

## CITABRIA 7ECA GROUND PROCEDURES

### DISPATCH

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

### INSPECTION

Fuel .... **DRAIN, CHECK**  
AV1ATE ..... **CHECK**  
AROW ..... **CHECK**  
Mags ..... **OFF**  
Fuel Gauges ..... **TRUE**  
Fuel Shutoff ..... **IN**  
Master ..... **ON**  
Lights ..... **CHECK**  
Stall Horn ..... **CHECK**  
Master ..... **OFF**  
ELT ..... **ARMED**  
Oil ..... **5-6 qts**  
Exterior ..... **CHECK**  
Ties/Chocks .. **REMOVE**  
Walkaround .. **EXECUTE**

### START

Passengers ..... **BRIEF**  
Seatbelts ..... **CHECK**  
Stick ..... **FULL AFT**  
Breakers ..... **CHECK**  
Fuel Shutoff ..... **IN**  
Electrical ..... **OFF**  
Door ..... **CLOSED**  
Carb. Heat ..... **COLD**  
Mixture ..... **RICH**

### HOT: SKIP PRIME

Prime ..... **4x**  
Primer ..... **LOCKED**  
Master Switch ..... **ON**  
Mags ..... **ON**  
Throttle ..... **SLIGHT**  
Brakes ..... **SET**  
Clear Prop .. **ANNOUNCE**  
Starter ..... **PUSH**  
Throttle ..... **1000 RPM**  
Oil Pressure .... **CHECK**  
Ammeter ..... **CHECK**  
Mixture ..... **LEAN**  
Lights ..... **ON**

Radios ..... **SET**  
ATIS ..... **GET**  
Barometer ..... **SET**  
XPDR ..... **SET**  
Taxi Diag. .... **OPEN**

### TAXI

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

### RUNUP

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

### SWITCH TO FLIGHT

### SHUTDOWN

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

### SECURING

Front Lap Belt . **AROUND STICK**  
Back Lap Belt . **BUCKLE**  
Hobbs/Tach ..... **NOTE**  
Squawks ..... **NOTE**  
Sun Shades .. **REPLACE**  
Wheels ..... **CHOCK**  
Tail Wheel ... **REORIENT**  
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 .. **BEST POWER**

## CLIMB

Throttle .....**OPEN**

## IF BELOW 5000

Mixture .. **BEST POWER**  
 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

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

## SWITCH TO GROUND

### TAKEOFF CFGS

#### NORMAL

Rotate .....**55**  
 Climb ..... **69**

#### SHORT

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

#### SOFT

Attitude ..... **TAIL LOW**  
 After Liftoff ..... **LEVEL**  
 Climb ..... **75**

## APPROACH CFGS

### NORMAL

Speed ..... **60-65**  
 Landing ... **FULL STALL**

### WHEEL

Speed ..... **65-70**  
 Landing ..... **MAINS**  
 Stick ..... **FORWARD**

### LOW VOLTAGE

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

### OVERVOLTAGE

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

### ENGINE FAILURE

Best Glide .....**65**  
 Fuel Shutoff ..... **ON**  
 Throttle ..... **HALF**  
 Throttle ..... **FULL**  
 Mixture ..... **VARY**  
 Primer ..... **TRY**  
 Carb. Heat ..... **HOT**  
 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
- Use only 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.

## IMPORTANT NUM.

$V_{rotate}$  .....**60**  
 $V_x$  .....**58**  
 $V_y$  .....**69**  
 $V_a$  ..... **120**  
 $V_{no}$  .....**120**  
 $V_{ne}$  .....**162**  
 Best Glide ..... **65**  
 Max Gross ..... **1800**  
 Max Crosswind ..... **15**  
 Fuel ..... **35**