

N6297J CKLST PA28-181

Version 7-29-26

START:

Passenger Briefing → **Dispatch**
Belts/Harness ON
Brakes ON & SET
Switches & **AV MASTER OFF**
Fuel on Lower Tank
Key in Ignition
Master Switch – ON
Fuel Pump – ON (Ck Pressure)
FIN Beacon – Confirm ON
Carb Heat – OFF
Mixture – RICH
Throttle Cracked ($\frac{1}{8}$ " – $\frac{1}{4}$ ")
Primer Locked
CLEAR Area & Start
2 Throttle Pumps while cranking
Throttle 1000 rpm

WARM UP:

3 PRESSURE CK:
Oil, Loadmeter (ck w/ load),
Fuel w/ pump OFF
WNG Strobes ON
LEAN
Avionics Master – ON
Stratus2 – ON (*optional*)
JPI: set fuel amt & IAT
430W CHECK: database &
selftest & ADS-B
Circuit Breakers & Clock - CK
Check VOR current
Radios Tuned → Copy ATIS
Altimeter and HSI Set/Check

SWITCH TANKS

Taxi to Compass Rose →
Brake/Steering/Instrument Chk

RUN-UP:

Brakes ON, Chk Oil Temp
Mix RICH
RUN-UP to 2000 rpm
Check Engine Gauges
Check Magnetos (175/50)
Check Carb Heat ON/OFF
Throttle Idle
Throttle 1000 rpm
LEAN
Check Flight Instr & CB
Check Annunciators
Transp/Comm/Navs SET
AutoPilot – TEST & OFF
Bug HDG & ALT
Controls Free & Correct
Check Flaps: 10°, 25°, 40°
Trim Set

TAKE-OFF BRIEFING

Radio Call → Brief Taxi Route

BEFORE TAKE-OFF:

Switch to Tower

Fuel on Proper Tank
Fuel Pump – ON
Mixture RICH
Carb Heat OFF
Primer IN & Locked

Belts/Harnesses ON
Secure Door and Window

Clearance for Takeoff:

Landing Light ON, Transpr Ck,
Time noted, Final ck'd

REACT on roll: RPM, Engine
gauges, **AS**, **CL**, **T**-off pt

Speeds (mph): Vr: 70-75 Vso: 61
Vs: 68 Vx: 74 Vy: 87
Va: 124 max / 118 med / 109 lgt
Best Glide: 87 **Cruise Climb:** 100

CRUISE: "Lightening Check"

Fuel Pump OFF and TRIM
Gauges & HSI Check
Fuel Management:
Lean above 3K' ≤ 75% HP
BP: 125 ROP
BE: Peak or +50 ROP

DESCENT:

Fuel Tank Selection
Fuel Pump ON
Mixture Adjust

APPROACH & LANDING:

Set Audio Panel:
WX, Twr/CTAF, Grd
Get ATIS/AWOS
Altimeter & HSI SET/Chk'd
Navs SET - VOR, GPS
Brief Approach:
How long (MAP)
How low (MDA, DA)
Which way (missed
procedure)

G – Gas on Fullest Tank
U – Undercarriage Down
M – Mixture Rich
P – Primer LOCKED, Prop
forward
S – Switches: Landing Light/
RCOG light/ Fuel Pump ON;
Check for Carb Ice (ON/OFF)
S – Seat Belts & Back SET

Radio Call

Approach/Landing Speeds:

90 mph approach
86 mph w/no flaps
76 mph w/ full flaps

AFTER LANDING:

Flaps up
Fuel Pump / Ldg Light OFF
WNG Strobes OFF
LEAN for taxi

SHUTDOWN:

Brakes ON
Av Master OFF
Stratus2 OFF & unplugged
Throttle IDLE → Hot Mag Chk
Throttle to 1100 rpm (10 sec)
Mixture LEAN/CUTOFF
Once Prop Stops:
Magnetos – OFF
Master – OFF
FIN Beacon – REMAINS ON
Parking Brakes – OFF
G5s – Power OFF

Hobbs Time → **CHECK-IN**

CLOSE FLIGHT PLAN

Controls Secure
Door/Window Locked
Tiedown or Chocks ON

75% HP

DA	STC	RPM	TAS
SL	15	2440	127
1K	13	2460	129
2K	11	2490	131
3K	9	2510	132
4K	7	2540	133
5K	5	2560	135
6K	3	2580	137
7K	1	2600	138
8K	-1	2640	140

