

ARCHER II CHECKLIST

•Preparation:

Airplane.....airworthy, papers
Weather.....suitable
Baggage.....weighed, secure
Weight and Balancewithin limits
Navigation.....flight planned
Charts / Nav. Equip.....on board

•Starting Engine

Brakes.....set
Carburetor heatOFF
Fuel selector.....fullest tank
Radios.....OFF
Throttle.....1/4" cld, 1/2" ht
Master SwitchON
Fuel Pump.....ON
Beacon.....ON
Mixture.....rich
Starter.....engage
Throttle.....adjust
Oil Pressurecheck
Fuel Pump.....OFF

•Taxiing

Chocks.....removed
Taxi area.....clear
Throttle.....open slowly
Brakes.....check
Steering.....check

•Run-up

Area.....clear
Throttle.....2000 RPM
Magnetos.....max drop 175RPM
.....max diff 50 RPM
Vacuum.....5.0" Hg +/-1
Oil Temp.....check
Oil Pressurecheck
Annunciator Panel.....press
Carburetor Heat.....check
Fuel Pressure.....check
Throttle.....retard
Controls.....free
Flight Instruments.....check
DG.....set
Fuel selector.....fullest tank
Fuel Pump.....ON
Engine gauges.....check
Carburetor heatOFF
Mixture.....set
Primerlocked
Flaps.....set
Trim tab.....set
Seat belts.....fastened
Seat backs.....erect
Doors.....latched
Transponder.....Alt

•Approach and Landing

Fuel Selector.....fullest tank
Seat backs.....erect
Seat belts.....fastened
Fuel Pump.....ON
Mixture.....rich
Flaps.....as required -
102 KIAS
75 KIAS turning base
70 KIAS on final

•After Landing

Flaps.....up
Transponder.....STBY
Fuel pump.....OFF

•Stopping Engine / Parking

Radios.....OFF
Throttle.....idle
Mixture.....cut off
Magnetos.....OFF
Master SwitchOFF
Parking Brake.....set
Control Wheel.....secure
Tie Down.....secure

Anoka Frequencies:

ATIS.....120.625
Ground121.85
Tower126.05
MPLS APP CON121.2

Useful V-speeds

V_X.....64 KIAS
V_Y.....76 KIAS
V_{FE}.....102 KIAS
V_{S0}49 KIAS
V_{S1}55 KIAS
V_{NO}125 KIAS
V_{NE}.....154 KIAS
V_A113 KIAS-2550 lbs.
Best glide76 KIAS

Emergency Procedures

• Engine Fire During Start

Starter.....crank engine
Mixture.....idle cut-off
Throttle.....open
Fuel Pump.....OFF
Fuel Selector.....OFF
if unsuccessful, abandon

• Engine Power Loss In Flight

Establish glide76 KIAS
Fuel Selector.....switch tanks
Fuel Pump.....ON
Mixture.....rich
Carburetor heatON
Engine gauges.....check for cause
Primerlocked
if not restored, 121.5, transponder 7700

if restored, clean:

Carburetor heatOFF
Fuel Pump.....OFF

• Power Off Landing

Ignition.....OFF
Master SwitchOFF
Fuel selector.....OFF
Mixture.....idle cut-off
Seat belts.....tight
Flaps.....as necessary

• Fire In Flight

Source of fire.....check

Electrical Fire (smoke in cabin):

Master SwitchOFF
Ventsopen
Cabin Heat.....OFF
Land as soon as possible

Engine Fire:

Fuel selector.....OFF
Throttle.....closed
Mixture.....idle cut-off
Fuel Pump.....OFF
Heater.....OFF
DefrosterOFF
proceed with POWER OFF LANDING

• Spin Recovery

Throttle.....idle
Ailerons.....neutral
Rudder.....full opp. direction of
rotation
Control Wheel.....full forward
Rudder.....neutral (when
rotation stops)
Control Wheel.....regain level flight

• Open Door

Slow to 86 KIAS
Cabin vents.....closed
Storm Window.....open
Door.....latch side latch first

• Carburetor Icing

Carburetor heatON
Mixture.....adjust max smooth