

NORMAL Checklist

COCKPIT

Pre-Flight Inspection COMPLETE
 Parking Brake SET
 Seat Belts FASTENED
 AVIONIC BUS 1 & 2 OFF

BEFORE STARTING ENGINE

Instrument Panel visual check from L to R
 1. Power Lever IDLE
 2. Fuel Selector BOTH
 3. Fuel SHUTOFF OPEN (pressed in)
 Trim Wheel set for T/O
 SBY Battery..... Test 20 s
MASTER (ALT - BAT) ON
 Strobe Lights ON
 Fuel Quantity check
 PFD alerts/warnings check
 Doors closed and locked

STARTING ENGINE

Power Lever check IDLE
 ENGINE MASTER ON
 GLOW Indication wait OFF
 Propeller Area CLEAR
 START Button..... PRESS
 Oil Pressure Outside RED within 3 s
 CED / AED Lights Test, than OFF
 Power Lever **IDLE 2 min**

AFTER STARTING ENGINE

AVIONIC BUS 1 & 2 ON
 Amperemeter charging (+)
 Voltmeter 28/29 V
 SBY Battery..... ARM
 Altimeters (3) set
 COM / NAV / FMS setup
 Transponder check CODE / MODE
 Circuit Brakers check pressed in

TAXI

Brakes check
 Flight Instruments check

ENGINE CHECK

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

BEFORE TAKE-OFF

Flight Controls free and coordinated
 Flaps 0° / 10°
 FADEC & PFD alerts/warnings check
 Pitot Heat as needed
 Landing Light as needed
 Fuel pump ON
 Parking Brakes RELEASE

- LINE UP -

1. Power Lever 10 s MAX
 RPM **2240 to 2300 RPM**
 Power **between 90% and 100%**
 Parking Brakes RELEASE

V_R (1111 kg) 55 KIAS

AFTER TAKE-OFF

V_{CLIMB} (1111 kg) 70 - 80 KIAS
 FLAPS UP
 Fuel pump (300 ft AGL) OFF
 Landing Lights OFF

FUEL MANAGEMENT

Fuel Selector Switch every 30 min

For reference only. Read P.O.H. !

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BEFORE LANDING

Fuel Pump	ON
Fuel Selector	BOTH
Landing Light	ON
V _{approach}	90 KIAS
Flaps	10°
V _{downwind} - FLAPS 10°	80 KIAS
Flaps	20°
V _{base} - FLAPS 20°	70 KIAS

LANDING (final)

Flaps	30°
V _{final} - FLAPS 30°	65 KIAS

AFTER LANDING

Fuel pump	OFF
Flaps	UP
Pitot Heat	OFF
Taxi / Landing Light	as needed

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ENGINE SHUT-DOWN

Parking Brakes	SET
Power Lever	IDLE 2 min
Taxi / Landing Lights	OFF
Hobbs / TTL Time	noted
1. AVIONIC BUS 1 & 2	OFF
2. SBY Battery	OFF
3. ENGINE MASTER	OFF
4. Strobe Lights	OFF
5. MASTER (ALT - BAT)	OFF

PARKING

Interior Lights	check OFF
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Speed	IAS	Note
V _A	at 1111 kg: 103 (at 999 kg: 98)	Maneuvering speed
V _{FE}	20°-30°: 85 10°: 110	Max. flaps extended speed
V _{NO}	129	Max. structural cruising speed
V _{NE}	163	Never exceed speed

SPEED FOR NORMAL OPERATIONS [KIAS]

Flight Mass			1111 kg
Nose wheel lift-off speed / Rotation speed (V _R)			55
Take-off climb speed / Best rate-of-climb (V _Y) (Flaps 10°)			74
Cruise climb speed (Flaps 0°)			75 - 85
Approach speed (Flaps 20°-30°)			65

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