



Vol. 1

Grumman AA-5 Preflight Checklist

Italicized items have been added



PREFLIGHT

CABIN

Pitot Tube Cover REMOVE
Canopy OPEN
Registration/Airworthiness CHECK
POH/Weight & Balance CHECK
Parking Brake SET
Control Wheel Lock REMOVE
Magnetos OFF/KEYS VISIBLE
Avionics OFF
Throttle IDLE
Mixture IDLE/CUT-OFF
Carb Heat COLD (FULL IN)
Master ON
 Beacon ON
 Fuel Qty CHECK
 Flaps DOWN
 Ldg/Taxi/Nav/Strobe CHECK
Master OFF
Elevator Trim *Set T/O*
Fuel Selector FULLEST TANK
Fire Extinguisher CHECK

LEFT SIDE FUSELAGE

Static Source UNOBSTRUCTED
Fuselage CHECK

EMPENNAGE

Elevators FREEDOM OF MOVEMENT
Rudder FREEDOM OF MOVEMENT
Elevator Trim Tab SECURE
Tail Cone and Light SECURE
Tail Tie Down DISCONNECT

RIGHT SIDE FUSELAGE

Static Source CHECK
Fuselage UNDAMAGED
Antennas SECURE/UNDAMAGED

RIGHT WING

Tire/Brake CHECK
Flap CHECK
Aileron CHECK
Aileron Counterweight SECURE
Wing Tip Light ... SECURE/UNDAMAGED
Wing Inspection Plates SECURE
Wing Tie Down DISCONNECT
Fuel Tank Vent UNOBSTRUCTED

Fuel Quantity VERIFY
Fuel Cap SECURE
Fuel Tank Sump DRAIN

RIGHT COWL

Engine Baffles CHECK
Engine Cooling Opening OPEN
Engine Oil CHECK
Battery SECURE
Cowl CLOSED, **LATCHES POPPED**

NOSE

Propeller/Spinner CHECK
Cowling SECURE, UNDAMAGED
Carb Air Intake UNOBSTRUCTED
Nosewheel Strut/Tire CHECK
Engine Cooling Openings OPEN
Fuel Selector Valve DRAIN
Fuel Strainer Valve DRAIN
Alternator Belt SECURE
Landing Light CHECK

LEFT COWL

Windshield CHECK
OAT Gauge CHECK
Fuel Pump Overflow Drain OPEN
Fresh Air Vents OPEN
Oil Breather Vent UNOBSTRUCTED
Baffles SECURE
Cowl CLOSED, **LATCHES LOCKED**

LEFT WING

Fuel Quantity VERIFY
Fuel Cap SECURE
Fuel Tank Sump DRAIN
Tire/Brake CHECK
Fuel Tank Vent CHECK
Wing Tip Light SECURE/UNDAMAGED
Aileron Counterweight SECURE
Wing Inspection Plates SECURE
Wing Tie Down DISCONNECT
Pitot Tube CHECK
Stall Warning CHECK
Aileron Counterweight SECURE
Aileron CHECK
Flap CHECK



Grumman AA-5 Normal Checklist



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BEFORE START

Preflight Inspection COMPLETE
Passenger Briefing COMPLETE
Seats/Seat Belts/Harnesses SECURED
Brakes SET
Circuit Breakers IN
Avionics OFF
Electrical Equipment/Autopilot OFF
Fuel Selector FULLEST TANK

ENGINE START

Anti-Collision/Nav Lights AS REQUIRED
Mixture RICH
Throttle 1/8th INCH
Carb Heat OFF (Full in)
Prime (2-5 strokes; 0 if warm) AS REQ'D
Master ON
Auxiliary Fuel Pump TEST (.5-.8psi) & OFF
Propellor Area CLEAR
Magnetos ON BOTH
Starter Button PRESS
Throttle 1000 RPM
Oil Pressure CHECK
LOW/HIGH VOLTS Annunciator CHECK OFF
Mixture **LEAN FOR TAXI**

BEFORE TAXI

Avionics Switch ON
Radios/Electrical Equipment ON
Flight Instruments SET
Flaps UP

RUN UP

Parking Brake SET
Flight Controls FREE/CORRECT
Fuel Selector FULLEST
Primer IN/LOCKED
Mixture FULL RICH
Throttle 1800 RPM
Magnetos CHECK (125 max; 50 diff)
Carb Heat CHECK (rpm drop)
Eng. Inst./Amm CHECK
Suction Gauge CHECK (4.6-5.4 in Hg)
Annunciators OFF

Throttle Idle CHECK
Throttle 1000 RPM
Mixture **LEAN AS REQ'D**

FOULED SPARK PLUG/BURN OFF

Throttle 2000-2200 RPM
Mixture **LEAN TO PEAK EGT**
RPM **NOTE INCREASE (smoother running)**
Mixture FULL RICH
Throttle **REDUCE TO 1700 RPM**
Magnetos **REPEAT CHECK**

