

NORMAL CHECKLIST DA40 D-ELDS

1

OUTSIDE Special: Oil (4,5-6L), Gearbox Oil, 3 Drains, Fuel, Pitot Cover

Rotation Speed **59 kts**

Cockpit Check	
Outside Check	Completed
Doors	Closed & Locked
Documents	onboard
Pedals, Seat Belts	Adjusted and Locked
Brakes	SET
Alternate AIR, STATIC	CLOSED
Electric Master	OFF
Avionic Master	OFF
Essential Bus	OFF
Engine Master	OFF
ECU swap	AUTO
All Light Switches	OFF
Emergency Switch	GUARDED
ELT	ARMED
Circuit Breakers	CKD IN
Pitot Heat	OFF
Fuel Transfer	OFF

END OF CHECKLIST

Starting Engine	
Electric Master	ON
G1000	ACKG
PFD/MFD	Backup mode
MFD - FUEL (Quant/Ter	CKD, RES, TT noted
MFD	ENGINE - SYSTEM
Power lever	IDLE
Strobes	ON
ENGINE MASTER	ON - GLOW
Glow Indication	OFF
Prop Area	CLEAR
Start Key	ENGAGE
Oil pressure	CKD
RPM 890	CKD (+/- 20)
Pitot heat on/off	AMPs checked
PFD/MFD	normal mode

END OF CHECKLIST

Climb Speed **68...73 kts**

After Start Check	
Avionics Master	ON
FMS/COM/NAV	SET
Flaps	CKD, then T/O
Standby Horizon	CKD
Altimeters (3)	____, ____ X-CKD
Autopilot	Tested
Transponder	Code/Mode CKD
Departure Briefing	Completed

END OF CHECKLIST

Taxi Check	
Taxi Light	ON
Brakes	Checked
Flight Controls	Free & Correct
Flight Instruments	T, T, E
Emergency Briefing	Completed

END OF CHECKLIST

Before Take-OFF	
Brakes	Set
Engine Instruments	CKD
Fuel Temp	CKD
Electric Elevator Trim	CKD
Circuit breakers	CKD
Trim & Flaps	CKD T/O
ECU Test	Performed
ECU Swap	ECU B -> AUTO
Fuel quantity	CKD

END OF CHECKLIST

Line Up (Cleared for Take-OFF)	
Landing Lights	ON
Pitot Heat	ON
Transponder	ON/ CODE
Directional Gyro	RWY Heading
Localizer	Centered

END OF CHECKLIST

<p>EMERGENCY BRIEFING</p> <p>In case of engine failure and no runway available</p>	<ul style="list-style-type: none"> - Best Glide Speed 66-72 kts - Land straight ahead - max +/- 30 degrees left or right - Flaps as desired - Electric off - Fuel Valve closed - Unlatch door before impacting 	
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Best Angle of Climb	73 kts	Max. Glide Angle, Best Glide	68...73 kts
Best Rate Of Climb	66 kts		

After T / O	
Flaps	UP
Landing Light	OFF
Altimeters	____,____ X-Checked
Pitot Heat	as required

END OF CHECKLIST

Final	
Landing Light & Taxi	ON
Flaps	T/O / FULL
Target Speed	____ kts

END OF CHECKLIST

Cruise	
Power (65%)	SET
Elevator Trim	Adjust
Fuel transfer	repeat as required

END OF CHECKLIST

After Landing	
Flaps	UP
Pitot Heat	OFF
Landing Light	OFF

END OF CHECKLIST

Approach	
Approach Briefing	Completed
FMS/COM/NAV	SET
Seat Belts	fastened
Fuel Quantitiy	CKD
Fuel Transfer	as required
Vref / V targ	____,____ (z. B. 80 kts)
Altimeters	____,____ / X-CKD
Minimum	____ ft

END OF CHECKLIST

Parking List	
Brakes	SET
Power lever	IDLE for 2 min
ENG/FUEL page	TTL TIME in SVC
Avionic Master	OFF
Electrical Consumers	OFF
Engine Master	OFF
Strobe	OFF
Electric Master	OFF
Interior Light	checked OFF
Start key	removed

END OF CHECKLIST



Weights	
Empty weight	844 kg
Fuel full (30GAL/113,6l)	95,4 kg
Max Weight	1150 kg

Landing Speed	
Flaps up (1000/1150 kg)	68 / 73 kts
Flaps LDG (1000/1150 kg)	63 / 71 kts

Stall Speed	
Clean	52 kt
Flaps T/O	51 kts
Flaps LDG	49 kts

