

GFT KNEEBOARD

PLAN | FLY | VERIFY

ALWAYS READY

AVIATION SAFETY • QUICK REFERENCE

BEFORE FLIGHT

PLAN

Check NOTAMs/TFRs
ForeFlight: Plan, Pack, Flights, File
Envision the flight
Prayers / Serenity / Zen

PLANE

Times and tires
Gas & oil: Quantity, Quality, Caps (QQC)
Remove engine inlet plugs and pitot cover
Remove tow bar and chocks

PEOPLE

No smoking • IMSAFE • Belts • doors
See something, say something
Help locate traffic

CONTINUOUS SCAN

CONTROL

Speed • Height • Heading/Center
Pitch • Power • Trim • Rudder • Bank

OUTSIDE

Terrain • Weather • Traffic • Wildlife

CONFIG

Gas tanks • Gas pump • Undercarriage • Mixture • Mags •
Prop • Switches • Altimeter Setting • Seat belts

PILOT MINDSET

When slow: smooth hands and good footwork.
More altitude = more options.
Know your position relative to airports and VORs.
Check frequency before using push to talk button
Verify • Standby • Unable • Unfamiliar • Uncomfortable
Engine fluctuation/roughness: **FULL CARB HEAT**.
Expect more roughness as ice melts
ALWAYS READY! NOSE DOWN!
Mayday x3 / Pan-Pan

TAKEOFF

GGUMMPSSS • Bug heading • Bug altitude • Flaps
Determine Pilot Flying vs. Pilot Troubleshooting
Check doors/windows • Secure phone
Climb: "Making good power" • AP = HDG, IAS/FLC, AP engaged

RADIO CALLS

Who Are You?
Who Am I?
Where Am I in 3D?
What am I? (172 /G)
What is the Weather?
What do I want or plan? (FF/option)

ENROUTE

ATIS/AWOS • Brief
Build: PROC, baro min, nav ident, SBAS status, VOR check
Now and Next • Check AP modes • Check engine
GGUMMPSSS
CDI source • APR if vertical guide available • 7 clicks • Timer ready

LANDING

Listen to weather (also tests volume) • Bug pattern altitude
GGUMMPSSS • Consider low approach for wind and surface check
Stay inside the white arc
Turn base after 200 ft descent • **Nose down in turns**
If unstable at 300 AGL or runway obstruction:
GO AROUND - ALL IN - FLAPS IN STAGES
Move throttle in the direction the aim point/runway picture moves.
Crossing threshold: power to idle+ • Carb heat off
Runway widens: nose transition = pitch down → level → slowly pitch up
Nose toward runway end • Use side windows when forward vision decreases
Control sink with throttle • Idle when mains touch

NORDO - NO RADIO

7600 (76 - radio needs a fix) • Monitor **121.5** • Call 1-800-WXBRIEF
§91.185 altitude: **Minimum • Expected • Assigned**
Route: **Assigned • Vectored • Expected • Filed**

SPIN RECOVERY - PARE

Power idle • **A**ileron neutral • **R**udder opposite (the one that fights) •
Elevator forward

ENGINE OUT - ABCDE

Airspeed = pitch to glide speed
Best = flattest, safest (hopefully a runway)
Checklist = Tanks • Pump • Mix • Master • Mags • Carb Heat
Decclare = ATC / nearest tower / 121.5 • 7700 (77 heaven) • **911**
Execute = Doors • Spirals • S-turns • Slips • Flaps • **ELT**