

NORMAL CHECKLIST DA 20 „KATANA“

WESTFLUG AACHEN

PREFLIGHT
Outside checkcompleted
Inside Check.....completed
Rudder Pedals and Seat beltsset & fastened
Cabin.....closed & locked
Fuel shut off valve.....opened
Avionic Switch..... off

ENGINE START
Master Switch.....on
Warning Lights.....Lights on
Fuel quantity.....checked
Electr. Fuel pump.....on
Propellerfree, then full forward
Throttle..... cold – idle/warm - 0,5cm open
Choke.....cold – pull/warm - closed
Strobes.....on
Engine starter Start
Oilpressuregreen arc
Amps Meter..... checks
Warning Lights..... off

AFTER STARTING ENGINE
Electr.Fuel pump..... off
Avionic Switch.....on
All Instruments set & checked
Choke..... off

DURING TAXIING
Brakeschecked
Instrumentschecked
Controls check free

RUN - UP
Propeller checked @ 1800 RPM
Magnetos checked @ 1800 RPM
Oil pressure..... checked @ 1800 RPM
Carburator Heat checked @ 1500 RPM
Idle Speed checked, then 1000 RPM

BEFORE TAKEOFF
Dep. & Emer. Briefingcompleted
Magnetos..... Both
Propeller full forward
Carburator Heat..... cold
Trim neutral
Windows.....closed
Flaps..... T/O

CLEARED FOR TAKEOFF
Electr. Fuel Pump.....on
Transponder ALT
Directional Gyrol.....checked

SPEEDS
V _X 57 KIAS
V _Y 65 KIAS
Cruise Climb..... 69 KIAS
V _{REF} Flaps 40° 57 KIAS
V _{REF} Flaps 0° 61 KIAS
Best Glide..... 72 KIAS

This Checklist is a summary from the Pilots Operating Handbook, and as such does not replace the normal procedures.

AFTER TAKEOFF
Flaps up
Carburator Heat..... cold
Throttle..... max Power
Propeller 2400 RPM
Electr.Fuel Pump..... off

BEFORE LANDING
Appr. Briefing.....completed
V _{REF} /V _{TGT} /_/_ Kts
Electr. Fuel Pump..... on

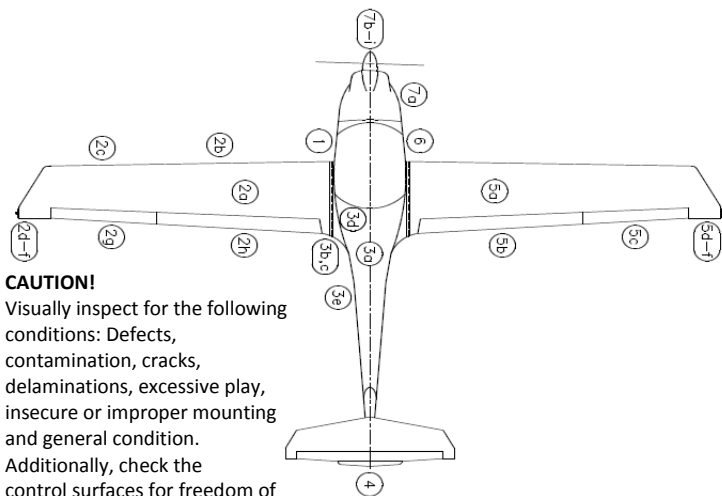
FINAL
Electr. Fuel Pump..... on
Carburator Heat..... as required
Propeller full forward
Flaps set

AFTER LANDING
Electr. Fuel Pump..... off
Carburator Heat..... off
Transponder SBY
Flaps up
Trim neutral

SHUTDOWN
Avionic Switch off
Throttle..... idle
Magnetos..... off
All Lights & switches off
Parking Brake..... as required

OUTSIDE CHECK DA 20 „KATANA“

WESTFLUG AACHEN



CAUTION!
Visually inspect for the following conditions: Defects, contamination, cracks, delaminations, excessive play, insecure or improper mounting and general condition. Additionally, check the control surfaces for freedom of movement

1. Left Main Landing Gear

- a) Landing Gear Strutvisual inspection
- b) Tire Pressure (33 psi / 2.3 bar) check
- c) Tire, Wheel, Brakevisual inspection

2. Left Wing

- a) Entire Wingvisual inspection
- b) Stall Warning..... check (suck on opening)
- c) Pitot-Static Probe clean, holes open
- d) Tie downremove
- e) Taxi and Landing Lightsvisual inspection
- f) Wing Tip, Position Lights and Strobe..... visual inspection
- g) Aileron Balancing Weightvisual inspection
- h) Aileron including Inspection Panelvisual inspection
- i) Wing Flap including Inspection Panel..... visual inspection

3. Fuselage

- a) Skinvisual inspection
- b) Tank Vent check
- c) Tank Draindrain water
- d) Fuel Quantity visual inspection (use fuel pipette)
- e) Antennasvisual inspection

4. Empennage

- a) Stabilizers and Control Surfacesvisual inspection
- b) Tie down remove
- c) Trim Tabs..... visual inspection

5. Right Wing

- a) Entire Wingvisual inspection
- b) Wing Flap including Inspection Panelvisual inspection
- c) Aileron including Inspection Panelvisual inspection
- d) Aileron Balancing Weightvisual inspection
- e) Wing Tip, Position Lights and Strobe..... visual inspection
- f) Tie down remove

6. Right Main Landing Gear

- a) Landing Gear Strutvisual inspection
- b) Tire Pressure (33 psi / 2.3 bar) check
- c) Tire, Wheel, Brakevisual inspection
- d) blocksremoved

7. Nose

- a) Oil check level by using dip-stick markings
- b) Coolant check level must be between dip-stick markings
- c) Cowlingvisual inspection
- d) Air Intakes (seven)free
- e) Propellervisual inspection, Ground Clearance, : approx. 25 cm
- f) Propeller Blades perform Pitch Check by Hand
- g) Spinnervisual inspection
- h) Nose Gear visual inspection, towbar removed
- i) Tire Pressure (26 psi / 1.8 bar) check
- j) Tire and Wheelvisual inspection
- k) blocksremoved