

## TAKEOFF

THROTTLE.....FULL  
ENGINE INSTRUMENTS.....CHECK  
ROTATE AT 57 KTS, ESTABLISH Vy/Vx  
CLIMB SPEED AS APPROPRIATE

## CLIMB

*WHEN LEAVING THE PATTERN*

CRUISE CLIMB.....80KTS  
FLAPS.....UP  
LANDING LIGHT.....OFF

## CRUISE

POWER.....SET  
MIXTURE.....LEAN AS REQ  
INSTRUMENTS.....CHECK

## APPROACH

*15 NM FROM AIRPORT*

ATIS/AWOS.....CHECK  
APPROACH BRIEF.....COMPLETE  
APPROACH PROC.....LOAD  
DEST ALTIMETER.....SET  
CTAF/TWR FREQ.....LOAD  
MIXTURE.....RICH IN DESCENT  
CARB HEAT.....ON IN DESCENT  
LANDING LIGHT.....ON  
SEAT BELTS.....FASTENED

## PRE-LANDING

POWER.....REDUCE  
FLAPS.....SET  
MIXTURE.....RICH  
CARB HEAT.....ON  
FUEL SELECTOR.....BOTH

## GO AROUND

POWER.....FULL  
CLIMB.....ACCOMPLISH  
FLAPS.....RETRACT IN CLIMB  
NOTIFY ATC OR MAKE CALL ON CTAF

## AFTER LANDING

*ONCE AIRCRAFT IS STOPPED*

FLAPS.....UP  
CARB HEAT.....OFF  
LANDING LIGHT.....OFF  
TAXI LIGHT.....ON  
PITOT HEAT.....OFF  
MIXTURE.....LEAN FOR TAXI  
TRIM.....TAKEOFF  
(IF IFR) FLIGHT PLAN.....CANCEL

## SECURING

XPDR CODE.....1200  
AVIONICS.....OFF  
MIXTURE.....CUTOFF  
MAGS.....OFF  
LIGHTS.....OFF  
BATT MASTER/ALT.....OFF  
FUEL SEL.....LEFT TANK  
HOBBS/TACH.....RECORD  
CONTROLS.....LOCK  
TIEDOWNS.....REPLACE  
PITOT COVER.....INSTALL  
DOORS.....CHECK SECURE  
*ENSURE ALL ITEMS ARE REMOVED*

**REMEMBER TO CLOSE YOUR FLIGHT PLAN**

### AIRCRAFT V SPEEDS (KIAS)

Vr - 57 Vx- 62 Vy - 73 Vso - 40 Vs - 50  
Vg - 70 Va - 105 Vno - 127 Vne - 158  
Vfe (10/20) - 110/85 Vappch - 75

**CSAC Front Desk: 281-993-1151**

LVJ CTAF: 122.725      LBX CTAF: 123.0  
LVJ ASOS: 118.525      LBX ASOS: 119.925  
APP/DEP: 134.45      APP/DEP: 134.45  
CLNC DEL: 124.0      CLNC DEL: 125.2  
PRACTICE AREA: 123.5



## NORMAL CHECKLIST N5384K

## PREFLIGHT

WEATHER BRIEF.....OBTAIN  
TOL/CRUISE FIGURES.....COMPUTE  
MX INSPECTIONS.....VERIFY  
FLIGHT PLAN.....FILE  
ACFT. DOCUMENTS.....INSPECT  
TIE DOWNS/COVERS.....REMOVE  
FUEL SELECTOR.....BOTH  
CONTROL LOCK.....REMOVE  
CIRCUIT BREAKERS.....CHECK IN  
HOBBS/TACH.....RECORD  
ALT STATIC.....TEST  
BATT MASTER.....ON  
FLAPS.....EXTEND  
PITOT HEAT.....TEST  
LIGHTS.....CHECK  
FUEL GAUGES.....VERIFY TRUE  
LIGHTS.....OFF  
PITOT HEAT.....OFF  
BATT MASTER.....OFF  
FUEL LEVEL/QUALITY.....CHECK  
CAPS/DRAINS/VENTS.....CHECK  
ENGINE OIL.....CHECK (MIN 6 QT)  
PROP.....INSPECT  
COWLING.....CHECK SECURE  
EXHAUST PIPES.....CHECK SECURE  
STALL HORN.....INSPECT  
CONTROLS/SURFACES.....INSPECT  
PITOT/STATIC PORTS.....INSPECT  
LANDING GEAR.....INSPECT  
ANTENNAS.....CHECK SECURE  
CHOCKS/TOWBAR.....REMOVE

