



PIPER ARCHER II CHECKLIST

PREFLIGHT

INTERIOR

CONTROL WHEEL LOCKREMOVE
 ARROW DOCUMENTSCHECK
 HOBBS/TACH TIMERECORD
 MAGNETOSOFF
 MASTER SWITCHON
 EXTERIOR LIGHTSCHECK
 MASTER SWITCHOFF
 FLAPSDOWN
 ALT STATICOFF
 PITOT LINESDRAIN
 FUEL SELECTORPROPER TANK
 FIRE EXTINGUISHERCHECK

RIGHT WING

FLAPCHECK
 AILERONCHECK
 WINGTIPCHECK
 LEADING EDGECHECK
 TIEDOWNREMOVE
 TIRECHECK
 BRAKECHECK
 STRUTCHECK
 FUEL SUMPDRAIN
 FUEL QUANTITYVISUALLY VERIFY
 FUEL FILLER CAPSECURE
 CABIN AIR INLETCHECK

NOSE

WINDSCREENCHECK
 OIL LEVELCHECK
 FUEL SUMPDRAIN
 PROPELLER & SPINNERCHECK
 ALTERNATOR BELTCHECK
 ENGINE AIR INLETSCHECK
 TIRECHECK
 STRUTCHECK

LEFT WING

CABIN AIR INLETCHECK
 LEADING EDGECHECK
 TIRECHECK

BRAKECHECK
 STRUTCHECK
 FUEL SUMPDRAIN
 FUEL QUANTITYVISUALLY VERIFY
 FUEL FILLER CAPSECURE
 TIEDOWNREMOVE
 PITOT MASTCHECK
 STALL TABCHECK
 WINGTIPCHECK
 AILERONCHECK
 FLAPCHECK

EMPENNAGE

ANTENNASCHECK
 STABILATORCHECKED
 ANTI-SERVO TABCHECKED
 RUDDERCHECK
 TAIL TIE DOWNREMOVE
 BAGGAGE DOORCLOSED

BEFORE ENTERING AIRCRAFT

ALL TIEDOWNSCHECK REMOVED
 CHOCKSCHECK REMOVED AND OUT OF PATH
 PITOT COVERCHECK REMOVED
 SURROUNDING AREACLEAR OF OBSTRUCTIONS

NORMAL PROCEDURES

BEFORE START

PREFLIGHT INSPECTIONCOMPLETE
 PASSENGER BRIEFINGCOMPLETE
 SEATS & SEAT BELTSADJUSTED & FASTENED
 FUEL SELECTORPROPER TANK
 CIRCUIT BREAKERSCHECK IN
 FLIGHT CONTROLSPROPER OPERATION
 MASTER SWITCHOFF
 AVIONICS SWITCHOFF
 MASTER SWITCHON
 BEACONON
 NAV LIGHTSAS REQUIRED

ENGINE START

THROTTLE $\frac{1}{4}$ " OPEN
 FUEL PUMPON
 MIXTUREFULL RICH
 ENGINEPRIME

IF HOT START - DO NOT PRIME

PROPELER AREACLEAR
 BRAKESHOLD
 MAGNETOSSTART
 THROTTLE1000 RPM
 OIL PRESSURECHECK GREEN
 AMPSPOSITIVE CHARGE
 ANNUNCIATORSEXTINGUISHED
 MIXTURELEAN FOR TAXI
 FLAPSRETRACT

AFTER START/BEFORE TAXI

AVIONICSON
 GPS DATABASEVERIFY CURRENCY
 COMMSSET
 ATIS/AWOSOBTAIN
 ALTIMETERSET
 FLIGHT PLANSET
 TRANSPONDER1200/ASSIGNED
 TAXI CLEARANCEOBTAINED

WHILE TAXIING

BRIEF PRIOR TO RELEASING BRAKES AND COMPLETE WHILE TAXIING

TAXIBRIEF
 TAXI LIGHTON
 BRAKESTEST
 STEERINGCHECKED
 FLIGHT INSTRUMENTSCHECKED

RUN UP

BRAKESHOLD
 MIXTUREFULL RICH
 THROTTLE2000 RPM
 MAGNETOSCHECK DROP
 CARB HEATCHECK DROP
 VACUUM (IF APPLICABLE)CHECK
 OIL TEMPERATURECHECK
 OIL PRESSURECHECK
 AMPS/VOLTSCHECK
 THROTTLEIDLE THEN 1000 RPM

BEFORE TAKEOFF

DEPARTURE BRIEFINGCOMPLETE
 FUEL PUMPON
 CARB HEATOFF
 ALTITUDE BUGSET
 FLIGHT INSTRUMENTSCHECK
 STANDBY INSTRUMENTSCHECK
 ANNUNCIATORSCHECK
 FUEL SELECTORPROPER TANK
 ENGINE INDICATIONSCHECK
 SEAT BACKSERECT
 SEATSADJUSTED AND LOCKED IN POSITION
 SEAT BELTSFASTENED
 FLAPSSET
 TRIMTAKEOFF
 CONTROLSFREE AND CORRECT
 DOOR AND WINDOWLATCHED
 LIGHTSAS REQUIRED
 PITOT HEATAS REQUIRED

