

| BEFORE STARTING ENGINE              |                     |
|-------------------------------------|---------------------|
| Pre-flight inspection.....          | Completed           |
| Ship's papers / journal / keys..... | On Board            |
| Loose objects.....                  | Stowed              |
| Canopy.....                         | Closed & Locked     |
| Parking brake.....                  | Set                 |
| Flaps.....                          | UP                  |
| Trim.....                           | Checked and Set T/O |
| Controls.....                       | Free & Easy         |
| Seats.....                          | Adjusted & Locked   |
| Seatbelt & harnesses.....           | Fastened            |
| Passenger briefing.....             | Completed           |

  

| START - UP                            |                  |
|---------------------------------------|------------------|
| All switches except strobe.....       | OFF              |
| Battery switch.....                   | ON               |
| CED lights autotest.....              | Monitored        |
| Circuitbreakers.....                  | All IN           |
| Warning panel lights.....             | Tested & Set Day |
| Fuel quantity / fuel temperature..... | Checked          |

  

|                              |          |
|------------------------------|----------|
| Fuel selector.....           | ON       |
| Electric fuel pump.....      | ON       |
| Alternate induction air..... | Closed   |
| Power lever.....             | IDLE     |
| Power lever friction .....   | Set      |
| Strobe light.....            | ON       |
| Key .....                    | Inserted |

  

|                            |                           |
|----------------------------|---------------------------|
| Outside.....               | CLEAR                     |
| Engine Master switch.....  | ON                        |
| FADEC lights A and B ..... | OFF                       |
| Glow controle light.....   | Wait until OFF            |
| Key / starter.....         | Start engine >500 RPM     |
| Oil pressure (OP).....     | In 3 sec in amber / green |
| RPM.....                   | ± 890 rpm                 |

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|   |
|---|
| <p><b>First flight of the day</b></p> <p><b>Backup Fadec Battery Check</b></p> <p>Alternator.....CB Pull / Switch Off</p> <p>Battery.....OFF for min. 10 seconds, Engine must operate normally,the red FADEC lamps OFF</p> <p>Battery .....ON</p> <p>Alternator..... CB In / Switch On</p>  |
| <p>Avionics Master switch.....ON</p> <p>CED.....Checked / Acknowledged</p> <p>Warning panel lights.....All OFF</p> <p>Electric fuel pump.....OFF</p> <p>Flight Instruments, QNH / Alt/Hdg.....Set</p> <p>Radio equipment, COM / NAV.....Set</p>   |
| <p><b>TAXI</b></p>  |
| <p>Taxi / Navigation lights.....As required</p> <p>Parking brake.....Released</p> <p>If OT or CT in <b>amber</b>:.....Max 1400 rpm</p> <p>Brakes idle power .....Checked</p> <p>Gyro's &amp; Compass.....Checked</p>  |
| <p><b>ENGINE RUN-UP</b></p>   |
| <p>Nose wheel.....Aligned</p> <p>Parking brake .....Set</p> <p style="text-align: center;"><b>FADEC self-check</b></p> <p>Power.....IDLE</p> <p>FADEC lights.....Both OFF</p> <p>FADEC test button.....Press &amp; Hold</p> <p>FADEC lights.....Both <b>A</b> and <b>B</b> ON</p> <p>.....Only <b>B</b> on, then only <b>A</b> ON</p> <p>RPM stabilized at ± 890 .....Release test button</p> |

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| BEFORE TAKE/OFF                  |                         |
|----------------------------------|-------------------------|
| Warning panel lights.....        | All OFF                 |
| Flight instruments.....          | Checked                 |
| Fuel pump.....                   | ON                      |
| Voltmeter.....                   | in green                |
| CED.....                         | All in green            |
| Flaps.....                       | 1 <sup>st</sup> notch   |
| Trim.....                        | Check T/O               |
| Flight controls.....             | Free & Easy             |
| Seatbelt & harnesses.....        | Fastened                |
| Canopy.....                      | Closed / Locked         |
| Crew-briefing TO / DEP.....      | Completed               |
| Landing Light.....               | On                      |
| Transponder.....                 | ALT                     |
| LINE UP / T/O APPROVED           |                         |
| Pitot heat.....                  | As required             |
| Parking brake.....               | Released                |
| TAKE-OFF                         |                         |
| RWY / Wind direction.....        | Checked                 |
| Power.....                       | FULL = 100%             |
| CED.....                         | All in green / 2300 rpm |
| Rotate.....                      | 55-60 kts               |
| Best climb angle/rate.....       | 65 kts / 78 kts         |
| 200' Flaps.....                  | UP                      |
| Trim.....                        | Set                     |
| 1000' Fuel pump.....             | OFF                     |
| CRUISE                           |                         |
| Fuel quantity / temperature..... | Checked                 |
| Radio equipment, COM / NAV ..... | Set                     |
| Engine .....                     | CED All in green        |
| Directional Gyro.....            | Checked                 |
| Altimeter.....                   | set QNH                 |

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| BEFORE ENTRY POINT / CTR                            |                       |
|---|-----------------------|
| ATIS / Landing Info.....                            | Received              |
| Altimeters.....                                     | QNH                   |
| Radio equipment COM/NAV.....                        | Set                   |
| CED.....  | All in <b>Green</b>   |
| Landing light.....                                  | ON                    |
| Passenger / Crew briefing.....                      | Completed             |
| DOWNWIND  |                       |
| 1 Power.....  | ±50%                  |
| 2 Flaps, white arc.....                             | 1 <sup>st</sup> notch |
| 3 Fuel / Fuelpump.....                              | Check                 |
| 4 CED.....  | All in <b>Green</b>   |
| 5 Brakes.....                                       | Pressure              |
| 6 Seat Belts.....                                   | Fastened              |
| CIRCUIT <small>referential speed / settings</small> |                       |
| Down wind Speed.....                                | 80 kts                |
| Flaps, white arc.....                               | 1 <sup>st</sup> notch |
| Base Speed.....                                     | 75 kts                |
| Final Flaps.....                                    | FULL                  |
| Speed.....  | Minimaal 65 kts       |
| Rwy.....  | Clear                 |
| AFTER LANDING                                       |                       |
| Flaps.....  | UP                    |
| Fuel pump.....                                      | OFF                   |
| Landing light / Pitot heat.....                     | OFF                   |
| Taxi / Navigation lights.....                       | As required           |
| ENGINE SHUT-DOWN                                    |                       |
| Power.....  | IDLE for 1 minute     |
| Parking brake.....                                  | Set                   |
| Taxi / Navigation lights except strobe.....         | OFF                   |
| Avionics Master switch.....                         | OFF                   |
| Engine Master switch.....                           | OFF                   |
| Keys.....   | Removed               |
| Battery switch .....                                | OFF                   |
| G5's.....   | NOT on battery        |
| Flaps.....  | DOWN                  |
| Hobbsmeter .....                                    | Time                  |