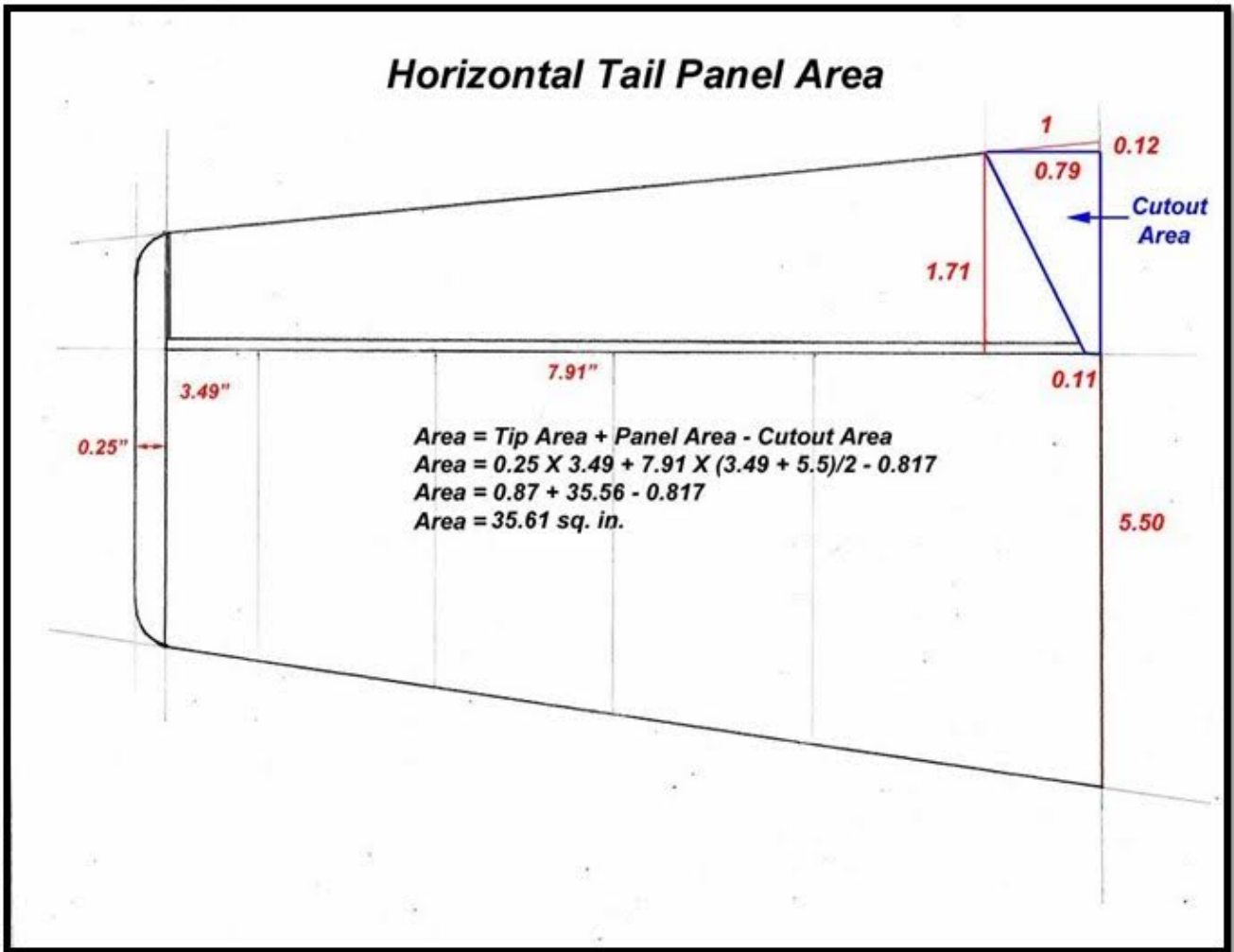
The total wing span is  $2 \times (18.95 \times .5) = 38.90$ "



The horizontal tail panel area was calculate as 35.61 sq. in. as shown below.

The total horizontal tail area is then  $35.61 \times 2 = 72.22$  sq. in.

The horizontal tail span is  $2 \times (7.91 + .25) = 16.32$ "



The tail/wing ratio is  $100 \times (72.22/257.78) = 28\%$  .....Tandy