CLIMB (1,000FT AGL)

SPEED87 KIAS
 FUEL PUMPOFF
 FLAPSRETRACTED

CRUISE

THROTTLESET PER POWER TABLE
 MIXTURELEAN AS REQUIRED
 ENGINE INSTRUMENTSCHECKED
 LIGHTINGAS REQUIRED

DESCENT/BEFORE LANDING

ATIS/AWOSOBTAIN
 ALTIMETERSET
 COMMS/NAV RADIOS & AVIONICSCHECKED & SET
 APPROACHBRIEFED
 SEAT BACKSERECT
 SEAT BELTSFASTENED
 MIXTUREFULL RICH
 LIGHTINGAS REQUIRED
 FUEL PUMPON
 CARB HEATAS REQUIRED
 PARK BRAKEVERIFY OFF
 TOE BRAKESDEPRESS TO CHECK

AFTER LANDING (FLOW THEN VERIFY)

COMMSMONITOR GROUND (WHEN APPLICABLE)
 FLAPSRETRACT
 MIXTURELEAN
 FUEL PUMPOFF
 PITOT HEATOFF
 LIGHTINGAS REQUIRED

SHUTDOWN

AVIONICSOFF
 ELECTRICAL SWITCHES (EXCEPT BEACON)OFF
 THROTTLEIDLE
 MAGNETOSGROUND CHECK
 THROTTLE1200 RPM
 MIXTUREIDLE CUTOFF
 THROTTLECLOSED
 MAGNETOSOFF
 KEYOUT OF IGNITION
 INTERIOR LIGHTSOFF
 MASTER SWITCHOFF
 CONTROL LOCKINSTALLED
 PITOT COVER, COWL PLUGSINSTALLED
 TIEDOWNSSECURED
 HOBBS/TACH TIMERECORDED
 DISPATCH LOGCOMPLETED

EMERGENCY PROCEDURES

POWER LOSS IN FLIGHT

AIRSPEED76 KIAS
 BEST FIELD
 FUEL PUMPON
 MIXTUREFULL RICH
 CARB HEATON
 FUEL SELECTORCHECK/SWITCH
 MAGNETOSCHECK ALL

IF NO RESTART & TIME PERMITS

TRANSPONDER7700
 ATCDECLARE EMERGENCY
 MIXTUREIDLE CUTOFF
 FLAPSAS REQUIRED
 MASTER & MAGNETOSOFF
 DOORUNLATCHED

ELECTRICAL FIRE IN FLIGHT

ALL ELECTRICAL + MASTEROFF
 VENTS/HEAT/AIRCLOSED
 AVIONICS MASTEROFF

IF FIRE OUT

MASTERON IF CRITICAL
 ESSENTIAL ELECTRICALON ONE AT A TIME
 CIRCUIT BREAKER(S)RESET ONLY IF CRITICAL

ENGINE FIRE IN FLIGHT

MIXTUREIDLE CUTOFF
 FUEL SELECTOROFF
 FUEL PUMPOFF
 MASTEROFF
 CABIN HEAT/AIROFF
 AIRSPEED>100 KIAS TO EXTINGUISH

LAND AS SOON AS POSSIBLE

ENGINE FIRE DURING START

STARTERCONTINUE CRANKING

IF START

THROTTLERUN FOR A FEW SECONDS
 ENGINESHUTDOWN & INSPECT DAMAGE

IF NO START

MIXTUREIDLE CUTOFF
 FUEL SELECTOROFF
 THROTTLEFULL OPEN
 STARTERCONTINUE CRANKING
 MASTEROFF
 MAGNETOSOFF

EVACUATE!

ATLANTIC: 129.00
RJC (ECHO): 131.40

V_{SO} : 45 KIAS
V_{S1} : 50 KIAS
V_r : 60 KIAS
V_x : 64 KIAS
V_g (max gross) : 76 KIAS
V_y : 76 KIAS
V_a (1634 lbs) : 89 KIAS
V_a (max gross) : 113 KIAS
V_{NO} : 125 KIAS
V_{NE} : 154 KIAS
V_{FE} : 102 KIAS

SHORT FIELD TAKEOFF

25° Flaps - Rotate at 55 KIAS - Climb at barrier speed until clear of obstacle - accelerate to V_y

SOFT FIELD TAKEOFF

25° Flaps - Full back pressure - Rotate at slowest speed - accelerate to V_y in ground effect

THIS CHECKLIST IS FOR CONVENIENCE ONLY AND DOES NOT REPLACE THE POH. USE IS AT THE OWN RISK OF THE PILOT IN COMMAND.

ABNORMAL PROCEDURES CAN BE FOUND IN THE POH