

## Boeing Flap-Related Speed Tape Entries for the Aircraft Configuration file

*Example based on Flaps 5*

TXT file entry:

```
Flppos=15  
Flpset=5  
Vmin=140  
Vmax=150  
Vext=vref40+30  
Vmax=250
```

Flppos=15

Scaled **internal** FS Flap position, completely flight model independent, where 0 is flaps UP and 40 is flaps full, whatever their respective value for the flight model and the panel/gauges etc. The real values within FS go from 0 to 16384.

Flpset=5

This is the value which will be displayed in the EICAS screen when the flppos scaled value is 15. (See image 1)

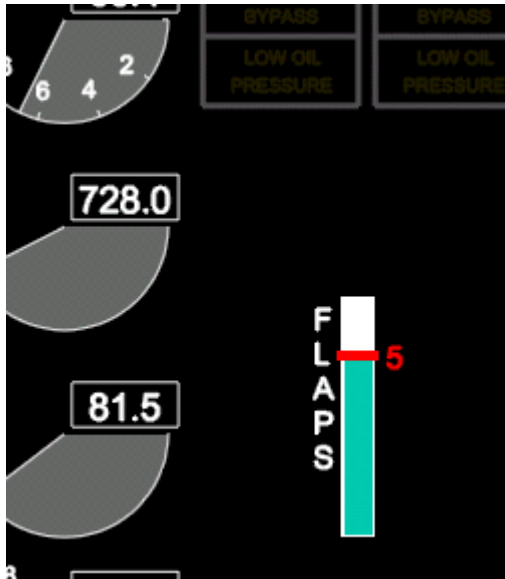


Image 1

Vmax=250

Definition of the starting point of the upper barber pole on the speed tape. See Image 2



Image 2

Vext= Flap 1 marker is defined by the vext= entry of the previous flap setting, i.e. in this case Flaps 1... where the vext is set to 170 knots. **Image 3**

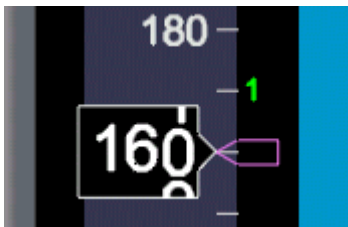


Image 3

Lower barber pole

When a Vss is defined in the TXT file, the lower barber pole is displayed as follows:

The top of the yellow line is  $V_{ss} \times 1.07$

The top of the lower barber pole is vss itself

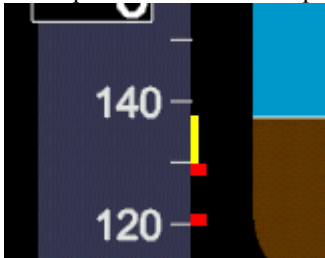


Image 4