DA40-180 (Ted Yin vl.Oa)	► Electric Pumpon	
Ground Operations	► Warm ■ Mixture	<ul><li>Throttle</li></ul>
Initial		ık l min.
Extinguisher ch	• Mixture	Shutdown • ELTcheck (121.5)
► Mags key out	► "Prop (lear!" ► Magsstart	► Avionicsoff ► Electricaloff
► Avionics off Essential Bus off	ure	Sar
idl	► Inrottleluuu KPM ► Mixturelean (peak)	ThrottlelDDD RPM Magsoff then both
► Prophigh RPM ► Throttleidle	<u>1.5</u>	i
	► Electric Pump	▼Mags・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・
eck & set	•	Alternator ··
Fuel Pumpcheck	<ul><li>Fuel Pressure · 14-35 psi</li><li>Volts/Amps · 25-30V/2-75A</li></ul>	► Master off
	Pre-Taxi	(ADSB Handheldoff)
▼ Masuer	►FlapsUP, then T/0	. Plan
	as re	Time
Walkaround	► Avionicson/set	▼ Under SeatsCheck
▶ Fuel/0il······ test/sample	► Fuel Totalizer encer ► ATIS PFD/backup/AP(?)	Cover
► Caps/Drains/Vents		
▼ Stall Strips/Fairings	► Transponder ··········· check	► Canpoy/Door lock
► Exhaust/Antennas	▼ CTeck IC/AL/HSIS-711C	oded Engine
▶ Prop/Air Intakes x∃	releas	► Electric Pumpoff ► Mixturelean (full aft)
Fitot/static/stail	Run-Up	id posi
▼ Strucs/IIres/Brakes ▼ Ties/Chocks	▶ Brake ·····set	
► Canopy/Door		ne fires:
)►Final Walkaround	► Canopy/Doorlock	<ul><li>Throttleidle</li><li>Mixtupe pich (papidly)</li></ul>
Pre-Start	o1s	normal
		$\mathbf{H}$
► Kear Doorsecure	: : U	F 4V •
elts	System/Ann.	
.str	■ Ap [TE]/HDG	· 2646/253
t Brkrs ch	:	• Vg
► Strobe (ACL)on	• MFD Range/Track Up ··· set	[/0]
1 Bus	ments	<ul> <li>Approach</li> </ul>
eidle	<ul><li>Lights as required</li><li>(ADSB Handheld on)</li></ul>	· Up · · · · · · · · · · · · · · · · · ·
► Friction adjust		
Battery)	• Fuel Selector ····· fullest	Ξ:
► Rudder Pedals adjust	DZ	• yes 1,1,1, a) 2646-2284 • no 1,08 a) 2535-21,6,1
Selector	<ul><li>Cycle Prop x3 ··· -250~500</li><li>Mags. L/R ··· -1,75, +/-50</li></ul>	94 a <2
Start	late Air	▼  urn: 3U/45/6U~ :: 36/66/63
▶ Throttle······ 1.2"	• Indicators ······ check	

• Pump Off • Lights as required  Climb  T/0: Vy 67-54 KIAS Cruise 76-60 KIAS Cruise 76-60 KIAS • Flaps UP Mixture rich • >5000 hold const. EGT Prop 2400 RPM Throttle green Trim as required High Altitude pump on  Cruise  Flaps UP Throttle 21-247 Prop 120-2400 RPM Mixture • Flaps 1600-2400 RPM Mixture • Flaps 1600-2400 RPM Mixture • Flaps 1600-7500 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 150-4000F  Oil 155-2200F	t Operations  Pre-Takeoff  Nan/Lost Comm.  Door 1  elector full  elector full  nditioner c  Airspeeds  Airspeeds  Camera, Actio  re/Prop/Throttle  Inst. gr  59, then 57  titude  2400
(Air Conditioner Off)  Go Around  Throttle full  Vy 57-54 KIAS Flaps 7/0 Safe Altitude Prop 2400 RPM Pump off Lights as required Cruise Climb  Post-Landing  Throttle lean lean Flaps 1000 RPM Mixture leat 1000 RPM Mixture as required Trim 1000 RPM Clights as required Trim 57/0 Lights as required Transponder as required Transponder as required Clearance obtain  CO Contamination Cabin Heat 57/0 Lights 58/0 Lights 68/0 Captine 69/0 Lights 68/0 Lights 68/0 Captine 77/0 Lights 69/0 L	Descent ture riche bttle as ltitude Cool Down 500F(22.8°C)/n Pre-Landing Fre-Landing Free Selector Mixture Pump Prop Pump Prop Pags as Flaps as
Landing  tor idle cut idle cut  Seat ch  Go (when ak  oor?/Brace  ne Fire  ensured  tor  Landing  Landing  ical Fire  whitch  bartia	fullest  2. Mixture full/check 3. Pump on 4. Alternate Air on 5. Mags. check all 6lide and Trim Airspeed 76-60 KIAS Windmill Landing Site Longer Flow Engine Inst. check Short Flow Mindmill Restart Airspeed 70-80 KIAS Mags. both Mixture lean then slowly richen Stationary Restart Airspeed 80 KIAS Flectrical off