

## NORMAL Checklist

### COCKPIT

Pre-Flight Inspection ..... COMPLETE  
 Papers ..... ABOARD  
 Parking Brake ..... SET  
 CANOPY/DOORS ..... CLOSED  
 Seat Belts ..... FASTENED  
**AVIONIC MASTER ..... OFF**  
**ALL ELECTRICS ..... OFF**  
 ECU SWAP ..... AUTO  
 Electric Master ..... ON  
 Circuit Breakers ..... CHECKED

### BEFORE STARTING ENGINE

Annunciator Lights ..... CHECKED / RESET  
 Alternate Air ..... OFF  
 Fuel Valve ..... NORMAL POSITION  
 Strobe Lights ..... ON

### STARTING ENGINE

Propeller Area ..... CLEAR  
 Power Lever ..... IDLE  
 ENGINE MASTER ..... ON  
 Engine Instrument ..... CHECKED  
 GLOW Indication ..... wait OFF  
 START Key ..... START  
 Oil Pressure ..... Outside RED within 3 s  
 CED / AED Lights ..... TEST, than OFF  
 Amperemeter/Voltmeter ..... CHARGING (+)  
 RPM 890 +/- 20 ..... CHECKED  
 Fuel Quantity ..... CHECKED  
**Power Lever ..... IDLE 2 min**

### AFTER STARTING ENGINE

Avionic Master ..... ON  
 Annunciator Lights ..... CHECKED  
 Horizon ..... CHECKED  
 Altimeters (3) ..... SET  
 COM / NAV / FMS ..... SET  
 Circuit Breakers ..... CHECK PRESSED IN  
 ATIS ..... COPIED

### TAXI

Brakes ..... CHECKED  
 Flight Controls ..... FREE & COORDINATED  
 Flight Instruments ..... CHECKED  
 Flaps ..... CHECKED

### ENGINE CHECK

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

### BEFORE TAKE-OFF

Engine Instruments ..... CHECKED  
 Flaps ..... T/O  
 Trim ..... T/O  
 Pitot Heat ..... AS NEEDED  
 Landing Light ..... AS NEEDED  
 NAV Setting ..... COMPLETED  
 T/O Briefing ..... COMPLETED  
 Parking Brakes ..... RELEASE

### LINE UP

Transponder ..... / ALT  
**Power Lever ..... 10 s MAX**  
**RPM ..... 2240 to 2300 RPM**  
**Power ..... between 90% and 100%**  
**V<sub>R</sub> (1150kg) ..... 59 KIAS**

### AFTER TAKE-OFF

V<sub>CLIMB</sub> (1150 kg) ..... 70 - 80 KIAS  
 FLAPS ..... UP  
 Landing Lights ..... OFF

### FUEL MANAGEMENT

Fuel Pump ..... MONITOR BALANCE

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### BEFORE LANDING

Landing Light ..... ON  
**V approach ..... 90 KIAS**  
**Flaps ..... APR**  
**Vdownwind - FLAPS APP. .... 80 KIAS**  
**Flaps ..... LDG**  
**Vbase - FLAPS LDG ..... 70 KIAS**

### LANDING (final)

Flaps ..... LDG  
**V final - FLAPS LDG ..... 65 KIAS**

### AFTER LANDING

Flaps ..... UP  
 Pitot Heat ..... OFF  
**Taxi / Landing Light ..... as needed**

### PARKING

Interior Lights ..... CECKED OFF

Speed	IAS	Note
<b>V<sub>A</sub></b>	at 1150 kg: <b>108</b> (at 980 kg: 94)	Manovering speed
<b>V<sub>FE</sub></b>	<b>LDG: 91</b> <b>T/O: 108</b>	Max. flaps extended speed
<b>V<sub>NO</sub></b>	<b>129</b>	Max. structural cruising speed
<b>V<sub>NE</sub></b>	<b>178</b>	Never exceed speed



### SPEED FOR NORMAL OPERATIONS [KIAS]

Flight Mass	980 kg	1000 kg	1150 kg
Nose wheel lift-off speed / Rotation speed (V <sub>R</sub> )	<b>54</b>	<b>55</b>	<b>59</b>
Take-off climb speed / Best rate-of-climb (V <sub>x</sub> ) (Flaps T/O)	<b>59</b>	<b>60</b>	<b>66</b>
Cruise climb speed (Flaps up) (V <sub>y</sub> )	<b>78</b>	<b>78</b>	<b>78</b>
Approach speed (Flaps T/O) <b>plus halber Böensprung</b>	<b>59</b>	<b>60</b>	<b>66</b>
Best Glide	(850kg) <b>60</b>	(1000kg) <b>68</b>	(1150kg) <b>73</b>

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