

## C152 GROUND PROCEDURES

### DISPATCH

Weather ..... **BRIEF**  
NOTAMs ..... **CHECK**  
W&B ..... **CHECK**  
Perf. Reqs. .... **CHECK**  
Squawks ..... **CHECK**

### PREFLIGHT INSPECTION

Fuel .... **DRAIN, CHECK**  
AV1ATE ..... **CHECK**  
AROW ..... **CHECK**  
Avionics ..... **OFF**  
Master ..... **ON**  
Fuel Gauge ..... **TRUE**  
Flaps ..... **EXTEND**  
Electrics ..... **TEST**  
Electrics ..... **OFF**  
Master ..... **OFF**  
Oil ..... **6-8 qts**  
Exterior ..... **CHECK**  
Ties/Chocks ... **REMOVE**  
Baggage ..... **CHECK**  
Walkaround .. **EXECUTE**  
Seat ..... **ADJUST**

### BEFORE START

Preflight            Inspection  
**Complete**  
Passengers ..... **BRIEF**  
Seats and belts **ADJUST**  
**& LATCH**  
Fuel Selector ..... **ON**  
Mixture ..... **RICH**  
Throttle ..... **OPEN 1/2"**  
Carb Heat ..... **COLD**  
Circuit Breakers **CHECK**  
**IN**  
Electrical Switches . **OFF**  
Beacon ..... **ON**  
Avionics ..... **OFF**

### ENGINE START

Master Switch ..... **ON**  
Prime ... **AS REQUIRED**  
Clear Prop . **ANNOUNCE**  
Starter ..... **ENGAGE**  
Throttle ..... **1000 RPM**  
Oil Pressure .... **CHECK**  
Nav Lights ..... **AS**  
**REQUIRED**

Avionics ..... **ON**

### AXI AWAY FROM HAZARD

### AFTER START

Flaps ..... **RETRACT**  
Mixture **LEAN FOR TAXI**  
Radios ..... **SET**  
ATIS ..... **GET**  
Barometer ..... **SET**  
Taxi Diag. .... **OPEN**

### TAXI

Brakes ..... **TEST**  
Controls ..... **WIND**  
Taxi Turns .... **EXECUTE**

### SWITCH TO FLIGHT

### SHUTDOWN

Brakes ..... **SET**  
Avionics ..... **OFF**  
Electrical ..... **OFF**  
Beacon ..... **ON**  
Throttle ..... **1000 RPM**  
Mixture ..... **IDLE C/O**  
Mags ..... **OFF**  
Master ..... **OFF**  
Control Lock ... **INSTALL**  
Flight Plan ..... **CLOSE**

## C152 FLIGHT PROCEDURES

### TAKEOFF BRIEF

Runway .....**CHECK**  
HI .. **SET TO COMPASS**  
Crosswind ..... **CHECK**  
Abort Speed ..... **NOTE**  
Technique ..... **NOTE**  
Flaps ..... **SET**  
Min. Ret. Alt. .... **NOTE**  
Best Glide ..... **60-70**  
Time ..... **NOTE**  
Mixture .. **BEST POWER**

### BEFORE TAKEOFF

Doors & Windows  
**CLOSED**  
Flight Controls .. **FREE & CORRECT**  
Fuel Selector ..... **ON**  
Trim ..... **TAKEOFF**  
Mixture ..... **RICH**  
Throttle ..... **1700 RPM**  
Carb Heat ..... **CHECK**  
Mags ..... **CHECK**  
Primer ... **IN & LOCKED**  
Vaccum ..... **CHECK**  
Low Vac Light ..... **OUT**  
Low Volt Light ..... **OUT**  
Ammeter/Voltmeter  
**CHECK**

Oil Temp ..... **CHECK**  
Oil Pressure .... **CHECK**  
Fuel Quantity ... **CHECK**  
EGT ..... **CHECK**  
Throttle .. **Idle 1000 RPM**  
Flight Instruments  
**CHECK & SET**

Radios ..... **SET**  
Transponder ..... **SET**  
Flaps ..... **SET**  
Strobe ..... **ON**  
Landing Light ..... **ON**

### TAKEOFF & CLIMB

Throttle ..... **FULL**  
Flaps ..... **UP**  
Engine Inst. .. **MONITOR**

### CRUISE

Throttle ..... **SET**  
Mixture ..... **LEAN**

Trim ..... **ADJUST**  
Engine Instr. .... **CHECK**

### BEFORE LANDING

Fuel Selector ..... **ON**  
ATIS ..... **GET**  
Barometer ..... **SET**  
Tower ..... **CONTACT**  
Mixture ..... **RICH**  
Carb Heat ..... **AS REQUIRED**  
Landing Lights ..... **ON**  
Seat Belts ... **ADJUST & LOCK**

### AFTER LANDING

Flaps ..... **UP**  
Mixture ..... **LEAN**  
Carb Heat ..... **COLD**  
Strobe ..... **OFF**  
Nav Lights ..... **AS REQUIRED**  
Landing Light ..... **AS REQUIRED**  
Radios ..... **SET**  
Taxi Diag. .... **OPEN**

### SWITCH TO GROUND

#### TAKEOFF CFGS

#### NORMAL

Flaps ..... **UP**  
Rotate ..... **55**  
Climb ..... **74**

#### SHORT

Flaps ..... **10**  
Brakes ..... **SET**  
Climb ..... **56 TO 50'**  
Flaps ..... **UP**

#### SOFT

Flaps ..... **10**  
Nosewheel ..... **LIGHT**  
Ground Effect ..... **60**  
Climb ..... **65**  
Flaps ..... **UP**

#### APPROACH CFGS

#### NORMAL/SOFT

Flaps ..... **FULL**  
Speed ..... **65**

### SHORT

Flaps ..... **FULL**  
Speed ..... **60**