



CHECKLIST

PIPER PA-23 Geronimo 160HP N4451P

-DOES NOT REPLACE AIRCRAFT OFFICIAL POH-

BEFORE START

EXTERIOR PREFLIGHT..... COMPLETE
PASSENGER BRIEFING..... COMPLETE
AVIONICS MASTER..... OFF
CIRCUIT BREAKERS..... CHECKED
FUEL..... ON MAIN TANKS
FUEL CROSSFEED..... OFF
CARBURETOR HEAT..... OFF
GENERATOR SWITCHES..... ON
LANDING GEAR HANDLE..... NEUTRAL
HYD MANUAL PUMP CHECK: FLAP HANDLE..... DOWN
AUX HYDRAULIC PUMP..... PUMP
FLAP HANDLE..... NEUTRAL
HEATER FAN..... OFF

ENGINE START

MIXTURES..... RICH
THROTTLES..... 1/8 INCH
MASTER SWITCH..... ON
LANDING GEAR LIGHTS..... 3 GREEN
FUEL QUANTITY..... CHECKED
BOOST PUMPS..... ON / CHECKED
BOOST PUMPS..... OFF



MAGNETOS..... LEFT MAGNETO - ON BOTH ENGINES (for start)

START LEFT ENGINE

PRIMER.....PRIME 2/3 times with engine warm/cold

LEFT ENGINE.....START

RIGHT MAGNETO.....ON (once engine started)

LEFT ENGINE OIL PRESSURE..... CHECKED

MIXTURE..... LEAN

THROTTLE..... 1000 RPM

START RIGHT ENGINE

PRIMER.....PRIME 2/3 times with engine warm/cold

RIGHT ENGINE.....START

RIGHT MAGNETO.....ON (once engine started)

RIGHT ENGINE OIL PRESSURE..... CHECKED

MIXTURE..... LEAN

THROTTLE..... 1000 RPM

PRIMER.....CHECK DOWN AND LOCKED

AFTER START

AVIONICS MASTER..... ON

ATIS / ASOS..... OBTAIN

ALTIMETERS..... SET

NAVIGATION INSTRUMENTS..... SET

TRANSPONDER..... ALT

NAV LIGHTS.....ON (FOR ADSB)**

****NOTE: Ldg Gear Indication Lights are dimmed when NAV lights are ON**

MIXTURES.....LEAN



TAXI

FLAPS..... UP
BRAKES..... CHECKED
TURN COORDINATOR..... CHECKED
ARTIFICIAL HORIZON..... CHECKED
FLIGHT CONTROLS..... CHECKED
DIRECTIONAL GYRO..... SET

RUNUP

MIXTURES..... RICH
THROTTLES..... 1800
PROPELLERS..... CYCLE (3 X cold, 1 X hot)
MAGNETOS..... CHECK
CARBURETOR HEAT..... CHECK
GENERATORS..... CHECK
ENGINE INSTRUMENTS..... CHECK
SUCTION..... CHECK
FUEL PRESSURE..... CHECK
THROTTLES..... IDLE

BEFORE TAKEOFF

DIRETIONAL GYRO..... SET
TRIM..... SET
FLAPS..... UP
FUEL PUMPS..... ON
MAGNETOS..... ALL ON
LANDING LIGHT..... ON



DOOR.....LOCKED

TRAFFIC..... CHECK

T/O BRIEF.....Complete

V SPEEDS

Vso.....56 mph

Vr.....80 mph

Vmc.....85 mph

Vyse.....95 mph

Vx.....76 mph

Vy.....100 mph

Cruise Climb.....120 mph

Va.....130 mph

CLIMB

GEAR..... UP (1 wht on, 3 grn off)

FLAPS.....UP

POWER..... SET (25", 2,400 RPM)

MIXTURE.....LEAN

ENGINE INSTRUMENTS.....Normal

BOOST PUMPS..... OFF (check one at time)

LANDING LIGHT.....A/R

CRUISE

POWER..... SET

PROPS..... SYNC

MIXTURES..... AS REQUIRED (50-100 deg rich of peak)

ENGINE INSTRUMENTS.....Normal



DESCENT CHECK

ATIS / ASOS..... OBTAIN
ALTIMETERS.....CHECK
MIXTURE.....RICHEN (A/R)
CARB HEATS.....ON if icing conditions exist
FUEL QTY.....CHECKED
LIGHTS.....A/R

APPROACH

AVIONICS.....TUNED/IDENTIFIED/SET
APPROACH BRIEF.....Complete
ALTIMETERSSET
FUEL PUMPS.....ON
FUEL TANK SELECTOR.....ON MAINS
CROSSFEED.....OFF
PRIMERS.....DOWN and LOCKED
MISTURES.....FULL RICH
FLAPS.....A/R <125 mph
PTN SPEED.....95 mph

BEFORE LANDING

LDG GEAR..... DOWN / 3 GREEN**
CARB HEATS.....OFF

****NOTE: Ldg Gear Lights are dimmed when NAV lights are ON**

PROPELLERS..... A/R
FLAPS..... A/R (set <100 mph)
LANDING LIGHT..... ON



AFTER LANDING

MIXTURES.....LEAN
FLAPS.....UP
LD LIGHT.....OFF
FUEL PUMPS.....OFF
TRIMS.....SET

SHUTDOWN

NAV LIGHTS..... OFF
AVIONICS MASTER..... OFF
FUEL PUMPS.....OFF
LANDING LIGHT..... OFF
TURN & BANK.....OFF
PROP LEVER.....FWD
THROTTLES.....1,000 RPM
MIXTURE.....CUT OFF
THROTTLES.....CUT OFF
MAGNETOS.....ALL 4 OFF
ROT BEACON.....OFF
GENERATORS..... OFF
MASTER SWIOTCH..... OFF
HEATER FAN..... OFF



ABNORMAL / EMERGENCIES

CROSSFEED

FUEL SELECTOR INOP ENGINE..... ON
BOOST PUMP INOP ENGINE..... ON
CROSSFEED VALVE..... ON
OP. ENGINE FUEL SELECTOR VALVE..... OFF

UN-CROSSFEED

OP. ENGINE FUEL SELECTOR..... ON
CROSSFEED VALVE..... OFF
BOOST PUMP INOP ENGINE..... OFF
FUEL SELECTOR INOP ENGINE..... OFF

ENGINE OUT PROEDURES

MAINTAIN DIRECTIONAL CONTROL

PITCH FOR BLUE LINE (95 mph)

THROTTLE / PROP / MIXTURE.....ALL FULL FWD

FLAPS / GEAR** / FUEL..... UP / UP** / A/R

****NOTE: If left engine has failed use of Hydraulic Manual Pump is necessary**

IDENTIFY.....Dead Foot Dead Engine

VERIFY.....THROTTLE IDLE / no changes

FEATHER.....PROP and MIXTURE AFT

MAGNETOS.....OFF affected engine

RUDDER TRIM.....APPLY ACCORDINGLY



UNFEATHERING PROCEDURE

AFFECTED ENGINE:

FUEL SELECTOR..... ON
MAGNETO..... LEFT ON
CARB HEAT.....OFF
AVIONICS..... OFF
ENGINE MIXTURE..... RICH
ENGINE THROTTLE..... 1/8 INCH
ENGINE PROP.....MATCH OTHER
ENGINE FUEL PUMP..... ON
STARTER..... ENGAGE
ENGINE MAGNETO.....RIGHT ON
RPM CHT / EGT..... MONITOR / WARM UP

**ALWAYS REFER TO AIRCRAFT POH, this is not intended to be used in LIEU of Aircraft
Official documentation and manuals.**