BAGGAGE DOOR.....CHECK SECURE  
FINAL WALK AROUND.....COMPLETE

### BEFORE START

PASSENGER BRIEF.....ACCOMPLISH

**S** - SEATS AND SEATBELTS

**A** - AIR VENTS

**F** - FIRE

**E** - EXITS

**T** - TALKING/STERILE COCKPIT

**Y** - YOUR QUESTIONS

SEATBELTS.....FASTENED

BRAKES.....SET

SEATS.....LOCKED

AVIONICS MASTER.....OFF

AUTOPILOT.....OFF

CARB HEAT.....OFF

BATT MASTER/ALT.....ON

ROT BEACON.....ON

### ENGINE START

MIXTURE.....RICH

IF COLD ENGINE.....PRIME

THROTTLE.....SLIGHT

PROP.....CLEAR

EIS/MAG.....ON

STARTER.....ENGAGE\*

*\*IF ENGINE DOES NOT START WITHIN 5  
SECONDS, STOP AND WAIT 10 SECONDS  
BEFORE ATTEMPTING TO START AGAIN.*

ENGINE RPM.....1000

OIL PRESSURE.....CHECK

OIL TEMP.....CHECK

MIXTURE.....LEAN TO PEAK RPM

### PRE TAXI

FLAPS.....UP

NAV LIGHTS (NIGHT/LOW VIS).....ON

HEAT (IF NEEDED).....ON

VENTS (IF NEEDED).....OPEN

AVIONICS MASTER.....ON

GPS DATABASE.....VERIFY CURRENT

(IF IFR) WAAS/RAIM.....CHECK

FREQUENCIES.....LOAD

ATIS/AWOS.....OBTAIN

ALTIMETER.....SET

(CONTINUED ON NEXT PAGE)

IFR CLEARANCE.....OBTAIN\*

*IF DEPARTING FROM NON-TOWERED*

*FIELD, MAY BE DONE AFTER RUN-UP*

FLIGHT PLAN.....LOAD

XPDR.....ALT MODE/SQWK CODE

FLIGHT INSTRUMENTS.....CHECK

TAXI DIAGRAM.....CHECK

TAXI ROUTE.....BRIEF

TAXI/LANDING LIGHT.....ON

BRAKES.....RELEASE/TEST

TAXI CLEARANCE.....OBTAIN\*

*\*IF AT NON-TOWERED FIELD, ANNOUNCE  
INTENTIONS ON CTAF*

INSTRUMENTS.....CHECK IN TURNS

### RUN UP

BRAKES.....SET

TRIM.....SET TO TAKEOFF

FLIGHT CONTROLS.....TEST

MIXTURE.....RICH

THROTTLE.....1700 RPM

MAGS.....TEST

*EIS MAX 30-40RPM DROP, MAG MAX 125  
RPM DROP.*

CARB HEAT.....TEST

AMPS/VOLTS.....CHECK

OIL PRESS/TEMP.....CHECK

THROTTLE.....IDLE CHECK

THROTTLE.....1000RPM

THROTTLE FRICTION.....CHECK

### PRE TAKEOFF

FLAPS.....SET

MIXTURE.....BEST POWER

CARB HEAT.....OFF

DEPARTURE BRIEF.....ACCOMPLISH

EMERGENCY PLAN.....BRIEF

TRANSPONDER.....ALT/SQWK CODE

DOORS/WINDOWS.....SECURE

TAXI LIGHT.....OFF

LANDING LIGHT.....ON

BRAKE.....RELEASE

TIMER.....START

### EMERGENCY BRIEFING

#### ENGINE ISSUE PRIOR TO ROTATION:

THROTTLE.....IDLE

BRAKES.....SMOOTHLY APPLY

STOP ON THE RUNWAY

#### ENGINE ISSUE AFTER ROTATION WITH

##### RUNWAY REMAINING:

THROTTLE.....IDLE

LAND.....ON REMAINING RUNWAY

BRAKES.....SMOOTHLY APPLY

#### ENGINE ISSUE AFTER ROTATION WITH

##### NO REMAINING RUNWAY BELOW

**1000'AGL**

AIRSPPEED.....70 KTS

LANDING AREA.....SELECT

MIXTURE.....CUTOFF

FUEL SELECTOR.....OFF

CARB HEAT.....OFF

MAGNETOS.....OFF

ALTERNATOR.....OFF

ATC/CTAF.....DECLARE EMERGENCY

FLAPS.....EXTEND

BATT MASTER.....OFF

DOORS.....OPEN

LAND STRAIGHT AHEAD-DO NOT TURN

BACK

#### ENGINE ISSUE AFTER ROTATION ABOVE

##### 1000' AGL AND ENOUGH ALTITUDE TO

##### MAKE THE RUNWAY

AIRSPPEED.....70KTS

RUNWAY.....IMMEDIATE TURN BACK

MIXTURE.....CUTOFF

FUEL SELECTOR.....OFF

CARB HEAT.....OFF

MAGNETOS.....OFF

ALTERNATOR.....OFF

ATC/CTAF.....DECLARE EMERGENCY

FLAPS.....EXTEND

BATT MASTER.....OFF

DOORS.....OPEN

