. Master (Alt.) . STBYALT ON . Elect. Load . Throttle . Throttle . Mixture . Each Tank . J . Each Tank . J . ELT	Mags. Mixtu Mags. Tach (Stan Maste Maste Pligh Hobbs Under Gust	check Flooded Engine lock P Electric Pump off off P Mixturelean (full aft) check P Throttle	• Mass : 2646/25 • Vg • Vy(Up) • Climb(T/0) • Approach : Up : T/0 : LDG • Va • ves • no InB • oo/w 94 8
• Mixture 1-3 sec • Cold • Mixture 3-5 sec • Throttle 0.4" • Mags. start • Mixture rich • Throttle 1000 RPM • Mixture 1ean (peak) • Oil Pressure 1es of • Electric Pump of • Alternators on • Engine Indicators check	Taxi UP, then as requi Proceed to the control of t	3 Janus ch Static ch Ann. ch Ann. METv itude	• Lights as required • Engine • Fuel Selector fullest • Mixture 2000 RPM • Throttle 2000 RPM • Cycle Prop x3 -250-500 • Mags. L/R -1,75, +/-50 • Alternate Air check • Indicators check • (Standby Alternator) · Master (Alt.) off · STBYALT ON glow · Elect. Load increase
DAHD-1AD (Ted Yin v1.2) Ground Operations Initial Papers A.R.O.W. Fire Extinguisher check Mags. Attorical Avionics off Avionics off Mixture idle cutoff Prop high RPM Throttle idle	check & set /Pitot Is free & cor Time Walkaround il test/sa rains/Vents es/Controls t/Antennas ir Intakes x3 Static/Stall	> Struts/Tires/Brakes > Ties/Chocks > Canopy/Door > Final Walkaround Pre-Start Passenger brief > Rear Door secure > Canopy pos. 1/2 > Seat Belts on > Brakes on	► Strobe (ACL) on ► Avionics off ► Essential Bus off ► Mixture idle cutoff ► Prop idle cutoff ► Prop odjust ► Friction adjust ► GlOOD UB Date check ► Fuel Selector least Start ► Throttle Start ► Electric Pump on

Pitot Heat	76-59 KIAS Flaps 7/0 76-60 KIAS Safe Altitude 7/0 76-60 KIAS Safe Altitude 7/0 UP Prop as required off st. EGT Lights as required s required Cruise Climb 7/0 Full Post-Landing 7/1 Frottle 1000 RPM 1	Prop high RPM Bat Belts secure laps as required <pre> <pre> <pre></pre></pre></pre>	Pitot Heat as required ▶ "CGUMPSF" ► Longer F (Air Conditioner off) • G Fuel Selector • Short F Review Airspeeds • M Nixture rich • Windmill
	• Mixture idle cu • Mags • Master	RPM AITSpeed // U-BU KLAX Cure Mags. both ired Slowly richen KIAS Stationary Restart KIAS Airspeed BU KIAS ired Electrical off General Avionics off Mags. Start Mags. Start Full Fuel Selector off	

