IFR CHECKLIST

PRIOR TO TAXI

1. Airports - Review in AFDM, AOPA Diagrams, Approach plates, Departure Procedures, SIDS, STARS
2. Weather – Options (Go, NoGo, Go Elsewhere, Go another route) – NOTAMS – Route and altitude.
3. Airplane - Certified IFR for approaches, runway length and other airport information Weight and Balance
4. Alternates : IFR alternate required (123 rule)
5. File IFR flight plan and finish flight planning procedure
6. Call GROUND (or appropriate CLEARANCE DELIVERY) and ask "…GROUND, WE ARE AT …, IFR FLIGHT PLAN TO … AND WE WOULD LIKE TO PICK-UP OUR CLEARANCE"
7. Annotate the clearance (CRAFT):
   - o Cleared to
   - o Route of flight
   - o Altitude of flight
   - o Frequency of departure
   - o Transponder
8. CALL GROUND AND TAXI

DURING TAXI

Check the following instruments:

- o Airspeed Indicator – should read "0"
- o Attitude Indicator – stabilized within 5 minutes; no more than ±5° error
- o Vertical Speed Indicator – "0" or note for the error
- o Altimeter – read airport elevation ± 75 feet
- o Turn-coordinator – little airplane goes direction of the turn, ball goes opposite
- o Heading Indicator – makes left turn & right turn
- o Alternate air – checked (if installed)
- o Marker Beacon – check
- o Transponder – set the code and ALT (before take-off)
- o Com radios – set the proper frequencies for TOWER and DEPARTURE

IN FLIGHT

- Organize the charts
- Set the appropriate navaid (TUNE – IDENTIFY – SET the course)
- Visualize the flight
- Lean the mixture above 3,000ft
- Check the temperature for ice
- Check the engine instruments
- Confirm any uncertainties with ATC

IN FLIGHT BEFORE COMMENCING THE APPROACH

- **PRE-APPROACH (5-A's)**
  ATIS
  Altimeter
  Airspeed
  Approach speed
  Avionics
- **HOLDING PROCEDURES (5-T's)**
  T ime
  T urn (start a standard rate turn crossing the fix : TO/FROM indication)
  T wist (set the OBS to the inbound course)
  T hrottle (reduce power to save fuel)
  T rack the proper inbound/outbound headings
  T alk (report to ATC when "established on the inbound course of the published holding" or other holding instructions)
- **SET UF FOR THE APPROACH (MGFIAT)**
  M iss procedure to review
  G uide with navaids and course guidance
  F requencies
  I nitial approach fix
  A ltitude
  T ime
- **10 minutes prior to IAF (Initial Approach Fix)**
  Nav radio - set for the approach
  Familiar with Approach
- **Arrival at IAF**
  Slow down at approach speed
  GUMMPSS check
- **Missed approach**
  Pitch and power
  Climb rate
  Flaps and gear
  When to turn
  Call missed

CLEARANCE SHORTHAND

Airway	V36 J6
Arrival	ARR
As Filed	AF
At (maintain)	@5000
At or above	5000
At or below	5000
Clearance Void	CV
Cleared	CLR
Climb	↑5000
Departure	(name)DP
Descend	↓2000
Direct	D→
DME fix	D28
East	E
Expect Further Clearance	EFC
Expedite	!!
Heading 330	330
Hold	H
Hold East	H-E
Holding pattern	⊂⊃
Inbound	IB
Maintain	@5000
North	N
Northwest	NW
Outbound	OB
Outer Marker	OM
Radar Vectors	RV
Radial 330	R330
Report	R---
Report passing 5000	RP-5000
Report ProcTurn Inbound	R-PTIB
Right Turn	RT
South	S
Southwest	SW
Squawk	T1269
Turn Left 330	L330
Turn Right 330	R330
West	W