

Cockpit positions	LF - Left Fore	CL - Center Left	RF - Right Fore
	LM - Left Middle	C - Center	RM - Right Middle
	LA - Left Aft	CR - Center Right	RA - Right Aft

BEFORE START

Circuit Breakers (RF).....ON / As req.

Radiator lever (RF).....AUF / OPEN

Oxygen Valve (RF) .....OPEN

Prop. Governor switch (LF).....MANUAL (FWD)

Pitch RPM (CR) .....SET 12:00

ENGINE START

Fuel Booster Pump lever (LF).....P1+P2

Magnetos lever (CL).....M1+2

Engine (LF) .....PRIME

Throttle.....Advance to ZU / IDLE

GROUND CREW >.....RUN INERTIAL STARTER

Brakes.....APPLY

Once ground crew called « Clear! »

Starter Handle (CL).....PULL UNTIL IGNITION

POST-START

Radio (RM) .....SET & TUNED

Altimeter (CL).....SET

MW-50 / WEP (C) .....ON / As des.

Canopy .....CLOSE

ENGINE WARM-UP

Engine RPM .....SET 2000

Oil Pressure .....CHECK BETWEEN 3-9.5 kg/cm²

Wait until engine oil warms up ≥ 30° & coolant ≥ 60°

TAXI

Tailwheel (LM) .....As req.

BEFORE TAKEOFF

Artificial Horizon (C) .....LOS / UNCAGE

Elevator Trim (LM).....SET FOR TAKEOFF (1° DOWN)

Flaps (LA) .....SET 20°

TAKEOFF

Tailwheel (LM) .....LOCK

Stick.....HOLD BACK & RIGHT

Rudder .....FULL RIGHT

Throttle.....Slowly advance to 2400 RPM / 1.35 ATA

At ~100 km/h .....EASE STICK & RUDDER SLOWLY

At ~200 km/h.....ROTATE

Takeoff	Rotate	200 km/h	Landing	Downwind	350 km/h
	Climb	270 km/h		Gear / Flaps Final	350 / 250 km/h 220 km/h

AFTER TAKEOFF

≤ 350 km/h Gear & Flaps .....UP

Prop. Governor switch (LF) .....AUTO (AFT)

Radiator lever (RF).....AUTOMATIK / AUTO

Optimal climb speed .....270 km/h

CRUISE

Optimal cruise speed .....420 km/h

VISUAL APPROACH & LANDING

Altimeter (CL).....SET

Tailwheel (LM).....LOCK

Approach Altitude.....300m AGL or Pattern alt.

On Downwind

Speed .....≤ 350 km/h

Gear.....DOWN

On Base

Speed .....≤250 km/h

Flaps .....FULL

On Final

Speed .....220 km/h

Throttle .....IDLE (Runway assured)

Touch-down.....180 km/h

AFTER LANDING | RUNWAY VACATED

Flaps (LA) .....UP

Radiator lever (RF).....AUF / OPEN

Prop. Governor switch (LF).....MANUAL (FWD)

Pitch RPM (CR) .....SET 12:00

Artificial Horizon (C).....FEST / CAGE

SHUTDOWN

Brakes.....APPLY

Throttle .....Advance to 1200 RPM for 10”

Engine Stop Handle (LM) .....APPLY

Magnetos lever (CL) .....OFF

Fuel Booster Pump lever (LF).....OFF

Oxygen Valve (RF) .....CLOSE

Circuit Breakers (RF) .....ALL OFF

Canopy .....OPEN

POWER SETTINGS			
Condition	RPM	ATA	Max. Duration
MW-50	2800 ±50	1.75 ±0.01	10'
COMBAT	2600 ±50	1.35 ±0.01	30'
CRUISE	2400 ±65	1.25 ±0.01	Continuous
ECONOMY	2000 ±80	1.05 ±0.01	Continuous
SPEEDS			
Gear		≤ 350 km/h	
Flaps Full		≤ 250 km/h	
Pattern		350 km/h	
Approach		220 km/h	
Touch-down		180 km/h	

MG 131 MACHINEGUNS & MK 108 CANNON	
Gunsight.....	UNFOLD
MASTER ARM (C) .....	ARM
Cannon Safety Cover.....	UNFOLD
Weapon Select (CL) .....	CANNON (Left)
Cannon .....	CHARGE
SC-500 BOMB	
Circuit Breaker V101 Ext. Ordnance (RF) .....	ON
Gunsight.....	UNFOLD
MASTER ARM (C) .....	ARM
Bomb release mode selector switch (C) .....	As req.
<i>Left: Dive (Sturz)   Right: Level (Wagerecht)</i>	
<i>MV (Mit Verzögerung): Delay   OV (Ohne Verzögerung): Instant</i>	