(5,727 (Ted v1,.2)	▼ Mixture3/4 rich	Takeoff
nitial	lear!"	▼" inhts. (amera. Action"
III O B A	▶ Mags• ·····start	/Throttle
1 Lock	tle	► Engine Instgreen
	ne عا د ادراً	55
eidle cu	▼ Volts/Amps [L>EB] [L>U] ▼ Mixture lean for taxi	► Vx···· L2 kts، Vy···· 74 kts
)▶ Throttleidle ▶ Avionics	ive_Tavi	Climb / Cruise
toff	1 VD -	► Cruise Climb···· 75-85 kts
	Ch	• Flaps
	3	
▶ Fuelnote		►Flow Check (~15 min)
▶ Flapsdown	▶ Fuel Totalizer enter	• Fuel, Trim
/Pitot	► ATIS ······ PFD/backup/AP(?)	_
cs on/off f	▶ Radio test	■ Mixture, Inrottle
· · · · · · · · · · · · · · · · · · ·	► Transponder ·····squawk	• Master, Mag., Pump
► Hobbs Timenote	► Check ······· TC/AI/HSI<->MC	Descent
Walkaround	► Clearance ······obtain	► Mixture richen slowly
► Fuel/0ildip/sample	▶ Brakes ······ test	▶ Throttle as required
ins/Vent	Run-Up	►Flow Check
► Surfaces/Controls	▼ Brakes	Pre-Landing
Exhaust/Antennas	1+4	ATTS / Comments / Comm
► Prop/Belt/Air Intake	Alfodous	MAILS/ RWYS & Patterns
Pitot/Static/Stall	:	
► Gear/Tires/Brakes		Fuel
▶ Ties/Baggage Door	1 + 1 + 1	Mixtu
▶ Final Walkaround		Seat Belts ····
Pre-Ntant		laps ····· as
		► rımas required
eat Track	Sugs Pan/aca	► Approach ······· &D-L5 kts
	MEN REPORT / LINE I ESC.	Post-Landing
rkrs•	Mainge/11 ack	Throt+1e Throt
	Mixture Asia	
▶ Beaconon	<u>a.</u>	
		Hoat
► Fuel both		ַבְּפֵּרָר
Start		ע יי
▶ Stby. Battery ···· test/arm	Throttle	a)t
a.		
► Volts [E>24] [M<1.5]	V (Shutdown
► Amps S<0/ann on	בם לרוסלסמב	► ELTcheck (1,21,.5)
▶ Prime:	Abab nariarieza ori	► Avionics ······off
• Mixture idle cutoff	Pre-Takeoff	► Lights off
	► Abort Plan/Lost Comm.	• Beacon on
		► Throttlelooo RPM
• Throttleslight	► Flaps	► Mags off then both
	▶ Mixture ············	► Mixtureidle cutoff
■ Mixture prime	► Aux • Pump	key
·warm: 0-3 sec	▶ Pitot heatas required	
: 3 - 5 sec	w Airspeed	Time
■ Aux. Pumpoff	▶ Timenote/start	▶ \tby. Batteryoff

Flight Planning Checklist (Ted Yin v0.5)

AWC https://aviationweather.gov/ Windy https://www.windy.com/

COD https://weather.cod.edu/satrad/ Before Go

► ADSB Handheld····off

- ► ATIS/Tower/Ground Frequencies
- ► Runways and Pattern
- Rwy Length
- Multiple Rwys?
- TPA & Directions
- ▶ Descent and Approach Plan

► Flight Bag

► PPL & Med & Driver's License ► Leidos (1800wx) Briefing ► This Sheet

- Slow Down (engine cooling)
- Reach TPA in time with stable rate
- Terrain Hazards
- ► Taxiways and FB0 (Refueling)

► "IMSAFE" & "PAVE" ▶ Water & Energey Bars ► iPad: foreflight pack up ► Garmin inReach Beacon

- ► Emergency Landing during T/0 ► Obstructions/Mountains
- ► Airport Guide (check website)

Route

- ► Cruising Altitude
- Westerly vs. Easterly (even/odd kft)
- Glide Range
- Terrain Separation (e·g· 2000+)
- Cloud Clearance (Detour?)
- Climb Performance & Oxygen
- ◆ Obstructions
- ► Flat Land vs. Mountains
- ▼ SUA/TFR Highway is a good start
- ► Fuel Reserve & Diversions

Aircraft

- ▶ Fuel
- ▶ Weight and Balance
- CG before/after the flight
- ▶ T/0 & LDG distance to clear obstacles

- ◆ Airports Ceiling
- Visibility
- Wind (crosswind, gusts)
- Density Altitude
- ► En Route
- Cloud Base & Coverage
- Wind Aloft
- Icing (freezing point, day/night?)
- AIRMET & SIGMETs
- . H
- · Convective Weather
- ► Global Picture · Known Icing Conditions
- Fronts
- Satellite Image (trend of moisture)