

N20068 Checklist

(Preflight Complete)

BEFORE START below 50° F pre-heat
1hr.

A.R.R.O.W. Caps, Chocks & Doors
BRIEF PASSENGER:

Exits, Belts, No Smoking, Fire
Extinguisher

BEFORE TAKEOFF - START

Avionics OFF, Master ON

COLD – Mixture rich, add 1 full prime,
throttle ¼", crank

HOT – Mixture rich, no prime, throttle
open ¼", crank

HOT or COLD – If it fails to start within
5 seconds, pump throttle thus -

Cranking:

1-stop at ¼", 2-stop at ¼", 3-stop at ¼"

FLOODED – Wide open throttle for five
minutes. With throttle still open, crank
three turns, then normal start

COLD - warmup 10 min. LEAN for taxi

TAXI - Slowly (7-900 rpm, min. braking)

WATCH the wings/obstacles/jet blast

STOP to adjust radios and instruments

WIND – Climb into/dive away from

RUN-UP - Mixture rich, 1,700rpm

OilPress/Mags/CarbHeat/Amps/Vacuum
Idle, Radios, Controls free-and-correct

TAKE OFF

- o Fuel on BOTH
- o Mixture rich
- o Start timer/TAXI position
- o DG set for runway heading
- o Smooth wide-open throttle
- o Oil-pressure check
- o Weight off nose/airspeed alive
- o Rotate @ 65mph
- o Trim for 80-90mph
- o Climb to 500'agl before turn

CRUISE CLIMB - Throttle back to

22-2300 @ 90mph *hear engine change*

CRUISE - At 22-2300rpm/lean-EGT peak
(little-rough) then rich until smooth, (4-5
detents). 20068 will cruise at 115mph

EMERGENCY

BEST GLIDE – 75 mph

ASSURE Landing Location

Fuel and Mags on BOTH ?

Emergency Checklist (if time)

Va – 90 mph good for any weight

BEFORE LANDING (the pattern)

DOWNWIND – 1,900rpm, 90mph, 10°

ABEAM touch-down-point **G.U.M.P.S**

G Gas selected, Carb heat, 1,500rpm

u

M Mixture rich

p

S Speed 90mph, 500fpm, 10° flaps

BASE - 80mph, 500fpm, 20° flaps

FINAL RPM/throttle as needed

Slow to 70mph, get into ground effect

Slip as needed - normal landing 20°

flaps

Short/Soft Field 30° (40° PROHIBITED)

GROUND EFFECT Throttle as needed,

(Try 1,500rpm) hold wheels off a few

inches @ 61mph

(Vso is 47mph x 1.3 = 61mph)

Touch-down <60 mph

GO AROUND - Carb heat OFF, mixture

RICH, SMOOTH to full-throttle

Positive rate of climb, trim 80-90mph

Flaps - incremental to zero

(10° is OK if staying in the pattern)

AFTER LANDING – Wing flaps UP, Carb

Heat OFF, LEAN for taxi

STOPPING ENGINE – Avionics OFF,

Lights OFF (leave Beacon ON),

Mixture PULL slowly-clear plugs then

OFF

Ignition and Master OFF

SECURE - Control Lock, Pitot Cover,

Windshield cover, Chocks and Tie-

downs