



CHECKLISTE D-EPHD

KATANA DA20

PREFLIGHT-CHECK

Propeller niemals gegen Laufrichtung drehen!

1. Tie-downs + covers
2. Oil - Coolant (*ROTAX-Spezifisches beachten*)
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. MASTER.SWITCH.....ON
8. CIRCUIT BREAKERS.....CHECK - ALL IN
11. GENERATOR WARNING LIGHT.....CHECK - ON
12. FUEL PRESSURE WARNING LIGHT...CHECK - ON
13. CANOPY WARNING LIGHT.....CHECK - ON
14. CANOPY CLOSED (2x).....WARNING LIGHT - OFF
15. STROBE.....ON
16. PROP.....HIGH RPM
17. THROTTLE.....IDLE
18. FUEL PUMP.....ON
19. FUEL PRESSURE WARNING.....CHECK - OFF
20. CARBURATOR.HEAT.....COLD
21. 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 LIGHT ON
2. TRANSPONDER..... GND
3. PARKING BRAKE..... RELEASED
4. BRAKES..... CHECK
5. FLIGHT CONTROLS..... CHECK
6. MAGNETIC COMPASS..... CHECK
7. GYRO..... CHECK
8. 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. LANDING LIGHTON
3. TAXI LIGHT..... OFF
4. WARNING LIGHTS.....CHECK - OFF

LINE UP CHECK

1. TRANSPONDER..... ALT
5. RUNWAY HEADING..... IDENTIFY

Rotate Vr = 51 kts

Best angle Vx (flaps T/O) = 57 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
6. ENGINE INSTRUMENTS.....GREEN ARC
7. LANDING / TAXI LIGHTS.....OFF

CRUISE POWER SETTINGS

press.alt. ft	55%		65%		75%	
	MP	RPM	MP	RPM	MP	RPM
0	24,7	19	25,3	21	26,3	22
2000	24,0	19	24,7	21	25,7	22
4000	23,3	19	24,0	21	25,0	22
6000	23,0	19	23,7	21	23,7	23
8000	21,3	20	21,7	23	22,0	24
10000	20,0	21	20,3	24		
12000	18,7	22				

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. TRANSPONDER..... OFF
4. AVIONIC MASTER.....OFF
5. IGNITIONOFF
6. STROBE.....OFF
7. MASTER SWITCH.....OFF