DA40-180 (Ted Yin vl.O)	• Electric Pumpon	► Mixturelean
Ground Operations		► Lightsas required
Initial	. Mixture	► ADSB Handheldon
► Papers A.R.O.W.	7 9 8 7 - 8	TIT
Extinguisher	Lh. 0	
Magskey out	► Electric Pumpoff	► Electricaloff
Avionicsoff	▼ "Prop (lear!" ▼ Magsstart ,	• ACL Strobeson
Bus		of f
▼ Mixture idle cutoff		i
▼ Throttle ·········idle		Magskey out
	► Fuel Pressure 44-35 psi Master Alt.	▼ Tach Time note
οŏ	.: 53	Post-Flight
► Lights/Pitottest	:	ADSB Handheld off
	► Mixture lean (peak)	C
	Pre-Taxi	► Hobbs Timenote
free &		
✓► Hobbs Timenote	▶ Lightsas required	► Gust Lock on
Walkaround	► AVIONICSON/Set	Tiedowns/Chockson
▶ Fuel/0il ······· test/sample	ntalizer	:
► Caps/Drains/Vents	▼ ATIS ······ PFD/backup/AP(?)	► Post-Flight walkaround
► Vurtaces/Controls	▶ Radio test	Flooded Engine
Fxhaust/Antennas		► Electric Pumpoff
► Prop/Air Intakes x3	► Check TC/AI/HSI<->MC	► Mixture ··· lean (full aft)
	:	1/2 pos
▶ Struts/Tires/Brakes	▶ brakesrelease/test	► Magsstart
▶ Ties/Chocks	Run-Up	fires:
► Canopy/Door	9	Throttle idle Mixture
► Final Walkaround	check	<pre>Finish up normal start</pre>
Pre-Start		Airspends (KT
:	:	
	▼ Instrumentsscan	
► Seat Beltson	tic	
: :		2646/2535/2205/1.874 lbs
(ACL)		:
	► Fuel Selector fullest	
:	► hedaing/Aiticadeset	► (Iimb(I/0) Б?/ББ/БП/54
	: Q	3
	▼ Comm/Nav/FPLset	• Up
► Passenger briet	▶ Mixturerich	• LDG73/71/63/58
Start	► Throttle 2000 RPM .	► Va
▼ Frime ■ Mixt: Mo 2: +off	► Cycle Prop x3 25U-5UU	
h	L'n hate Air∵	.yes]]]
+r_0		74 a below
liaster BatonThrottle	▼ Inrottle	► Steep Turn: <=45°, >=68

■ Mixture ■ Economy max EGT, <=75% ■ Best 1000F(55°C) lower ■ Higher Power richen ■ High Altitude pump on ■ Flow Check (→ 15 min) ■ Trim, Switch Tanks ■ Mixture/Prop/Throttle ■ Flaps, Engine Inst. ■ Pump, Mag., Master ■ CHT 150-400°F ■ Oil 165-220°F ■ Mixture richen slowly	st. E6	TLights, Camera, Action Electric Pump on Mixture/Prop/Throttle Engine Inst. green Vr. 59, then 57-60 Safe Altitude Prop off Pump off Lights as required Climb T/0: Vy 57-54 KIAS	In-Flight Operations Pre-Takeoff Abort Plan/Lost Comm. Canopy/Door lock Fuel Selector fullest Flaps 77/0 Mixture 16/10 Prop high RPM Prop 6/10 Review Airspeeds Time 78/10 Takeoff
Clearance optain Cabin Heat off Ventilation open Emergency Windows open Canopy open (partially) NOT unlock rear door during flight) Engine Failure Short Flow Fuel Selector full/check Mixture full/check Pump on Alternate Air optain	• Prop 2400 RPM • Pump off • Lights as required • Cruise Climb Post-Landing Throttle 1000 RPM Mixture lean lean • Flaps UP • Electric Pump off • Pitot Heat off • Trim 7/0 • Lights as required	■ F Flaps as required T/0 <1DB KIAS LDG <71 KIAS Trim as required Lights as required Lights as required Approach Speed 73-58 (Air Conditioner off) Go Around Throttle full Vy 5-54 KIAS Flaps 7/0 Safe Altitude	Throttle as required Prop
	FlapsLDG (when able) Uhlatch Door?/Brace Engine Fire Cabin Heat	y richen leed 80 lics lics Selector Selector Selector Selector Selector	Mags