

CHECKLISTE

KATANA DA20



Erstellt auf Basis des gültigen Flughandbuchs - Ersetzt nicht dessen Kenntnis !

-Feb 2016 -

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.
8. Left wing, left wheel, fuselage
9. Fuel drain
10. Stabilizer, Trim Tab
11. Right wing, right wheel, fuselage
12. Cockpit
13. Flaps - full range
14. Trim - full range
15. ELT - "Auto"
16. Fuel quantity

CHECKLIST, KATANA DA20, D-EPHD

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
9. GENERATOR WARNING LIGHT.....CHECK - ON
10. FUEL PRESSURE WARNING LIGHT...CHECK - ON
11. CANOPY WARNING LIGHT.....CHECK - ON
12. CANOPY CLOSED (2x).....WARNING LIGHT - OFF
13. STROBE.....ON
14. PROP.....HIGH RPM
15. THROTTLE.....IDLE
16. FUEL PUMP.....ON
17. FUEL PRESSURE WARNING.....CHECK - OFF
18. CARBURATOR HEAT.....COLD
19. CHOKE.....ON CONDITION

CHECKLIST, KATANA DA20, D-EPHD

ENGINE STARTUP

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

TAXI

1. TAXI / LANDING LIGHTON
2. PARKING BRAKE.....RELEASED
3. BRAKES.....CHECK
4. FLIGHT CONTROLS.....CHECK
5. MAGNETIC COMPASS.....CHECK
6. TRIM.....NEUTRAL
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. CARBURATOR HEAT.....~ 50 RPM
8. MAGNETOS.....CHECK (150/50 RPM)
8. THROTTLE.....1000 RPM

CHECKLIST, KATANA DA20, D-EPHD

BEFORE TAKE OFF

1. FLAPS.....T/O
2. TRIM.....NEUTRAL
3. FUEL PUMP.....ON
4. WARNING LIGHTS.....CHECK - OFF
5. RUNWAY HEADING.....IDENTIFY
6. TRANSPONDER..... ALT

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

Final approach (flaps Idg.) min. = 57 kts

AFTER TAKE OFF

1. POWER..... ~ 26 in/hg
2. PROP.....OUT OF YELLOW ARC (2400RPM)
3. FLAPS.....UP
4. FUEL PUMP.....OFF
4. ENGINE INSTRUMENTS.....GREEN ARC

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. ATIS.....RECEIVED
2. CARBURATOR HEAT.....ON
3. FUEL PUMP.....ON
4. FLAP SPEEDWHITE ARC
5. FLAPS.....AS REQUIRED
6. LANDING LIGHTS.....ON
6. RUNWAY HEADING.....IDENTIFY

APPROACH SPEED / ABEAM THRESHOLD ~ 65 kts

CHECKLIST, KATANA DA20, D-EPHD

FINAL

- | | |
|---------------|-------------|
| 1. TRIM..... | NEUTRAL |
| 2. FLAPS..... | AS REQUIRED |
| 3. PROP | HIGH RPM |

FINAL APPROACH SPEED ~ 65 kts

AFTER LANDING

- | | |
|-------------------------|------|
| 1. CARBURATOR HEAT..... | COLD |
| 2. FLAPS..... | UP |
| 3. TRANSPONDER..... | STBY |
| 4. FUEL PUMP..... | OFF |

SHUT DOWN

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