• 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  Waster (Battery) on  Electric Pump adjust

(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	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]	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
	▶ Pitot heatas required	
: 3 <b>-</b> 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)