



**NORMAL V - SPEEDS IAS (MPH)**

Vso (Maximum weight).....	43
VS.....	47
Vr.....	40
VX.....	45
VY.....	75
VFE.....	85
VNO.....	121
VA.....	96
VNE.....	153
Best Glide.....	70
Approach Flaps.....	70
Normal Climb Out.....	80
Max Perf Climb At 50Ft.....	75
Enroute Climb.....	80

**PREFLIGHT**

**1. CABIN**

Weather.....	CHECK
Weight & Balance.....	COMPLETE
Documents (AROW).....	CHECK
POH.....	AVAILABLE IN THE AIRPLANE
Inspection/AD status.....	CHECK
Fire Extinguisher.....	CHARGED
Hobbs/Tach.....	CHECK
Control lock.....	REMOVE
Ignition Switch.....	OFF
Avionics Power Switch.....	OFF
Mixture.....	IDLE CUT-OFF
Master.....	ON
Fuel Quantity.....	CHECK
Flaps.....	FULL
Lights.....	ON/INSPECT/OFF
Master.....	OFF
Fuel Selector Valve.....	ON/BOTH

**EXTERIOR INSPECTION**

**Aft Fuselage**

Baggage Door.....	LOCKED
Fuselage.....	CHECK

**2. RIGHT WING**

Right Flap.....	CHECK
Right Aileron.....	CHECK

**PREFLIGHT**

**EXTERIOR INSPECTION (Cont.)**

**2. RIGHT WING (Cont.)**

Antennas.....	CHECK
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**3. RIGHT WING**

Leading Edge.....	CHECK
Fuel Quantity.....	CHECK
Fuel Filler Cap (Vent point front).....	SECURE
Fuel Sump.....	CHECK
Vgs No more than 5 missing/damaged.....	CHECK

**4. LANDING GEAR**

Wing Tie Down.....	REMOVE
Main Wheel.....	CHECK

**5. NOSE**

Fuel Strainer.....	CHECK
Oil Quantity (6-8 qts).....	CHECK
Cooling Inlets.....	CHECK
Prop. & Spinner.....	CHECK
Air Filter.....	CHECK
Alternator Belt.....	SECURE
Windshield.....	CLEAN

**4. LANDING GEAR**

Wing Tie Down.....	REMOVE
Main Wheel.....	CHECK

**3. LEFT WING**

Leading Edge.....	CHECK
Taxi/Landing Light.....	CHECK
Fuel Quantity.....	CHECK
Fuel Filler Cap (Vent points front).....	SECURE
Fuel Sump.....	CHECK
Pitot/Static Tube.....	CHECK
Vgs No more than 5 missing/damaged.....	CHECK

**2. LEFT WING**

Left Flap.....	CHECK
Left Aileron.....	CHECK

**2. EMPENAGE**

Tail Braces.....	CHECK
Tie-Down.....	REMOVE
Tail Wheel.....	CHECK
Preflight Checklist.....	COMPLETE

**BEFORE START ENGINE**

Preflight Inspection.....	COMPLETE
Passenger Briefing.....	COMPLETE
Seats/Belts/Harness.....	SECURE
Fuel Selector Valve.....	BOTH
Brakes.....	TEST & SET
Circuit Breakers.....	CHECK IN
Door.....	CLOSED
Before Start Engine Checklist.....	COMPLETE

**ENGINE START**

Start Clearance.....	OBTAIN
Navigation Lights.....	ON
Throttle.....	1/8 INCH OPEN
Mixture.....	RICH
Carburetor Heat.....	COLD
Prime.....	AS REQUIRED
Master.....	ON
Propeller Area.....	CLEAR
Ignition.....	START
Throttle.....	IDLE 1000 RPM
Oil Pressure.....	CHECK
Mixture.....	LEAN for TAXI
Engine Start Checklist.....	COMPLETE

**TAXI**

Avionics Master.....	ON
Transponder.....	SET-STAND BY
Flaps.....	RETRACT
Landing Lights.....	ON
Parking Brakes.....	RELEASE
Brake.....	TEST
Throttle.....	APPLY SLOWLY
Steering.....	CHECK
Flight Instruments.....	CHECK
Taxi Clearance.....	OBTAIN
Taxi Checklist.....	COMPLETE