BEFORE TAKEOFF

Departure Briefing COMPLETE
Elevator Trim SET FOR T/O
Flaps SET FOR T/O
Fuel Selector FULLEST TANK
Primer Knob IN/LOCKED
Mixture FULL RICH
CARB HEAT OFF (Full in)
AUX FUEL PUMP ON
Flight Inst/Radios/Bugs CHECK/SET
Cabin Doors/Windows CLOSED/LATCHED
Parking Brake RELEASED

CLIMB

Flaps UP
Climb Power SET
Mixture AS REQ'D

CRUISE

Aux Fuel Pump OFF
Cruise power SET
Elevator Trim ADJUST
Mixture LEAN AS REQ'D
Fuel **CHANGE EVERY 30 MIN**
Lights AS REQUIRED

DESCENT/BEFORE LANDING

Arrival Briefing COMPLETE
Fuel Selector FULLEST TANK
Mixture RICH
Aux Fuel Pump ON
Carb Heat AS REQ'D
Flight Inst/Radios/Bugs CHECK/SET
Lights AS REQ'D
Flaps AS REQ'D
Seats/Seat Belts/Harnesses SECURED

AFTER LANDING

Lights AS REQ'D
Carb Heat COLD (Full in)
Aux Fuel Pump OFF
Flaps UP
Elevator Trim SET FOR T/O
Mixture **LEAN FOR TAXI**

SHUTDOWN/SECURING

Parking Brake SET
Throttle 1000 RPM
Avionics Switch OFF
Radios/Electrical Equipment OFF
Lights AS REQ'D
Throttle IDLE
Mixture Control IDLE CUTOFF
Magnetos Switch OFF
Master Switch OFF
Securing Aircraft Checklist **PERFORM**

FREQUENCIES

AAFC Unicom: 122.9 | VHF Guard: 121.5

St. Pete FSS: **122.4, 122.65** | 1-800-992-7433

KDAB

ATIS: **132.875** | Clearance: **119.3**

Ground: **121.9** | Tower: **118.1/120.7**

N. Dep/App: <=3500' **125.8** | >3500' **118.85**

S. Dep/App: <=3500' **125.35** | >3500' **127.075**

N. Practice Area: **122.85** | S. Practice Area: **123.5**



Grumman AA-5 Emergency Checklist



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Red items are WARNINGS

Vol. 1

ENGINE FAILURE DURING T/O ROLL

Directional Control MAINTAIN
Throttle IDLE
Brakes..... APPLY
Flaps..... *RETRACT*
Mixture IDLE CUTOFF
Magnetos OFF
Master..... OFF

ENGINE FAILURE IMMEDIATELY AFTER T/O

Airspeed [] IAW MANUAL
Flaps..... *AS REQUIRED*
Magnetos OFF
Master Switch OFF
Throttle IDLE
Fuel Selector Valve OFF
Seat Belt/Shoulder Harness SECURE
Land STRAIGHT AHEAD
Brakes..... APPLY HEAVILY

ENGINE FAILURE DUR. FLT. (Restart Proc.)

Airspeed [V_G =] IAW MANUAL
Fuel Selector Valve SWITCH
Mixture RICH
Throttle ADJUST
Carb Heat ON
Fuel Pump ON
Magnetos CHECK BOTH
Starter (if prop stopped) ENGAGE
Throttle BEST OPERATION
Repeat steps 2-8 prop wind milling
No Start..... FORCED LANDING CHECKLIST

FORCED LANDING WITHOUT POWER

Airspeed [V_G =] IAW MANUAL
ELT..... ACTIVATE
Radio..... MAYDAY 121.5
Transponder 7700
Fuel Selector Valve OFF
Mixture IDLE CUTOFF

Throttle IDLE
Fuel Pump..... OFF
Magnetos..... OFF
Flaps..... AS REQ'D
Master Switch OFF
Seat Belts/Shoulder Harness..... SECURE

ENGINE FIRE IN FLIGHT

Fuel Selector OFF
Mixture IDLE CUTOFF
Throttle IDLE
Cabin Air/Heat OFF
Fuel Pump..... OFF
Magnetos OFF
Forced Landing Checklist..... PERFORM

CABIN FIRE IN FLIGHT

Master OFF
Cabin Vents/Air/Heat CLOSED
Fire Extinguisher ACTIVATE
Cabin Vents/Air/Heat OPEN
Airport LAND

SPIN RECOVERY

Throttle IDLE
Ailerons NEUTRAL
Rudder FULL OPPOSITE DIRECTION OF SPIN
Yoke..... FORWARD
Rudder NEUTRALIZE
Recover From Dive PERFORM

SPEEDS

Vx Best Climb Angle 78MPH
Vy Best Climb Rate 91MPH
L/D Best Glide 80MPH
Normal Climb Speed 100MPH
VSO Stall Flaps Up 62MPH
VSO Stall Flaps Down 58MPH
Va Max Maneuver Speed 122MPH
Max Canopy Open..... 130MPH
Vne 190MPH

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