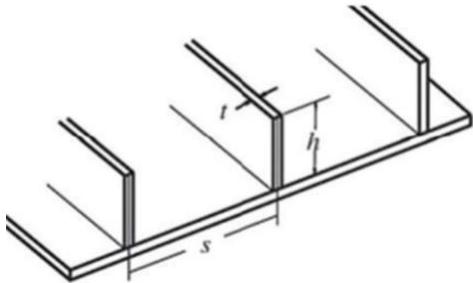


## HW 2

Riblets, if properly designed, reduce drag.

In DragRed.mat, we have data that contains  $h$ ,  $s$  and whether the combination reduces drag.



1. Visualize the data.
2. What features would you include for this classification problem. Write out your cost function. Do feature scaling.
3. Determine the model parameters using both gradient descent and fminunc, and plot your decision boundary on top of the data.