CESSNA 150 / 152 DIFFERENCES (7-30-21)

SYSTEM / ITEM	C152	C150
FUEL QTY FUEL FLOW	24.5 6 GPH	22.5 7 GPH
ELECTRICAL SYSTEM	1. Split master switch (battery / alternator_ 2. 24v system 3. CBs	1. Pull out knob for battery 2. 12v system 3. Fuses (spare set in seat pocket)
STARTER SWITCH / MAGS	5-position key (Off, L, R, Both, Start)	3 position key for mags, Button for starter (Off, L, R)
ENGINE	Lycoming O-235 110 HP	Continental O-200 100HP
FLAPS	1. 30 degrees 2. Position indicator on handle	1. 40 degrees 2. Flap switch must be held up/down for movement. 3. Position indicator displayed on headliner above pilot's head
WEIGHT & BALANCE	1. Max gross weight-1670 2. Basic Empty Weight 3. Computation methods- std formula & moment chart	1. Max gross weight--1600 2. Licensed empty weight 3. Computation methods- moment chart 4. Arms are slightly different
AIRSPEED INDICATOR & AIRSPEEDS (V)	<u>KNOTS (KIAS)</u> Vso-35 Vs-40 Vr-50 Vx-54 Vy-67 Vg-60 Vfe-85 Va-93-104 Vno- 111 Vne- 149 Vref (flaps 10-30)- 55-65 Vref flaps 0)- 60-70 Vref (short)- 54 Vref (soft)-60	<u>MPH</u> Vr- 50 Vso- 49 Vs- 56 Vx- 52 Vy- 72 Vg-65 Vfe-100 Va-109 Nno- 120 Vne- 162 Vref (flaps 10-40)- 60-70 Vref flaps 0)- 65-75 Vref (short)- 58 Vref (soft)- 65
OPERATIONS MANUAL	POH	OWNERS MANUAL
OAKLAND FLYERS OPERATIONAL REQUIREMENTS	1. Checkout required (standard) 2. Differences checkout if checked out in C150	1. Checkout required (standard). 2. Differences checkout if checked out in C152 3. Max takeoff elevation 1000. 4. Max takeoff density altitude 2500. 5. Min runway length for take off 2500 6. Do not lean on taxi or below 3000.