

## PREFLIGHT

### WIDGEON

1

1. **Nose compartment:** hatch closed, items stored
2. **Cockpit:** fire extinguisher checked, flight controls set, mags. off

## EXTERIOR

1. **Drain Plugs Installed**, 12 hull, 2 in each wing float
2. **Horizontal Stabilizer Struts**, counter balance, right trim tab balance tube attached
3. **Rudder:** beacon, cables, hinges
5. **Right wing**, flaps, aileron, pitot tube, edge, wing float, prop.
6. **right oil level**, right fuel tank sump, right wheel
7. **windshield**, left side same as the right
8. **Topside:** check fuel quantity, hydraulic reservoir level

**G**—Gas on, cross-feed off.  
**U**—Undercarriage, Hyd. Pressure, Locks  
**M**—Mixture – Rich  
**P**—Props Forward  
**F**—Flaps 10-15 degrees take off / 15-38 landing  
**T**—Trim – set  
**S**—Stick – full aft, Aileron right

## START

### WIDGEON

2

1. **Door** locked, **Seatbelts** fastened, **Passengers** briefed
2. **Brakes** test and hold (land), check movement area (water)
3. **Fuel** on, **x-feed** off, **Mixture** rich, **props** forward, & **Throttles** cracked
4. **Master** on, all 3 **mag.** switches on, CLEAR
5. **Left Engine:** starter engaged
6. **Oil Pressure** checked, warm up 800 rpm
7. **Right engine** same as the left
8. **Switches ON**--Alternator, Electric masters, Radio, Lights
9. **Unlock** tailwheel
10. Check instrument movement while taxiing

## RUN UP

### WIDGEON

3

1. Engine instruments in the green
2. Flight controls free and correct movement
3. **GUMPFTS**
4. Each engine 1800 rpm: feather check prop. vac pressure, amps., mag. check 150 drop max., cycle prop.
6. Hydraulic pressure, instruments, set radios
7. Takeoff briefing

VX 81

## TAKEOFF

VY 100

1. Lineup, lock tailwheel (land), (water) Elevator back, Aileron right, Rudder as needed
2. When airspeed alive then stick forward pick up the tail, lift-off @ 81, climb @100 mph & Flaps up

## AFTER T.O.

1. **Gear** up
2. **Throttles** Full, props 2500

## CRUISE

**Power** 24 x 2450,  
**Mixture** set- 70 degrees rich of peak EGT

**5 miles**

**GEAR**

**DESCENT**

**WIDGEON**

**4**

1. Power 15" minimum
2. Emergency descent, 15", gear and flaps down.

**LANDING**

1. **GUMPFTS** on downwind, (flaps after white line speed) normal 10 downwind, 20 base, 30 final / 15 glassy
2. **Approach Speed** **Blueline (95)**, until "made", power 12" normal , 16" glassy water
3. **Fence speed** 85, glassy water 75 mph - 16" mph
4. Transition 5-10' establish and maintain landing attitude

**AFTER LANDING**

1. (water) Power off, ease stick back, close windows, Flaps up after slowing down
2. Tailwheel unlocked
3. (water) ramping, gear down while in deep water, tailwheel locked

**SHUT DOWN**

1. Switches - off
2. mixture--idle cutoff
3. mags. & master-off
4. tie-down, control locks, door closed