

CJ72S-G1000 (Ted v1.2)

Initial

- ▶ Papers ..... A.R.O.W.
- ▶ Control Lock ..... off
- ▶ Mags. .... key out
- ▶ Mixture ..... idle cutoff
- ▶ Throttle ..... idle
- ▶ Avionics ..... off
- ▶ Fuel Shutoff ..... on
- ▶ Fuel ..... both
- ▶ Master ..... on
- ▶ Fuel ..... note
- ▶ Flaps ..... down
- ▶ Lights/Pitot ..... test
- ▶ Avionics on/off ..... fans
- ▶ Master ..... off
- ▶ Hobbs Time ..... note

Walkaround

- ▶ Fuel/Oil ..... dip/sample
- ▶ Caps/Drains/Vents
- ▶ Surfaces/Controls
- ▶ Exhaust/Antennas
- ▶ Prop/Belt/Air Intake
- ▶ Pitot/Static/Stall
- ▶ Gear/Tires/Brakes
- ▶ Ties/Baggage Door
- ▶ Final Walkaround

Pre-Start

- ▶ Doors ..... secure
- ▶ Belts/Seat Track
- ▶ Brakes ..... check, set
- ▶ Circuit Brkrs. .... check
- ▶ Passenger ..... brief
- ▶ Beacon ..... on
- ▶ Avionics ..... off
- ▶ Fuel ..... both

Start

- ▶ Stby. Battery ..... test/arm
- ▶ Engine Ind. .... no Xs
- ▶ Volts ..... [E>24] [M<1.5]
- ▶ Amps ..... S<0/arm on
- ▶ Prime:
- Mixture ..... idle cutoff
- Brakes ..... secure
- Master ..... on
- Throttle ..... slight
- Aux. Pump ..... on
- Mixture ..... prime
- warm: 0-3 sec
- cold: 3-5 sec
- Aux. Pump ..... off

- ▶ Abort Plan/Lost Comm.
- ▶ Fuel ..... on/both
- ▶ Flaps ..... 0-10°
- ▶ Mixture ..... rich
- ▶ Aux. Pump ..... off
- ▶ Pitot heat ..... as required
- ▶ Review Airspeeds
- ▶ Time ..... note/start
- ▶ Stby. Battery ..... off

- ▶ Mixture ..... 3/4 rich
- ▶ "Prop Clear!"
- ▶ Mags. .... start
- ▶ Throttle ..... 1000 RPM
- ▶ Oil Pressure ..... 30 secs.
- ▶ Volts/Amps ..... [E>26] [O]
- ▶ Mixture ..... lean for taxi

Pre-Taxi

- ▶ Flaps ..... up
- ▶ Lights ..... as required
- ▶ Avionics ..... on/set
- ▶ GPS ..... DB date
- ▶ Fuel Totalizer ..... enter
- ▶ ATIS ..... PFD/backup/AP(?)
- ▶ Radio ..... test
- ▶ Transponder ..... squawk
- ▶ Check ..... TC/Alt/HSI<->MC
- ▶ Clearance ..... obtain
- ▶ Brakes ..... test

Run-Up

- ▶ Brakes ..... set
- ▶ Seat Belts ..... check
- ▶ Doors/Windows ..... secure
- ▶ Flight Controls ..... correct
- ▶ Instruments ..... scan
- ▶ Alternate Static ..... check
- ▶ AP ..... MET/HDG
- ▶ Trim ..... takeoff
- ▶ Fuel ..... on/both
- ▶ Hdg./Alt. Bugs
- ▶ GPS/Status Bar/Ann. Test
- ▶ MFD Range/Track Up
- ▶ Comm/Nav/VOR/FP
- ▶ Mixture ..... rich
- ▶ Throttle ..... 1800 RPM
- ▶ Mags. .... 150, 50
- ▶ Engine Inst. .... check
- ▶ Idle Check
- ▶ Throttle ..... 1000 RPM
- ▶ Mixture ..... lean
- ▶ Lights ..... as required
- ▶ ADSB Handheld ..... on

Pre-Takeoff

- ▶ Beacon ..... on
- ▶ Throttle ..... 1000 RPM
- ▶ Mags. .... off then both
- ▶ Mixture ..... idle cutoff
- ▶ Mags. .... key out
- ▶ Master ..... off
- ▶ Tach Time
- ▶ Stby. Battery ..... off

- ▶ "Lights, Camera, Action"
- Mixture/Throttle
- ▶ Engine Inst. .... green
- ▶ Vr ..... 55 kts
- ▶ Vx ..... 62 kts, Vy ..... 74 kts

Climb / Cruise

- ▶ Cruise Climb ..... 75-85 kts
- ▶ Flaps ..... up
- ▶ Mixture ..... lean >3000'
- ▶ Flow Check (~15 min)
- Fuel, Trim
- Flaps, Engine Inst.
- Mixture, Throttle
- Master, Mag., Pump

Descent

- ▶ Mixture ..... richen slowly
- ▶ Throttle ..... as required
- ▶ Flow Check

Pre-Landing

- ▶ ATIS/Rwys & Patterns
- ▶ "CCGUMPSF"
- G: Fuel ..... on/both
- M: Mixture ..... rich
- S: Seat Belts ..... secure
- F: Flaps ..... as required
- ▶ Trim ..... as required
- ▶ Ldg. Light ..... on
- ▶ Approach ..... 80-65 kts

Post-Landing

- ▶ Throttle ..... 1000 RPM
- ▶ Mixture ..... lean
- ▶ Flaps ..... up
- ▶ Pitot Heat ..... off
- ▶ Trim ..... takeoff
- ▶ Lights ..... as required
- ▶ Clearance ..... obtain

Shutdown

- ▶ ELT ..... check (121.5)
- ▶ Avionics ..... off
- ▶ Lights ..... off
- ▶ Beacon ..... on
- ▶ Throttle ..... 1000 RPM
- ▶ Mags. .... off then both
- ▶ Mixture ..... idle cutoff
- ▶ Mags. .... key out
- ▶ Master ..... off
- ▶ Tach Time
- ▶ Stby. Battery ..... off

## Post-Flight

- ▶ ADSB Handheld ..... off
- ▶ Tiedowns/Chocks
- ▶ Pitot Cover
- ▶ Fuel ..... switch to L/R
- ▶ Gust Lock
- ▶ Close Flight Plan
- ▶ Hobbs Time ..... note
- ▶ Check Under Seats
- ▶ Cabin / Baggage ..... lock
- ▶ Post-Flight Walkaround

## Engine Failure

- ▶ Short Flow
  - Fuel ..... on/both
  - Mixture ..... full/check
  - Electrical Pump ..... on
  - Alternate Air ..... on
  - Mags ..... check all

## Glide and Trim

- Speed: 60 kts
- Ratio: 9, 1.48nm/1000ft

- ▶ Wind and Landing Site

- ▶ Longer Flow

- Engine Indicators
- Short Flow Again

- ▶ No Restart

- Fuel ..... off
- Mixture ..... idle cut-off
- Prop/Throttle ..... off
- Mags ..... off
- Master ..... off
- Belt and Seat ..... check
- Unlatch Door
- Brace

- ▶ Approach ..... 80/70/65 kts