## Post-Flight

<pre>* AuxB handmeid * Tiedowns/Chocks * Pitot Cover * Fuel * Gust Lock * Close Flight Plan</pre>	<u>-</u>			to L/R		
	ALVSD Dalluretu	▼ Tiedowns/Chocks	▶ Pitot Cover	► Fuelswitch	► Gust Lock	

✓ ► Hobbs Time .....note ► Check Under Seats

► Cabin / Baggage ...... lock ► Post-Flight Walkaround

## Engine Failure

Short Flow

···· on/both	full/check	
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- Electrical Pump .....on
- Alternate Air .....on
  - Mags.....check all ▶ Glide and Trim
    - Speed: LA kts
- Ratio: 9, 1.48nm/1000ft
  - ▶ Wind and Landing Site
- Engine Indicators ► Longer Flow

  - Short Flow Again
    - ▶ No Restart
- Fuel ..... off
- Prop/Throttle ..... off • Mixture ..... idle cut-off
- Mags• · · · · · off
  - Master .....off • Belt and Seat ..... check
    - Unlatch Door
- ► Approach ..... &0/70/65 kts

► Essential Bus Fuel Selector Canopy
tial Bus Selector ypo

Α	DA40-180 (Ted Yin vl.0)	• Electric Pumpon	<ul> <li>MFD Range/Track Up ··· set</li> </ul>
		• Warm	• Instrumentsscan
	מיומי אלאין שנדימיוני	· Mixture	• Lightsas required
	Initial	• Cold	• (ADSB Handheld on)
•		· Mixture3-5 sec	Shutdown
<b>A</b> .	ınguısher ···· c		► ELT check (1,21,.5)
	Key	► Electric Pumpoff .	► Avionicsoff
^ ^	Avionics off	ar!"	► Electricaloff
	ij	► Mags•start	<ul><li>ACL Strobeson</li></ul>
	Mixtino idlo citoff	• Mixturerich .	► Throttle 1000 RPM
			► Magsoff then both
•	ng In	▶ Oil Pressure15 secs.	► Mixtureidle cutoff
• 4	OT	► Fuel Pressure ···· 14-35 psi	► Magskey out
•		► Master (Alternator) on	▶ Tach Time ······note
<b>.</b>	vi ∞ŏ ✓	► Volts/Amps 25-30V/2-75A	► Masteroff
• .	0	► Engine Instno Xs	Post-Flight
	ruei rump	► Mixture lean (peak)	(ADSB Handheld off)
	· · · · · · · · · · · · · · · · · · ·	Pre-Taxi	Flight Plan
	Control Face & connect	► FlapsUP, then T/0	
		redui	Seats
1	- 1		0Ck
	Walkaround		
•	Fuel/0il test/sample	Totali	ns/Chocks
•	Caps/Drains/Vents	▼ ATTSPFD/backin/AP(2)	Apol
•	Surfaces/Controls	Toda today	- 1
•	Stall Strips/Fairings	200	Sign wathan or in the second of the second or in the seco
•	Exhaust/Antennas	T/ /11	alitalia manoni
•	Prop/Air Intakes x3	▼ Check IC/AL/HS1<-7/1C ,	► Electric Pumpoff
•	Pitot/Static/Stall		► Mixture ···· lean (full aft)
•	Atruta/Tipes/Brakes	▶ Brakes ······ release/test	► Throttle 1/2 position
	Ties/(horks	Run-Up	► Magsstart
	Cappin (Jook	▶ Brake ·····set ¹	• When engine fires:
^	Final Halkanolind		• Throttleidle
_		y/Door	<ul> <li>Mixture rich (rapidly)</li> </ul>
	Pre-start		
•		ols	
•	Rudder Pedalsadjust		
•	:		VS V
•	s ···· tes		
•	· ·	<ul> <li>Fuel Selector fullest</li> </ul>	■ Va Va
•		<ul><li>Mixture rich</li></ul>	□1/β1/Ε2/12 ·······(αΠ) ΛΛ •
<b>A</b> 4		• Throttle2000 RPM	• Climb(T/0) ···· 67/15/10/54
		• Cycle Prop x3···· -250~500	<ul> <li>Approach Speeds</li> </ul>
• .	ector	• Mags. L/R1,75, +/-50	1 P 7 P 7 P 7 P 7 P 7 P 7 P 7 P 7 P 7 P
	•	Air	
	Passenger briet	• Indicators check	:
_	Start		
•	Prime	- Throttleloo RPM	• MÁM 40-227
	reid]	ure	. ves 1,1,1, 0, 2646-2284
	id	(initial)	1.08 a
	nc		막 a below
	<ul><li>Master (Battery) on</li><li>Throttle</li></ul>	<ul><li>GPX/System/Ann. check</li><li>AP MET/HDG</li></ul>	► Steep Turn: <=45°, >=68

Canopy/Door Tullivios Commit Canopy/Door fullest Trim Time Tiles  Flaps Tiles  Flaps Tiles  Flaps Tiles  Flaps Tiles  Flaps Tiles  Flaps Throttle  Engine Inst. Gamera, Action  Mixture/Prop/Throttle  Engine Inst. Gamera Action  Mixture/Prop/Throttle  Engine Inst. Gamera  Vr 59, then 57-54 KIAS  Cruise 76-54 KIAS  Cruise 76-54 KIAS  Cruise 76-54 KIAS  Cruise 76-60 RPM  Pump Mixture  Flaps UP  Mixture Oruise  Flaps High Altitude Pump on  Flow Check (Al5 min)  Trim Switch Tanks  Mixture/Prop/Throttle  Flaps, Engine Inst.  Pump Mag., Master  CHT 150-4009  Oil 155-2209  Mixture/Pop/Throttle  Flaps, Engine Inst.	Pre-Takeo
iAGO- e in	Descent  Mixture richen slowly  Throttle as required
Mags: Check a ide and Trim rspeed	2. Mixture - full/check 3. Pump on 4. Alternate Air on
Control Lock Key out  Mags. Key out  Mags. Key out  Mags. Key out  Mixture idle cutoff  Throttle idle  Avionics off  Fuel Shutoff on  Fuel Shutoff on  Fuel Shutoff fon  Master on  Lights/Pitot test  Avionics on/off fans  Master off  Hobbs Time off  Hobbs Time off  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  Prassenger check, set  Circuit Brkrs. Check, set  Circuit Brkrs. Check, set  Circuit Brkrs. Check, set  Volts Seart  Beacon on  Avionics Scure  Mixture idle cutoff  Brakes Secure  Master on  Mixture secure  Master secure  Master sec  Cold: 3-5 sec  Aux. Pump off  Aux. Pump off  Aux. Pump off	
Throttle 1000 RPM 0il Pressure 30 secs.  Volts/Amps E>E\B\\ [\text{E}\] [\text{E}\] [\text{E}\]  Flaps up Lights as required Avionics as required Avionics text Transponder squawk Check TC/AI/HSI<-MC Clearance obtain Brakes test Transponder secure Flight Controls correct Instruments secure Flight Controls correct Instruments Static check Doors/Windows secure Flight Controls correct Instruments Static check AP Mixture takeoff Fuel on/both Hdg:/All. Bugs GPS/Status Bar/Ann. Test MFD Range/Track Up Comm/Nav/VOR/FP Mixture as required ADSB Handheld on Pre-Takeoff Fuel on/both Flaps on/both Flaps as required ADSB Handheld on Pre-Takeoff Pitot heat as required Review Airspeeds Time note/start	Mixture 3/4 rich   "Prop Clear!"   Magsstart
	Takeoff Tights, Camera, Action Mixture/Throttle