

Checklist - KATANA DA20 A1
Rev.07 / 25.07.2020

Crew at Stations

Preflight Inspection-----performed
Aircraft Documents-----onboard
Pilot Documents-----onboard
Paperwork-----done

Before Engine Start

Parking Brake-----set
Fuel Shut-off-Valve-----open
Carburettor Heat-----off
Throttle-----idle
Avionic Master-----off
Canopy-----closed / latched
GEN/BAT Master Switch-----on
Strobe-----on

Engine Start

Fuel Pump-----on
Throttle-----as required
Choke-----as required
Propeller Area-----clear
Ignition-----START
Throttle-----1000 RPM

After Engine Start

Engine Instruments-----checked
Warning Lights-----checked
Fuel Pump-----off
Avionic Master-----on
Circuit Breakers-----checked
Avionics-----set for departure
Horizon-----adjust baseline
DG-----adjusted
Flaps-----set T/O

Taxi

Taxi Lights-----on
Flight Controls-----checked
Flight instruments-----checked

Engine Run UP

Parking Brake-----set
Engine Instruments-----checked
Warning Lights-----checked off
Throttle-----1900 RPM
Prop Control-----checked
Magnetos-----checked
Carburettor Heat-----checked
Throttle-----idle
Trim-----neutral
Departure Briefing-----performed

Line UP

Approach Sector-----clear
Fuel Pump-----on
Transponder-----on-alt
RWY-----identified
Landing Light-----on

Take Off

Throttle-----FULL
Rotate-----53 KIAS
Initial Climb-----60 KIAS

Climb

Climb speed-----70 KIAS
Flaps-----up
Climb Power-----set
Fuel pump-----off
Landing Light-----off
Taxi Light-----off
Altimeter-----set

Cruise

Cruise power-----set
Engine Instruments-----check

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Descent

ATIS ----- received
 Instruments / Avionics ----- set
 Throttle ----- as required

Approach

Approach Briefing ----- performed
 Altimeter ----- set QNH
 Lights ----- on
 Fuel Pump ----- on
 Carburettor Heat ----- on
 Wing Flaps ----- set APP
 Approach Speed ----- 70 KIAS

Final

Flaps ----- set LDG
 Final approach speed ----- 65 KIAS
G U M P S Check:
 Gas/Undercarriage/Mixture/Props/Switches

After Landing

Transponder ----- standby
 Flaps ----- up
 Fuel Pump ----- off
 Landing Light ----- off

Engine Shut Down

Parking Brake ----- set
 Throttle ----- 1000 RPM
 Position/Taxi Lights ----- off
 Avionic Master Switch ----- off
 Ignition ----- off
 Strobe/Recognition Light ----- off
 GEN/BAT Master Switch ----- off

Speeds

V _R		53 KIAS
V _X		65 KIAS
V _Y		70 KIAS
V _{APPROACH}	70 KIAS	Flaps T/O
V _{FINAL APPROACH}	65 KIAS	Flaps LDG
V _A		104 KIAS
V _{FE}		81 KIAS
V _{NO}		118 KIAS
V _{NE}		161 KIAS
V _s	Flaps Up	41 KIAS
V _{s1}	Flaps TO/App	39 KIAS
V _{s0}	Flaps Land	37 KIAS