

# CITABRIA 7ECA GROUND PROCEDURES

## DISPATCH

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

## INSPECTION

Fuel ..... **DRAIN, CHECK**  
 AV1ATE ..... **CHECK**  
 AROW ..... **CHECK**  
 Mags ..... **OFF**  
 Fuel Gauges ..... **TRUE**  
 Fuel Shutoff ..... **IN**  
 ELT ..... **ARMED**  
 Oil ..... **6 qts**  
 Exterior ..... **CHECK**  
 Ties/Chocks ..... **REMOVE**  
 Walkaround ..... **EXECUTE**

## START

Passengers ..... **BRIEF**  
 Seatbelts ..... **CHECK**  
 Fuel Shutoff ..... **IN**  
 Brakes ..... **SET**  
 Electrical ..... **OFF**  
 Door ..... **CLOSED**  
 Carb. Heat ..... **OFF**  
 Mixture ..... **RICH**  
 Gas ..... **ON**

## HOT: SKIP PRIME

Prime ..... **2x**  
 Master Switch ..... **ON**  
 Ignition Switch ..... **ON**  
 Throttle ..... **SLIGHT**  
 Brakes ..... **SET**  
 Clear Prop ..... **ANNOUNCE**  
 Engine ..... **START**  
 Throttle ..... **1000 RPM**  
 Lights ..... **ON**  
 Radios ..... **SET**  
 ATIS ..... **GET**  
 Barometer ..... **SET**  
 XPDR ..... **SET**  
 Taxi Diag. .... **OPEN**

## TAXI

Brakes ..... **TEST**  
 Controls ..... **WIND**

Taxi Turns ..... **EXECUTE**

## RUNUP

Brakes ..... **SET**  
 Controls ..... **CORRECT**  
 Trim ..... **TAKEOFF**  
 Flight Inst. .... **CHECK**  
 Fuel Shutoff ..... **IN**  
 Mixture ..... **RICH**  
 Throttle ..... **1800 RPM**  
 Mags ..... **CHECK**  
 Carb ..... **CHECK**  
 Engine Inst. .... **CHECK**  
 Throttle ..... **1000 RPM**  
 Doors ..... **CLOSED**  
 Seatbelts ..... **CHECK**  
 Throttle Friction ..... **SET**

## SWITCH TO FLIGHT

## SHUTDOWN

XPDR ..... **SET**  
 Brakes ..... **SET**  
 Electrical ..... **OFF**  
 Mixture ..... **IDLE C/O**  
 Mags ..... **OFF**  
 Master ..... **OFF**  
 Flight Plan ..... **CLOSE**

## SECURING

Lap Belt ..... **STICK**  
 Hobbs/Tach ..... **NOTE**  
 Squawks ..... **NOTE**  
 Sun Shade ..... **REPLACE**  
 Pitot Cover ..... **REPLACE**  
 Wheels ..... **CHOCK**  
 Ties ..... **TIE**  
 Doors ..... **LOCK**

## FIRE ON START

## IF START

Run ..... **5 sec**  
 Mixture ..... **IDLE C/O**  
 Evacuage ..... **GO**

## IF NO START

Crank ..... **CONTINUE**  
 Mixture ..... **IDLE C/O**  
 Throttle ..... **FULL**  
 Fuel Shutoff ..... **OUT**  
 Evacuage ..... **GO**

# CITABRIA 7ECA FLIGHT PROCEDURES

## TAKEOFF BRIEF

Runway .....**CHECK**  
 Crosswind .....**CHECK**  
 Abort Speed .....**NOTE**  
 Technique .....**NOTE**  
 Min. Ret. Alt. ....**NOTE**  
 Best Glide .....**NOTE**  
 Time .....**NOTE**  
 Mixture .....**RICH**

## CLIMB

Throttle .....**OPEN**

## IF BELOW 5000

Mixture .....**RICH**  
 Engine Inst. ....**CHECK**  
 Speed .....**75-80**  
 Best Rate .....**69**  
 Best Angle .....**58**

## PRE-DESCENT

Engine Inst. ....**CHECK**  
 ATIS .....**GET**  
 Barometer .....**SET**  
 Tower .....**CONTACT**  
 Mixture .....**ENRICH**  
 Lights .....**ON**

## AFTER LANDING

Trim .....**TAKEOFF**  
 Mixture .....**LEAN**  
 Taxi Diag. ....**OPEN**  
 Carb. Heat .....**OFF**

## SWITCH TO GROUND

### TAKEOFF CFGS

#### NORMAL

Rotate .....**55**  
 Climb .....**75**

#### SHORT

Rotate .....**50**  
 Climb .....**58**

#### SOFT

Attitude .....**TAIL LOW**  
 Rotate .....**55**  
 Liftoff .....**ASSIST**  
 After Liftoff .....**LEVEL**  
 Climb .....**75**

### APPROACH CFGS

#### NORMAL/SHORT

Speed .....**60-70**  
 Landing .....**MAINS**

#### SOFT

Speed .....**60-70**  
 Landing ...**FULL STALL**

#### LOW VOLTAGE

Master .....**CYCLE**  
 Nonessentials .....**OFF**  
 Flight .....**TERMINATE**

#### OVERVOLTAGE

Master .....**CYCLE**  
 Flight .....**TERMINATE**

#### ENGINE FAILURE

Best Glide .....**65 min**  
 Fuel Shutoff .....**ON**  
 Throttle .....**HALF**  
 Throttle .....**FULL**  
 Mixture .....**VARY**  
 Primer .....**TRY**  
 Carb. Heat .....**ON**  
 Mags .....**TEST BOTH**

#### IF NO RESTART

Squawk .....**7700**  
 Emergency ..**DECLARE**  
 Fuel Shutoff .....**OUT**  
 Mixture .....**IDLE C/O**  
 Mags .....**OFF**  
 Landing .....**EXECUTE**

#### ENGINE FIRE

Mixture .....**IDLE C/O**  
 Fuel Shutoff .....**OUT**  
 Switches .....**ALL OFF**  
 Cabin Heat .....**OFF**  
 Extinguisher .....**USE**  
 Flight .....**TERMINATE**

#### ELECTRICAL FIRE

Electrical .....**OFF**  
 Vents .....**OPEN**  
 Extinguisher .....**USE**

#### IF FIRE CONTINUES

Flight .....**TERMINATE**

## NOTES

- All airspeeds in MPH
- Carb. heat always on if icing suspected, indicated by gradual loss of RPM
- Only use rudder on takeoff and landing (no brakes)
- Mixture should be leaned at any altitude when under 75% power. Lean until engine roughness, then enrichen to smoothness.