



CHECKLISTE

PS 28 Sportcruiser

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. Left wing, left wheel, fuselage
8. Pitot Cover
9. Fuel drain (3x)
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. WING LOCKERS.....CLOSED
6. FUEL CAPS.....CLOSED
7. CANOPY.....CLOSED AND LOCKED
8. MASTER & GEN.....ON
9. CIRCUIT BREAKERS.....CHECK - ALL IN
10. EMS..... ON
11. FUEL SELECTOR.....CHOOSE.
12. STROBE.....ON
13. THROTTLE.....IDLE
14. FUEL PUMP.....ON
15. CARBURATOR.HEAT.....COLD
16. CHOKE.....ON CONDITION

ENGINE START

1. PROP AREA.....CLEAR
2. START
3. THROTTLE.....max. GREEN ARC

AFTER ENGINE START

1. OIL PRESSURE.....2 - 7 BAR
2. CHOKE.....OFF
3. FUEL PUMP.....OFF
5. AVIONIK, COM/NAV.....ON
6. INTERCOM.....CHECK ON
7. CIRCUIT BREAKERS.....CHECK - ALL IN
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. LANDING LIGHTON
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. WARNINGS.....CHECK - OFF
4. THROTTLE.....4000 RPM
5. MAGNETOS.....CHECK (300/115 RPM)
6. CARBURATOR HEAT..... ~ 100 RPM
10. THROTTLE.....IDLE

BEFORE TAKE OFF

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

Rotate Vr = 45 kts

Best angle Vx = 55 kts

Best rate Vy = 62 kts

Manoeuvring Va = 88 kts

Max. Flaps Vfe = 75 kts

Best Glide = 60 kts

Empty weight = 389 Kg

Max. T/O weight = 600Kg

AFTER TAKE OFF

1. CLIMB POWER.....~5000 RPM
3. FLAPS.....UP
4. FUEL PUMP.....OFF
4. ENGINE INSTRUMENTS.....GREEN ARC
5. LANDING / TAXI LIGHTS.....OFF

CRUISE POWER SETTINGS

Altitude ft	RPM	TAS kts	L / h
3000	4200	72	13,2
	4500	80	15,3
	4600	88	17,5
	5000	94	19,0
	5300	102	21,4
5000	5500	108	23,3
	4200	71	12,3
	4500	79	14,9
	4600	87	17,2
	5000	93	18,7
7000	5300	101	21,1
	5500	107	22,8
	4200	69	12,5
	4500	77	14,6
	4600	85	16,8
	5000	91	18,4
	5300	99	20,8
	5500	105	22,3

DESCEND / APPROACH

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

APPROACH SPEED / FLAPS T/O ~ 70 kts

FINAL

1. TRIM.....AS REQUIRED
2. FLAPS.....AS REQUIRED

FINAL APPROACH SPEED /

FLAPS LANDING = 60 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. COM/NAV.....OFF
5. AVIONICS.....OFF
6. IGNITIONOFF
7. STROBE.....OFF
8. EMS.....OFF
9. MASTER BAT & GEN.....OFF