

N6297J CKLST PA28-181

Version 1-7-2024

START:

Passenger Briefing
 Belts/Harness ON
 Brakes ON & SET
 Switches & **AV MASTER OFF**
 Fuel on Lower Tank
 Key in Ignition
 Master Switch & Stratus2 – ON
 Fuel Pump – ON (Ck Pressure)
 Anti-collision Lights – ON
 Carb Heat – OFF
 Mixture – RICH
 Throttle Cracked ($\frac{1}{8}$ " – $\frac{1}{4}$ ")
 Prime & Lock
 CLEAR Area & Start
 Throttle 1000 rpm

WARM UP:

Check pressures: Oil, Electric w/
 load, Fuel w/ pump OFF
 Lights/Strobes ON
 Confirm Clock Set
 LEAN
 Avionics Master – ON
 JPI - check fuel amt
430W CHECK: database &
 selftest
 Check VOR current
 Circuit Breakers check
 Copy ATIS
 Altimeter and HSI Set/Check

SWITCH TANKS

Radio Call → Brief Taxi Route
 Taxi-Brakes Check/Instruments

RUN-UP:

Brakes ON
 Check Oil Temp in Green
 Mix RICH
RUN-UP to 2000 rpm
 Check Magnetos (175/50)
 Check Carb Heat ON/OFF
 Check Engine Gauges
 Throttle Idle
 Throttle 1000 rpm

TAKE-OFF:

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

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

Belts/Harnesses ON
 Secure Door and Window

TAKE-OFF BRIEFING

Clearance for Takeoff:

Landing Light ON, Transpr Ck,
 Time & Final noted
 HSI to Rwy, Wind & Power Ck,
 Oil & Fuel pressure, AS

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 Rich

DESCENT:

Fuel Tank Selection
 Fuel Pump ON
 Mixture Adjust

APPROACH & LANDING:

ATIS
 Altimeter & HSI SET
 Freq – Appr, CTAF
 Navs SET - VOR, GPS
 Brief Approach
 MAP Location & Time
 Altitude – FAF, DH-MDA
 Missed Appr PROC
 Approach Speed (90 mph)
 GUMPSS
 Radio Call

Approach Speed:

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

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

AFTER LANDING:

Flaps up
 Fuel Pump OFF
 Landing Light/Strobes OFF
 LEAN for taxi

SHUTDOWN:

Brakes ON and SET
 Confirm Switches OFF
Av Master & Stratus OFF
 Throttle IDLE → Hot Mag Chk
 Throttle to 1000 rpm
 Mixture IDLE/CUTOFF
Once Prop Stops:
 Magnetos – OFF
 Master – OFF
 Beacon – OFF
 Parking Brakes – As Needed

Hobbs Time
 Controls Secure
 Door/Window Locked
 Tiedown or Chocks ON

CLOSE FLIGHT PLAN

<u>75% HP</u>			
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

