



Taxi

| | |
|---------------|--------------------------------|
| Taxi Area | free |
| Taxi Light | on |
| Power | ca. 1000 RPM (Bremsen schonen) |
| Parking brake | released |

Taxi Check

| | |
|----------------------------|--|
| Brakes | checked (kurz nach dem Anrollen) |
| Steering | checked |
| Attitude Indicator | erected & stable |
| Directional Gyro / Compass | indicating left/right turn (increasing/decreasing) |
| Turn Coordinator | indicating left/right turn |
| Slip Indicator | left/right deflection |

Stop

| | |
|---------------|----------|
| Power | 1000 RPM |
| Parking Brake | set |
| Taxi Light | off |

Line up

| | |
|-------------------------|-------------------------------|
| Approach sector, runway | free |
| Lights | on |
| Wind | checked |
| Runway | identified (richtige Piste ?) |
| Runway- / Gyro-heading | compared |
| Transponder | set 7000 or according ATC |

Start

| | |
|---------------------|---|
| Brakes / Full power | RPM checked |
| Brakes release | Bremsen ganz los lassen ! |
| Speed rising | rising, 30, 40 Kts, ... checked (ready sein für einen Startabbruch) |

Climb out

| | |
|----------|---|
| Attitude | positive ROC, speed > V _x (60 Kts) |
| Flaps | up (when clear of obstacles) |

When reaching safety altitude (300 ft AAL)

| | |
|---------------|---------------------------------------|
| Speed | accelerate to v _y (76 Kts) |
| Landing light | as desired |

Cruise climb above 2000 ft (AGL)

| | |
|-------|--------|
| Speed | 90 Kts |
|-------|--------|



Climb



Mixer
Power
Attitude
Trim

rich / unter 75% Leistung (~ > 5000 ft)= 2 cm oder 125°F rich of peak
full
gleichzeitig mit dem Power setzen die Steigfluglage einnehmen

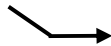
Descend



Mixer
Attitude
Power
Trim

je nach Flughöhe, den Mixer kontinuierlich reicher einstellen
Sinkfluglage (nose down) einnehmen
ev. Leistung reduzieren

Level Off

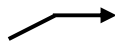


Level off einleiten
Power
Attitude
Trim
Mixer

Start ca. 10 % ROD vor der Höhe (also 50ft bei 500ft/min)
65% Reiseleistung

unter 75% Leistung (~ > 5000 ft)= 1 cm oder 50°F rich of peak

Level Off



Level off einleiten
Attitude
Power
Trim
Mixer

Start 10 % ROC vor der Höhe (also 50ft bei 500ft/min)

Reduktion auf 65% Reiseleistung wenn ca. 95 Kts (RPM beachten)

unter 75% Leistung (~ > 5000 ft)= 1 cm oder 50°F rich of peak

Go around

Throttle
Carburetor heater
Attitude
Flaps

full power (power nicht zu schnell setzen, ca. 2 Sekunden)
off
Rotate to positive ROC (when speed established > 60 Kts)
up (slowly retract)

Touch and Go

Throttle
Flaps
Attitude
Flaps

full power
set to 10° (Stufe 1) during ground roll
rotate and accelerate to V_x (60 Kts)
up (slowly retract)

Speed increment for landing

if wind speed or gust are >
10% of V_{final}

add 1/2 of the headwind component to V_{final}

z.B bei 10 Kts = 65 + 5 = 70 Kts