



CHECKLISTE

KATANA DA20

PREFLIGHT-CHECK

Propeller niemals gegen Laufrichtung drehen!

1. Tie-downs + covers
2. Oil - Coolant
3. Propeller
4. Cowling
5. Air intakes
6. Nose wheel
7. Structure temp. (summer)
8. Left wing, left wheel, fuselage
9. Fuel drain
10. Stabilizer, Trim Tab
11. Right wing, right wheel, fuselage
12. Cockpit
15. ELT - "Auto"
16. Fuel quantity

BEFORE ENGINE START

1. RUDDER PEDALS.....ADJUSTED
2. PARKING BRAKE.....SET
3. SEAT BELTS.....FASTENED
5. FUEL SHUTOFF VALVE.....OPEN
6. AVIONIK MASTERSWITCH.....OFF
7. HORIZONT..... CAGE
8. MASTER.SWITCH.....ON
9. CIRCUIT BREAKERS.....CHECK - ALL IN
10. GENERATOR WARNING LIGHT.....CHECK - ON
11. FUEL PRESSURE WARNING LIGHT...CHECK - ON
12. CANOPY WARNING LIGHT.....CHECK - ON
13. CANOPY CLOSED (2x).....WARNING LIGHT - OFF
14. STROBE.....ON
15. PROP.....HIGH RPM
16. THROTTLE.....IDLE
17. FUEL PUMP.....ON
18. FUEL PRESSURE WARNING.....CHECK - OFF
19. CARBURATOR.HEAT.....COLD
20. CHOKE.....ON CONDITION

ENGINE START

1. PROP AREA.....CLEAR
2. START
3. THROTTLE..... ~1000 RPM

AFTER ENGINE START

1. OIL PRESSURE.....GREEN ARC (10 sec.)
2. CHOKE.....OFF
3. FUEL PUMP.....OFF
4. FUEL PRESSURE WARNING.....CHECK - OFF
5. AVIONIK MASTERSWITCH.....ON
6. CIRCUIT BREAKERS.....CHECK - ALL IN
7. AMPEREMETER.....CHECK - POSITIV
8. ATIS - T/O DATA.....RECEIVED
9. TRANSPONDER.....STBY
- 10.FLIGHT INSTRUMENTS.....SET
11. FLAPS.....Full range > T/O
12. TRIM..... Full range > T/O

TAXI

1. TAXI / LANDING LIGHTON
2. TRANSPONDER..... GND
3. PARKING BRAKE.....RELEASED
4. BRAKES.....CHECK
5. FLIGHT CONTROLS.....CHECK
6. MAGNETIC COMPASS.....CHECK
7. TRIM.....NEUTRAL
8. GYRO.....CHECK
9. TURN COORDINATOR.....CHECK

ENGINE RUN UP

1. PARKING BRAKE.....SET
2. ENGINE INSTRUMENTS.....GREEN ARC
3. WARNING LIGHTS.....CHECK - OFF
4. THROTTLE.....1900 RPM
5. PROP CHECK.....CYCLE 3x (- 50 to 250 RPM)
6. PROP.....HIGH RPM
7. MAGNETOS.....CHECK (150/50 RPM)
8. THROTTLE.....1500 RPM
9. CARBURATOR HEAT.....~ 50 RPM

BEFORE TAKE OFF

1. FUEL PUMP.....ON
2. TRANSPONDER.....ALT
2. WARNING LIGHTS.....CHECK - OFF
3. RUNWAY HEADING.....IDENTIFY

Rotate Vr = 51 kts

Best angle Vx (flaps T/O) = 58 kts

Best rate Vy (flaps T/O) = 65 kts

Best rate Vy (flaps up) = 70 kts

Maneuvering Va = 104 kts

AFTER TAKE OFF

1. PROP.....OUT OF YELLOW ARC (2400RPM)
2. CLIMB POWER.....26 in./hg
3. FLAPS.....UP
4. FUEL PUMP.....OFF
5. FUEL PRESSURE WARNING.....CHECK OFF
4. ENGINE INSTRUMENTS.....GREEN ARC
5. LANDING / TAXI LIGHTS.....OFF

CRUISE POWER SETTINGS

press.alt. ft	55%			65%			75%		
	MP	RPM	L/h	MP	RPM	L/h	MP	RPM	L/h
0	24,7	20	11,3	25,7	21	13,0	27,0	22	15,0
2000	24,0	20	12,0	24,0	21	13,3	25,7	23	15,3
4000	23,3	20	13,0	23,3	22	14,0	24,3	24	16,3
6000	22,0	21	14,0	22,7	23	16,3	23,3	24	19,3
8000	21,0	22	15,0	21,7	23	17,7	22,0	24	19,7
10000	19,7	23	16,0	20,3	24	18,7			
12000	18,0	22	17,3						

DESCEND / APPROACH

1. FUEL PUMP.....ON
2. LANDING LIGHT.....ON
3. CARBURATOR HEAT.....ON
4. FLAP SPEEDWHITE ARC
5. FLAPS.....AS REQUIRED

APPROACH SPEED / FLAPS T/O ~ 70 kts

FINAL

1. TRIM.....NEUTRAL
2. FLAPS.....AS REQUIRED
3. PROPHIGH RPM

FINAL APPROACH SPEED /
FLAPS LANDING = 65 kts

MINIMUM APPROACH SPEED /
FLAPS LANDING = 57 kts

AFTER LANDING

1. CARBURATOR HEAT.....COLD
2. FLAPS.....UP
3. TRANSPONDER.....GND
4. FUEL PUMP.....OFF

SHUT DOWN

1. PARKING BRAKE.....SET
2. LANDING / TAXI LIGHTS.....OFF
3. THROTTLE.....IDLE
4. AVIONIC MASTER.....OFF
5. IGNITIONOFF
6. STROBE.....OFF
7. MASTER SWITCH.....OFF