

As of now we are using the conservative values of

AIRCRAFT OPERATING SPEEDS

| SPEED | | MARKING | KCAS |
|-----------------------------|-----|----------------|-------------|
| Never exceed speed | Vne | Red Line | 220 |
| Caution, smooth air only | | Yellow Arc | 174-220 |
| Maneuvering Speed | Va | | 170@2200 |
| Normal Operating range | Vno | Green Arc | 68-174 |
| Flap Operating range | Vfe | White Arc | 56-122 |
| 12 degrees flaps | | | 170 |
| Best Angle of climb | Vx | | 85 |
| Best Rate of climb | Vy | | 105 |
| Stall Speed clean | Vs | | 74 |
| Stall Speed landing config. | Vso | | 61 |

We have scheduled some flight test to obtain the Vne.

Note: Stall speed MUST be determined for each plane separately.