

Mc202

ATA - RPM engine

1.29 - 2200: 5,8 L/min

1.29 - 2400: 6,25 L/min

1.4 - 2400: 5 minutes

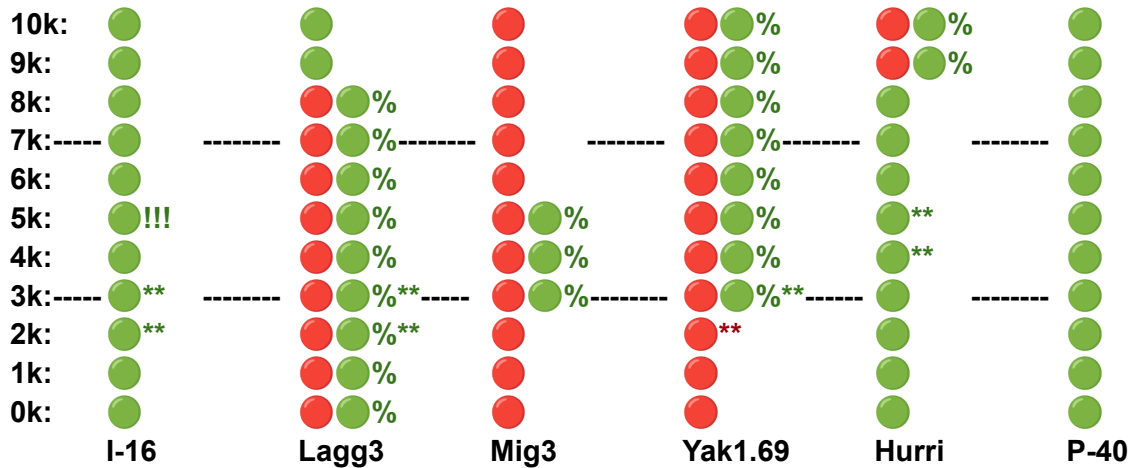
Boosted: 1 minute

ENGINE MANAGEMENT

Water OUT: 94° (max 100°) Best: 0%

Oil OUT: 90°/100° (max 110°) Best: 0%

200 liters: 34 min - 32 min



*: supercharge

!: alt. incr. advantage

=: engine 100%

/: +3min/-1min

Speed

Take-off: **160/190** (Trim neutro)

Landing: **140/150** (Trim neutro)

Emerg. glideslope: **230**

Climb: **270**

Corner: **260** (20,3s)

Dive: **850**

EMERGENCY checklist:

- Low pitch
- Radiators: 0% Water e 0% Oil
- Emerg. glideslope: **230**
- 10km every 1k meters

Checklist SGANCIO:

- Trim: nose up
- Single drop

Checklist Take-off:

- Water and Oil radiators open
- Trim: neutral
- Tail wheel: locked
- Brakes on + RPM: **1600**
- Release brakes + ATA: **1.35**
- Tail up: **100**
- Rotate: **160/190**

Checklist Landing:

- Water and Oil radiators open
- Trim: neutral
- Tail wheel: locked
- Final: **190/200**
- Touchdown: **140/150**



Me262

ENGINE RPM

Continuous: 8400 - 15,5 L/min x mot.

Emergency: 15 minutes - 21 L/min x mot.

Slow movement below 6000 RPM

Above 4k: 6.000 - 8.000 RPM

Best performance:

Speed: **6k** (4,5k - 6,5k)

Climb: **5,5k** (5k - 6k)

Speed

Take-off: **200/220** (Trim +1,5)

Landing: **165/185** (Trim +1,5)

Emerg. glideslope: **250**

15km every 1k meters

Checklist RIAVVIO engine:

- 300 Km/h below 4K
- Switch off the engine
- Throttle **IDLE**
- Select Eng 1 -> Ignition 1
- Engine noise -> Throttle to 15%
- Throttle **IDLE**
- Select Eng 2 and repeat

Checklist Take-off:

- REVI off (RAIt+F)
- Trim: + 1,5
- Brakes on + RPM: **6500**
- Release brakes + ATA: **MAX**
- Flaps: red mark
- Rotate: **200/220**

ENGINE START

- 1000 RPM -> Hold Ignition pressed

- 2000 RPM -> Slowly to 3000 RPM

600L: **38 min** - 28 min

Fuel: 250 Litri - **16 min** - 12 min

Worst performance:

Climb: **4,5k** (4k - 5k)

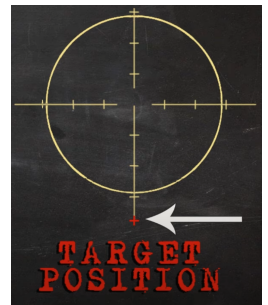
Climb: **400**

Corner: **455** (32s)

Dive: **1000**

Drop bombs checklist:

- Drop altitude: **500m**
- Speed: above **500km/h**
- Trim: nose up
- Single drop



Checklist Landing:

- REVI off (RAIt+F)
- Trim: - + 1,5
- Final: **250**
- Touchdown: **165/185**



Arado 234

ENGINE RPM

Continuous: 8400 - 15,5 L/min x mot.

Emergency: 15 minutes - 21 L/min x mot.

Slow movement below 6000 RPM

Above 4k: 6.000 - 8.000 RPM

Best performance:

Speed: 6k (4,5k - 6,5k)

Climb: 5,5k (5k - 6k)

Speed

Take-off: 178/262 (Trim neutrale)

Landing: 155/210 (Trim neutrale)

Emerg. glideslope: 250

15km every 1k meters

Checklist RIAVVIO engine:

- 300 Km/h below 4K
- Switch off the engine
- Throttle IDLE
- Select Eng 1 -> Ignition 1
- Engine noise -> Throttle to 15%
- Throttle IDLE
- Select Eng 2 and repeat

Checklist Take-off:

- Trim: neutral
- Canopy: closed
- Brakes on + RPM: 6500
- Release brakes + RPM: MAX
- Take-off rockets: hold (R)
- Flaps: Take-off
- Rotate: 178/262
- Drop take-off rockets (LShift+D)

ENGINE START

- 1000 RPM -> Hold Ignition pressed

- 2000 RPM -> Slowly to 3000 RPM

600L: 38 min - 28 min

Fuel: 250 Litri - 16 min - 12 min

Worst performance:

Climb: 4,5k (4k - 5k)

Climb: 400

Corner: 400 (27s)

Dive: 850

Stuvi & Autopilot:

- Stuvi (LShift+V)
- Target alt. (RShift + . / +ò)
- Wind (RAlt + . / +ò)
- RAlt+A (Autopilot)
- RAlt+R/P/Y (Activate Roll, Pitch e Yaw)
- RAlt+arrows (Autopilot management)

Conversion m/s -> Km/h

1 m/s -> 3,6 km/h

3 m/s -> 10,8 km/h

5 m/s -> 18 km/h

10 m/s -> 36 km/h

Checklist Landing:

- Trim: - neutral
- Final: 270
- Touchdown: 155/210
- Parachute

