

NORMAL Checklist

COCKPIT

Pre-Flight Inspection COMPLETE
 Parking Brake SET
 Seat Belts FASTENED
 AVIONIC MASTER OFF

BEFORE STARTING ENGINE

Instrument Panel ... visual check from L to R
 Power Lever IDLE
 Emergency Fuel Transfer NORMAL
 Trim Wheel T/O
 ELECTRIC MASTER (start key) ON
 Strobe Lights ON
Essential Bus check OFF
 Fuel Quantity check
 PFD alerts/warnings check
 Rear Door/Front Canopy .. closed and locked

STARTING ENGINE

Power Lever check IDLE
 ENGINE MASTER ON
 GLOW Indication wait OFF
 Propeller Area CLEAR
 ELECTRIC MASTER (start key) START
 Oil Pressure outside RED within 3s
 Power Lever **IDLE 2 min**
 PFD alerts/warnings check

AFTER STARTING ENGINE

AVIONIC MASTER ON
 Altimeters (3) set
 Standby Horizont check
 COM & NAV setup
 Amperemeter check
 Voltmeter check
 Transponder check CODE / MODE
 Circuit Brakers check pressed in
 Taxi Lights as needed

TAXI

Brakes check
 Flight Instruments check

ENGINE CHECK

Parking Brakes SET
 Engine Instruments **all GREEN**
 1. ECU Test Button PRESS and HOLD
 when alerts/warnings OFF RELEASE
 2. ECU SWAP ECU "B"
 ECU SWAP AUTOMATIC
 Alternate Air check

BEFORE TAKE-OFF

Flaps T/O
 Flight Controls free and coordinated
 PFD alerts/warnings check
 Pitot Heat as needed
 Landing Light as needed

LINE UP

1. Power Lever 10 s MAX
 RPM **2240 to 2300 RPM**
 V_R 59 KIAS (1150 kg)
 V_Y 66 KIAS (1150 kg)

AFTER TAKE-OFF

$V_{cruise\ climb}$ 73 KIAS (1150 kg)
 FLAPS UP
 Landing Lights OFF
 Altimeters (3) set

FUEL TRANSFER

Fuel Transfer as needed

MANUFACTURER'S INDICATIONS MUST BE OBSERVED !!

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LANDING

Landing Briefing	COMPLETE
Altimeters (3)	set
Landing Light	ON
MAIN Tank	check
V _{downwind}	suggested: 90 KIAS
Flaps	T/O

FINAL

V _{normal lading}	71 KIAS (1150 kg)
Flaps	LDG

AFTER LANDING

Flaps	UP
Pitot Heat	OFF
Landing Light	OFF
Taxi Light	as needed

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ENGINE SHUT-DOWN

Parking Brakes	SET
Taxi Lights	OFF
Power Lever	IDLE 2 min
Engine / Fuel page	TTL noted
Hobbes Meter	noted
AVIONIC MASTER	OFF
ENGINE MASTER	OFF

PARKING

Strobe Lights	OFF
ELECTRIC MASTER (start key)	OFF
Interior Lights	check OFF
Start key	REMOVED

Speed	IAS	Note
V _A	above 980 kg: 108 (up to 980 kg: 94)	Manoeuvring speed
V _{FE}	LDG: 91 T/O: 108	Max. flaps extended speed
V _{NO}	129	Max. structural cruising speed
V _{NE}	178	Never exceed speed in smooth weather

SPEED FOR NORMAL OPERATIONS

Flight Mass	1000 kg	1092 kg	1150 kg
Nose wheel lift-off speed / Rotation speed (V _R) (Flaps T/O)	55	-	59
Take-off climb speed / Best rate-of-climb (V _Y) (Flaps T/O)	60	-	66
Cruise climb speed (Flaps UP)	68	-	73
Approach speed (Flaps LDG)	63	67	71

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