



## GRUMMAN AA-5B NORMAL PROCEDURES CHECKLIST

\*This is to be used as a REFERENCE ONLY, it is not a substitute for the Airplane Flight Manual.

\*Refer to AFM/POH for amplified procedures. User assumes all risk of use in using this product. User consents to and understands that American Flight Schools bears no liability for the use of this product.

Vr.....50	Vno.....142
Vy (SL).....90 (10k).....79	Vne.....172
Vx (SL).....70 (10k).....72	App Flaps DN.....69
Vso.....53	App Flaps UP.....72
Vs.....56	Short Field App....63
Vfe.....103	Best Glide.....72
Va .....112	Max T/O.....2400lbs
Max Xwind.....16	Max LND.....2400lbs

Tower	
Ground	
ATIS	
Approach	
FSS	

### BEFORE STARTING ENGINE

1. Preflight Inspection.....Complete
2. Passenger Briefing.....Complete
3. Seats, Belts, Shoulder Harnesses .....  
.....Fastened and Adjusted
4. Electrical Equipment.....OFF
5. Parking Brake.....SET
6. Flight Controls.....Check

### NORMAL START

1. Master/Alternator Switch.....ON
2. Lights.....As required
3. Mixture.....SET
4. Carburetor Heat.....OFF
5. Fuel Selector.....Desired Tank
6. Prime.....As required
7. Aux Fuel Pump.....ON  
(Check pressure 0.5 - 8 PSI)
8. Propeller.....CLEAR
9. Ignition Switch..... LEFT
10. Throttle.....Open 1/4-inch
11. Starter Button.....Press
12. Ignition Switch..... BOTH
13. Oil Pressure.....Check  
*if no pressure within 30 seconds, shut down engine*
14. Engine.....1000 to 1200 RPM
15. Auxiliary Fuel Pump.....OFF
16. Flaps.....UP
17. Avionics.....ON

*If engine is primed too much (flooded), place the mixture to idle cutoff, open the throttle control ½ to full, and engage the starter motor (START). When engine starts, advance the mixture control to the FULL RICH position and retard the throttle promptly.*

### BEFORE TAXI

1. Mixture.....SET
2. Taxi Briefing.....Completed
3. Lights.....As required
4. Parking Brake .....OFF
5. Brakes .....Check
6. Flight instruments .....Check

### BEFORE TAKEOFF (RUN-UP)

1. Parking Brake.....SET
2. Flight Controls .....FREE and CORRECT
3. Throttle.....1800 RPM
4. Mixture.....SET
5. Engine Instruments.....Green
6. Ammeter.....Charging
7. Vacuum Gage.....4.6 to 5.4 in. Hg.
8. Magnetos.....Max Drop 175 RPM  
Max Diff. 50 RPM
9. Carburetor Heat.....Check
10. Throttle.....IDLE/ then 1000 RPM
11. Trim Tab.....set
12. Flaps.....Check, set UP
13. Throttle Friction Lock.....ADJUSTED
14. Fuel Selector.....switch to fullest tank
15. Aux Fuel Pump.....Check
16. Flight Instruments.....SET
17. Radios.....SET
18. Lights.....As required
19. Takeoff Briefing.....Completed
20. Parking Brake.....OFF

### TAKEOFF

1. Flaps.....UP
2. Carburetor Heat.....OFF
3. Auxiliary Fuel Pump.....ON
4. Throttle.....FULL OPEN
5. Elevator Control.....50 KIAS to 55 KIAS
6. Climb Speed.....90 KIAS

### SHORT-FIELD/OBSTACLE TAKEOFF

1. Flaps.....UP
2. Carburetor Heat.....OFF
3. Auxiliary Fuel Pump.....ON
4. Throttle.....FULL OPEN
5. Elevator.....Apply light back pressure  
...at 50 KIAS, lift nose wheel at 55 KIAS
6. Climb Speed.....65 KIAS  
.....until clear of obstacle

### CLIMB

1. Normal Climb Speed.....90 KIAS
2. Best Rate of Climb Speed .....79 KIAS
3. Best Angle of Climb Speed.....72 KIAS
4. Lights.....As required
5. Mixture.....SET

### CRUISING

1. Auxiliary Fuel Pump.....OFF
2. Power.....SET
3. Trim Tab.....SET
4. Mixture.....SET
6. Lights.....As required

### CAUTION

DO NOT OPEN CANOPY AT SPEEDS  
IN EXCESS OF 113 KCAS (130 MPH)

### DESCENT

1. Power.....As required  
.....avoid cont. ops 1850-2250 RPM
2. Mixture.....SET
3. Carburetor Heat.....As required
4. Trim Tab.....SET

### BEFORE LANDING

1. Seats, Belts, Shoulder Harnesses .....  
.....Fastened and Adjusted
2. Fuel Selector.....On fullest tank
3. Mixture.....SET
4. Auxiliary Fuel Pump.....ON
5. Carburetor Heat.....As required
6. Parking Brake.....OFF
7. Landing Light.....ON

### NORMAL LANDING

1. Flaps.....SET as required
2. Airspeed.....65 KIAS to 70KIAS
3. Touch down.....Main gear
4. Use rudder to maintain directional  
control
5. Brakes.....Use as required  
for stopping and directional control.

### OBSTACLE/SHORT FIELD LANDING

1. Flaps.....FULL
2. Airspeed.....63 KIAS
3. Touch down.....main gear
4. Elevator.....Full up control
5. Flaps.....UP
6. Brakes.....As required

### BALKED LANDING/MISSED APPROACH

1. Power.....Full throttle
2. Carburetor Heat.....OFF
3. Airspeed.....70 KIAS  
-Establish Climb Attitude-
4. Flaps.....Retract slowly  
.....maintain safe airspeed

### AFTER LANDING

1. Flaps.....UP
2. Auxiliary Fuel Pump.....OFF
3. Carburetor Heat.....OFF
4. Landing Light.....OFF

### SHUTDOWN/ SECURING

1. Avionics.....OFF
2. Electrical Equipment.....OFF
3. Mixture.....IDLE CUTOFF
4. Ignition.....OFF
5. Master Switch.....OFF
6. HOBBS/TACH.....Record
7. Control Lock.....Installed
8. Chocks/Tiedowns.....Installed