

# Ex 7(2): Climbing (Part Two)

Aim: To Climb at Various Speeds and with Flap

T & EM:

Airex:

## Climb at 63 kt

Best Angle of Climb (Vx)

Power - Full

Attitude – 63 kt

Trim

Note: RoC = 650 fpm

Note: Poor fwd view

Poor engine cooling

## Climb at 87 kt

Cruise Climb

Power - Full

Attitude – 87 kt

Trim

Note: RoC = 500 fpm

Note: Good fwd view

Good engine cooling

## Climb with Flap

The Go-around

Power - Full

Attitude – 79 kt

Trim

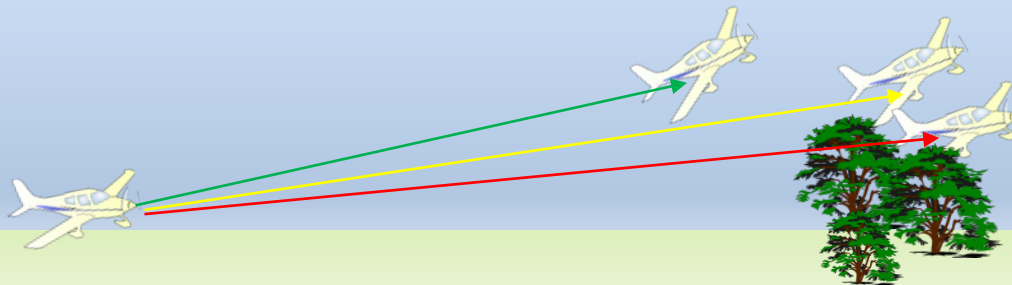
Flap 40° (RoC = 100 fpm)

Flap 25° (RoC = 500 fpm)

Flap 10° (RoC = 600 fpm)

Flap 0° (RoC = 650 fpm)

Go-around: raise to 25° as soon as possible then remaining flap when +roc, stable speed and height +300 ft agl



Use for Obstacle Avoidance

Use for En-route Climbs

