

GFT KNEEBOARD

PLAN | FLY | VERIFY

ALWAYS READY

AVIATION SAFETY • QUICK REFERENCE

BEFORE FLIGHT

PLAN

NOTAMS/TFRs • Weather • Alternates
Runways vs Performance • Delays
Plan, Pack, Flights, File
Envision/Prayers/Serenity/Zen

PLANE

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

ALWAYS READY! NOSE DOWN!

TAKEOFF

GGUMMPSSS • Bug runway heading • Bug initial altitude • Flaps
Determine Pilot Flying vs. Pilot Troubleshooting
Plan partial or total loss of thrust
Check doors & windows • Secure phone
"Airspeed is alive" • "Making good power"
HDG, IAS/FLC, AP engaged

RADIO CALLS

Check frequency before using push to talk button
Who Are You? What am I? Who Am I?
Where Am I in 3D?
What is the Weather? What do I want or plan?
Vectors • Verify • Standby • Unable • Unfamiliar

ENROUTE

ATIS/AWOS • Brief
Build: PROC, baro min, nav ident, SBAS status, VOR check
Now and Next • Check AP modes • Check engine
GGUMMPSSS • CDI/HSI 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 or runway obstruction:
GO AROUND - ALL IN - FLAPS IN STAGES
Move throttle in the direction the aim point 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 rate 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 TROUBLE - ABCDE

Engine fluctuation/roughness: **FULL CARB HEAT**
Expect more roughness as ice melts
Airspeed = pitch to glide speed
Best = flattest, safest (hopefully a runway)
Checklist = Tanks • Pump • Mix • Master • Mags • Carb Heat
Decare = ATC / nearest tower / 121.5 • 7700 (77 heaven) • **911**
Execute = Doors • Spirals • S-turns • Slips • Flaps • **ELT**
Pan-Pan • Mayday Mayday Mayday