

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 **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 **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 **69**
 V_a **120**
 V_{no} **120**
 V_{ne} **162**
 Best Glide **65**
 Max Gross **1800**
 Max Crosswind **15**