

CITABRIA 7ECA GROUND PROCEDURES

DISPATCH

Weather **BRIEF**
NOTAMs **CHECK**
W&B **CHECK**
Perf. Reqs. **CHECK**
Squawks **CHECK**
Illness **CHECK**
Medication **CHECK**
Stress **CHECK**
Alcohol **CHECK**
Fatigue **CHECK**
Eating **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 **6 qts**
Exterior **CHECK**
Ties/Chocks .. **REMOVE**
Walkaround .. **EXECUTE**

START

Passengers **BRIEF**
Seatbelts **CHECK**
Stick **FULL AFT**
Breakers **CHECK**
Fuel Shutoff **IN**
Brakes **SET**
Electrical **OFF**
Door **CLOSED**
Carb. Heat **OFF**
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

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**
Doors **CLOSED**
Seatbelts **CHECK**

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

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

SWITCH TO GROUND

TAKEOFF CFGS

NORMAL

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

SHORT

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

SOFT

Attitude**TAIL LOW**
 After Liftoff**LEVEL**
 Climb**69**

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**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.

IMPORTANT NUM.

V_{rotate} **60**
 V_x **58**
 V_y **75**
 V_a **120**
 V_{no} **120**
 V_{ne} **162**
 Best Glide**65**
 Max Gross**1800**
 Max Crosswind**15**
 Fuel**35**