

## Piper PA22 C-FKZD Seaplane

### Cockpit Check before Exterior

- Remove control wheel lock
- Mag -- Off
- Master – ON
  - o Check fuel quantity
  - o Flaps down 40 deg
  - o Master -- OFF
- Fuel Selector -- RIGHT TANK
- Trim - FREE / SET FOR TAKEOFF
- Check Fire Extinguisher (quantity, Pin, Secure)
- Aircraft Documents – CHECK
- Baggage Door – CLOSED

### PASSENGER BRIEF

- Exits, Doors and Windows
- Fire Extinguishers
- Emergency Supplies
- ELT
- Seat Belts
- No Smoking
- Prop Safety/PIC instructions
- Emergency Water Egress

### BEFORE START CHECK

Pitot Cover -- REMOVED  
Preflight Inspection -- COMPLETE  
Seats, Belts and Harnesses -- SECURE  
Controls -- FREE and CORRECT  
Flaps -- CHECK then RETRACT  
Circuit Breakers – CHECKED  
Radio, Avionics – OFF  
Water Rudder: - Dock – Down  
Ramp -- Up

### ENGINE START CHECK

Fuel Selector -- RIGHT TANK  
Mixture -- RICH  
Carburetor Heat -- COLD  
Throttle -- OPEN 1/8 INCH  
Master Switch (Top Switch) – ON  
Check Prop - CLEAR  
Engine Temp – CHECK

- o Prime – 3-5 FULL STROKES
- o Mags - LEFT

Yoke -- Back  
Starter (Bottom Switch) – ENGAGE  
Oil Pressure -- NORMAL WITH IN 30 SECONDS  
Throttle -- 1000 RPM  
Magnetos -- DEAD MAG CHECK  
Magnetos – BOTH

### AFTER START

Water Rudder – Down  
Fuel Selector -- LEFT TANK  
Landing Light -- ON  
Ammeter -- CHECK CHARGING  
Avionics & Radio -- SET  
Transponder -- STAND BY 1200  
Instruments -- SET & CHECKED  
Mixture -- LEAN FOR TAXI (1")  
Instrument Taxi Check

### RUN UP CHECK

Doors and Both Windows -- SECURE  
Cabin -- SECURE  
Controls -- FREE  
Fuel Selector -- ON BOTH  
Mixture – RICH  
Yoke – Back  
  
Throttle -- 1800 RPM  
Oil T and P -- BOTH GREEN  
Magnetos -- CHECK (125 max drop and 75 max difference)  
Mixture -- CHECK LEANING  
Ammeter -- CHECK  
Carburetor Heat -- HOT \*CHECK DROP\*

Power -- IDLE  
Oil Temp/ Pressure -- CHECK  
Carburetor Heat -- COLD

### BEFORE TAKEOFF CHECK

F lap -- Full  
T rim -- SET FOR TAKEOFF  
C arb heat -- Off  
A rea -- Clear  
R udder (water) – Up  
S tick -- Back

### CREW TAKEOFF BRIEF

Our GO or NO GO point will be \_\_\_\_\_.

### ENGINE FAILURE BRIEF

Any malfunction during the T/O run we will retard the throttle and stop straight ahead.

If we have an EF after T/O:

below 500' AGL we will land straight ahead only making gentle turns.

Between 500'-1000' AGL we will turn up 90 deg.

Above 1000' AGL Carry out a modified circuit.

**Speeds**

Normal Climb -- Speed 100 mph  
VX --70 mph VY -- 84 mph

**CRUISE CHECK**

RPM -- 2500 (75% best performance)  
Elevator -- TRIM  
Mixture -- LEAN (Rich of Peak)  
Heading Indicator – Confirm with Compass  
Landing Light – OFF

**COMMON FREQUENCIES**

Greenwood ATIS 128.85  
Greenwood Ground 133.75  
Greenwood Tower 119.5  
Greenwood Terminal 120.60  
Halifax FSS 123.275  
Halifax ATIS 121.00  
Halifax Tower 118.40  
Halifax Terminal 118.70  
Hillaton Kings Aerodrome 123.2  
Moncton Center 124.4  
Debert 123.00  
Digby 122.80  
VFR Broadcast 126.70

**EMERGENCY 121.50**

**TRANSPONDER EMERGENCY CODES**

SQUAWK 7500 – HIJACK  
SQUAWK 7600 – COM FAILURE  
SQUAWK 7700 – MAY DAY

**DESCENT CHECK**

Mixture -- RICH  
Carburetor -- AS REQUIRED  
Power -- AS DESIRED

**BEFORE LANDING CHECK**

G as – Quantity and on Both  
U dercarriage – Wheel & Water rudder Up  
Mixture -- RICH  
Prop – Fix  
Switches + Seat belt – As require

**NORMAL LANDING CHECK**

Wing Flaps – half (20deg) (below 95 mph)  
Air Speed -- 85-90 mph  
Stick Back (**All Time** on the water)

**AFTER LANDING CHECK**

Carburetor Heat -- COLD  
Wing Flaps -- UP  
Transponder -- STAND BY  
Landing Light -- OFF  
Mixture -- LEAN FOR TAXI (1")  
Time Down – RECORD

**PREP DOCKING (3H)**

H – Headset remove  
H – Harness remove  
H – Hatch open

**APPROACHING DOCKING (3M)**

M -- mixture -- IDLE CUT-OFF  
M -- master Switch -- OFF  
M -- magnetos -- OFF  
R – Water Rudders -- UP

**SHUT DOWN CHECK**

Electrical Equipment, Avionics -- OFF  
Power -- IDLE  
Magnetos -- LIVE MAG CHECK  
Lights -- OFF  
BKN Light -- ON  
Engine Hobbs -- RECORD  
Control Lock -- INSTALLED  
Pitot Cover -- ON  
Flaps – Down