



PIPER Pa 18/150 hp Amphibian

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PRE-FLIGHT INSPECTION

Cabin

- 01 Landing Gear Lever- **Ground...DOWN**
- **Water.....UP**
- 02 Magnetos.....OFF
- 03 Master Switch.....OFF
- 04 A/C Documents.....CK
- 05 Fuel Qty.....CK
- 06 Paddle, Ropes, Life Vests..ON BOARD
- 07 Mecc. Landing Gear Indicator.....CK
- 08 Floats.....CK EMPTY

BEFORE START ENGINE

- 01 Seats.....ADJUSTED
- 02 Parking Brake- **Ground.....APPLIED**
- **Water.....REALASE**
- 03 Circuit Breakers.....ALL IN
- 04 Electrical Equipment.....OFF
- 05 Master Switch.....OFF
- 06 Water Rudders- **Ground.....CK UP**
- **Water.....CK DOWN**
- 07 Fuel Selector Valve...LOWEST TANK
- 08 Trim.....SET for T/O
- 09 Carburetor Air.....COLD
- 10 Chocks on Ground.....REMOVED

ENGINE START UP

- 01 Landing Gear Lever- **Ground...DOWN**
- **Water.....UP**
- 02 Master Switch.....ON
- 03 Beacon.....ON
- 04 Magnetos.....BOTH
- 05 Mixture.....RICH
- 06 Primer.....AS REQUIRED
- 07 Throttle.....MINIMUM
- 08 Propeller Area.....CLEAR!
- 09 Starter.....ENGAGED
- 10 Oil Pressure.....INCREASED
- 11 Amp. Meter.....CHECKED

WATER TAXIING/TAXIING

- 01 Landing Gear Lights--- **Gnd 4 GREEN**
- **Water 4 BLUE**
- 02 Navigation Lights.....ON
- 03 Radios.....ON/SET
- 04 Flight Instruments.....CK/SET
- 05 NAV Lights.....CK/SET
- 06 Flight Controls.....FREE & CORRECT
- 07 Parking Brakes.....RELEASED
- 08 Throttle.....1000 Rpm or LESS
- 09 Take off Briefing.....COMPLETED

ENGINE RUN UP

- 01 Parking Brake Ground.....APPLIED
- 02 Fuel Selector Valve....FULLEST TANK
- 03 Engine Instruments.....GREEN ARC
- 04 Circuit Breakers.....ALL IN
- 05 Throttle.....MINIMUM for 6 SEC
- 06 Throttle.....1700 Rpm
- 07 Carburetor Heat.....CHECK
- 08 Magnetos..CK 125Rpm (MAX DROP 50)
- 09 Suction Gauge.....BETWEEN 4 & 6
- 10 Amp. Meter.....CK
- 11 Throttle.....1000 Rpm or LESS

BEFORE TAKEOFF

- 01 Cabin Door/Window.....CLSD/LCKD
- 02 Seats/Belts/Harnesses.....ADJ/LCKD
- 03 Engine Instruments.....GREEN ARC
- 04 Carburetor Heat.....COLD
- 05 Trim.....SET FOR TAKE OFF
- 06 Fuel Selector Valve...FULLEST TANK
- 07 Flap.....20° (1st STEP)
- 08 Mixture.....RICH
- 09 Master Switch.....ON
- 10 Magnetos.....BOTH
- 11 Take Off Area.....CLEAR
- 12 Parking Brakes.....RELEASED
- 13 Flight Controls.....CK & FREE
- 14 **Landing Gear Lights Water...4 BLUE**
- 15 Landing & Strobe Lights.....ON

LINE UP

- 01 Water Rudder.....UP
- 02 Throttle.....FULL OPEN/CK RPM

AFTER TAKE OFF (WATER)

- 01 Flap.....0°
- 02 Landing Lights.....OFF
- 03 Power.....CHECK 2400 Rpm

AFTER TAKE OFF (GROUND)

- 01 Positive Rate.....GEAR UP
- 02 Landing Gear Lights.....CK 4 BLUE
- 03 Flaps.....0°
- 04 PWR.....CK 2400 Rpm
- 05 Landing Lights.....OFF

CLIMB

- 01 Fuel Selector Valve..FULLEST TANK
- 02 Mixture.....AS REQUIRED
- 03 Engine Instruments.....CHECK
- 04 Fuel Qty.....CHECK

DESCENT

- 01 Fuel Selector Valve...CK & BALANCE
- 02 Mixture.....AS REQUIRED
- 03 Carburator Air.....AS REQUIRED

BEFORE WATERLANDING/LANDING

- 01 Seats/Belts/Harnesses.....SECURED
- 02 Magnetos.....BOTH
- 03 Carburator Heat.....COLD
- 04 Fuel Selector Valve...CK & BALANCE
- 05 Water Rudder.....UP
- 06 Mixture.....RICH
- 07 Landing Gear Lights---Gnd 4 GREEN
-Water 4 BLUE
- 08 Parking Brakes.....RELEASED
- 09 Landing Lights.....ON

GO AROUND

- 01. Attitude.....Vx
- 02. Throttle.....FULL OPEN
- 03. Carburator Air.....COLD
- 04. Wing Flaps.....20° (1st STEP)
- 05. Landing Gear.....UP 4 BLUE
- 06. Fuel Q.ty.....CK & BALANCE

AFTER LANDING

- 01. Water Rudder, GroundCK UP
Water Rudders Water.....CK DOWN
- 02. Flaps.....0°
- 03. Carburator Air.....COLD
- 04. Landing & Lights.....OFF
- 05. Trim.....NEUTRAL

AT THE RAMP

- 01 Throttle.....MINIMUM
- 02 Landing Gear Gnd..DOWN 4 GREEN

DOCKING/PARKING

- 01. Throttle.....1000 Rpm or LESS
- 02. Radios.....OFF
- 03. Electrical Equipment.....OFF
- 04. Mixture.....CUT OFF
- 05. Magnetos.....OFF
- 06. Master Switch.....OFF
- 07. Parking Brakes.....APPLIES
- 08. Water Rudders.....UP

SECURING THE PLANE

- 01. Magnetos.....OFF
- 02. Trim.....NEUTRAL
- 03. Water Rudders.....UP
- 04. Mixture.....CUT OFF
- 05. Electrical Equipment.....OFF
- 06. Master Switch.....OFF
- 07. Chocks.....IN PLACE

GLASSY LANDING

- 01 Flaps.....0°
- 02 Attitude.....Positive
- 03 Vz.....Maximum < 200 ft/min

	MTOW	EMPTY	FUEL
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