



BEFORE START

SEAT BELTS-SHOULDER HARNESS FASTENED
 FUEL VALVE ON
 BRAKES SET
 SWITCHES/RADIOS OFF
 CABIN DOOR CLOSED

LYC 0-320-B2B
 160 HP @ 2700 RPM
 Nrm1 Rng 1800-2700 RPM
 Max 2700 RPM

START

CARB HEAT COLD
 MIXTURE FULL RICH
 PRIME AS REQUIRED
 MASTER SWITCH ON
 MAG SWITCHES 2 ON
 THROTTLE CRACKED ½-1"
 PROP "CLEAR"
 STICK BACK
 BRAKES CHECKED FIRM AND SET
 STARTER ENGAGE
 THROTTLE 1000-1200 RPM
 OIL PRESSURE (WITHIN 30 SEC) CHECK

Oil temp Nrm1 Rng
 100-245°
 Max Temp 245°

Oil Pres Nrm1 Rng 60-100
 psi
 Caution Rng 25-60 psi
 Max 100 Min 25

BEFORE TAXI

LIGHTS/RADIOS/INTERCOM AS DESIRED
 MIXTURE LEAN FOR TAXI
 WIND SOCK CHECK
 PARK BRAKE OFF
 BRAKES ROLL FORWARD/CHECK

LEAN BELOW 75% POWER
 % POWER @ 2500' MSL
 2700 RPM = 81% BHP
 2600 RPM = 74% BHP
 2500 RPM = 66% BHP
 2400 RPM = 59% BHP
 2300 RPM = 53% BHP
 2200 RPM = 46% BHP
 2100 RPM = 40% BHP

RUN UP/TAKE OFF

THROTTLE 1000-1200 RPM
 PARKING BRAKE SET
 CONTROLS CHECK
 MIXTURE FULL RICH
 THROTTLE 1800 RPM
 MAGS (MAX 200 DROP/50 DIFF) CHECK
 CARB HEAT HOT ~50 RPM DROP- COLD
 THROTTLE IDLE
 MAGS GROUNDING CHECK
 THROTTLE 1000-1200 RPM
 TRIM SET
 INSTRUMENTS CHECK
 WINDOWS & DOORS CLOSED & LATCHED
 TRANSPONDER/BEACON ON

Vs 51 MPH CAS = 46 IAS
 Vx 58 MPH CAS = 56 IAS
 Vy 69 MPH CAS = 69 IAS
 1.3 Vs = 65 MPH CAS
 64 MPH IAS

LANDING

AREA CLEAR
 MIXTURE SET
 CARB HEAT ON
 THROTTLE AS REQUIRED
 BRAKES CHECKED FIRM/P BRAKE OFF

STALL SPEED @ ANGLE OF
 BANK
 0° = 51 MPH CAS = 46
 IAS

SHUT DOWN

PARKING BRAKE SET
 ELECTRICAL EQUIPMENT OFF
 MIXTURE IDLE CUT-OFF
 MAGSNETOS/MASTER SWITCH OFF

20° = 53 MPH CAS = 47 IAS
 40° = 58 MPH CAS = 56 IAS
 60° = 72 MPH CAS = 72 IAS
 @ 1750# GW/ POWER OFF
 MAINTAINING ALTITUDE

(M54) - Lebanon Municipal Airport
 CTAF/UNICOM - 122.725
 AWOS - 118.325
 Elevation - 588' MSL