

Speed each **120km/h** **160km/h** **200km/h**
Closure Rate / s **67m** **89m** **111m**

**Reading distance 30cm
when printed on A4**

Distance 20km ⇒ 300s / 225s / 180s

Distance 10km ⇒ 150s / 113s / 90s

Distance 5km ⇒ 75s / 56s / 45s

Distance 4km ⇒ 60s / 45s / 36s
 fuselageØ = max. resolution of a healthy young eye
 Distance 3km ⇒ 45s / 34s / 27s

Distance 2km ⇒ 30s / 23s / 18s

Distance 1.5km ⇒ 23s / 17s / 14s

Distance 1km ⇒ 15s / 11s / 9s

Distance 900m ⇒ 14s / 10s / 8s

Distance 800m ⇒ 12s / 9s / 7s

Distance 700m ⇒ 11s / 8s / 6s

Distance 600m ⇒ 9s / 7s / 5s
 wingspan = width of a thumb at arms length

Distance 500m ⇒ 8s / 6s / 5s

Distance 400m ⇒ 6s / 5s / 4s

Distance 300m ⇒ 4.5s / 3.4s / 2.7s
 fuselageØ = mosquito on cockpit, or woolen thread
 Distance 200m ⇒ 3s / 2.3s / 1.8s

Distance 100m ⇒ 1.5s / 1.1s / 0.9s

Distance 50m ⇒ 0.75s / 0.56s / 0.45s

Distance 20m ⇒ 0.3s / 0.23s / 0.18s

Distance 10m = 0.15s / 0.11s / 0.09s

Wingspan: 15m

In reality, less contrast
and
TAS >> IAS



57mm Vario in 60cm distance



80mm Speed
in 60cm distance

