• Indic • Throt • Throt • Mixtun • Each • Avioni • ACL S • ALL S • ACL S • AMBGS · ·	* Mags. Key out * Tach Time note * (Standby Alternator off) * Master off * Flight Plan close * Hobbs Time note * Under Seats check * Gust Lock on * Pitot Cover on * Pitot Cover on * Fledowns/Chocks on * Tiedowns/Chocks on * Throttle on * Mags. Start	ine fires: rich (rap) normal sta geds (KIAS) geds
• Mixture 1-3 sec vold • Mixture 3-5 sec • Throttle 1.4" start • Mags. start • Mixture 1.600 RPM • Mixture 1.5 sec • Electric Pump of f • Alternators of f f f f f f f f f f f f f f f f f f	Pre-Tax1 Flaps UP, then T/0 Lights as required Avionics on/set Fuel Totalizer enter ATIS PFD/backup/AP(?) Radio test Transponder check Clearance obtain Brake release/test Run-Up Brake set Belts check Canopy/Door lock Door Warning off	ttic Lude Ck Up full
DA4G-J&G (Ted Yin vl.l) Ground Operations Initial Papers Fire Extinguisher check Mags. Avionics Avionics Mixture Mixture Prop Master Master Master	% set	Pre-Start Pre-Start Passenger brief Rear Door secure Canopy pos. 1/2 Seat Belts on Brakes test/set Circuit Brkrs. check Strobe (ACL) on Avionics off Fiscential Bus off Prop Avionics off Priction adjust Friction adjust CiDOO DB Date check Fuel Selector least Throttle cump on Start Throttle on 'Bant Light RPM Friction adjust CiDOO DB Date check Fuel Selector least Brant Throttle on 'Bant

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 7/0 Flaps UP Post Off 1/0 Flaps 00 Flap	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	► Approach ······· &D-L5 kts
	MEN REPORT / Track III	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]	עת	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)