**RUNUP**

Brakes.....	SET
Seats/Belts/Harness.....	SECURE
Doors/Windows.....	CLOSED
Controls.....	FREE & CORRECT
Flight Instruments.....	SET
Fuel Selector Valve.....	BOTH
Fuel Quantity.....	CHECK
Mixture.....	RICH (below 3000')
Throttle.....	1800 RPM
Mixture.....	Adjust 3000'+
Magnetos.....	L-BOTH-R-BOTH (100/50)
Carburetor Heat.....	CHECK
Ammeter.....	CHECK
Engine Instruments.....	CHECK
Throttle.....	IDLE then 1000 RPM
Radios and Avionics.....	SET
Elevator Trim.....	NEUTRAL
Brakes.....	RELEASE
Runup Checklist.....	COMPLETE

# PIPER PA-18A-150

## HK-630-G



**AEROCCIDENTE**  
Escuela de Aviación

# Company Checklist

### PRE-TAKEOFF

Emergency Procedures.....REVIEW  
Landing Light.....ON  
Transponder.....ALT  
Doors & Windows.....CLOSED  
Mixture.....RICH  
.....150° F RICHER REF. EGT  
Pre-Takeoff Checklist.....COMPLETE

### NORMAL TAKEOFF

Flaps.....UP  
Carburetor Heat.....COLD  
Throttle.....Full OPEN  
Engines Instruments.....CHECK  
Vr.....40  
Climb Speed.....45 - Vx  
.....75 - Vy  
Brakes.....APPLY Momentarily Airborne  
Normal Takeoff Checklist.....COMPLETE

### SHORT FIELD TAKEOFF

Flaps.....UP  
Carburetor Heat.....COLD  
Brakes.....APPLY  
Throttle.....FULL OPEN  
Mixture.....RICH  
.....Above 3000 ft LEAN  
Engine Instruments.....CHECK  
Brakes.....RELEASE  
Elevator Control.....TAIL LOW  
Climb.....59  
.....Then MAX PERFORMANCE CLIMB  
Brakes.....APPLY Momentarily  
Short Field Takeoff Checklist.....COMPLETE

### AFTER TAKEOFF

Throttle.....FULL OPEN  
Mixture.....RICH o LEAN to max RPM  
Airspeed.....70  
Flaps.....RETRACT  
After Takeoff Checklist.....COMPLETE

### CRUISE

Airspeed.....CRUISE  
.....No more than 75%  
Power.....2200 - 2700 RPM  
Elevator Trim.....ADJUST  
Mixture.....LEAN  
Landing Light.....OFF  
Cruise Checklist.....COMPLETE

### DESCENT

Landing Light.....ON  
Power.....AS DESIRED  
Mixture.....ADJUST  
Carburetor Heat.....AS REQUIRED  
App & Landing Briefing.....COMPLETED  
Descent Checklist.....COMPLETE

### BEFORE LANDING

Seats/Belts/Harness.....SECURE  
Fuel Selector Valve.....BOTH  
Mixture.....RICH  
Carburetor Heat.....ON  
Airspeed Flaps UP.....85  
Flaps.....AS DESIRED  
Airspeed Flaps DOWN.....65  
Elevator Trim.....ADJUST  
Before Landing Checklist.....COMPLETE

### NORMAL LANDING

Directional Control.....MAINTAIN  
Ailerons.....KEEP UPWIND WING LOW  
Rudder.....HOLD RUNWAY ALIGNMENT  
Braking.....MINIMUM REQUIRED  
Normal Landing Checklist.....COMPLETE

### GO-AROUND

Throttle.....FULL OPEN  
Carburetor Heat.....COLD  
Flaps (Retract slowly).....RETRACT  
Airspeed.....55  
Obstacle.....CLEAR  
Airspeed.....70  
Go Around Checklist.....COMPLETE

### AFTER LANDING

Flaps.....RETRACT  
Transponder.....STAND BY  
Mixture.....LEAN for TAXI  
Landing Light.....AS REQUIRED  
After Landing Checklist.....COMPLETE

### SHUTDOWN

Brakes.....SET  
Landing Light.....OFF  
Avionics Master.....OFF  
Mixture.....IDLE CUT-OFF  
Ignition.....OFF  
Master.....OFF  
Navigation Lights.....OFF  
Shutdown Checklist.....COMPLETE

### SECURE

Control Lock.....INSTALL  
Hobbs/Flight Ticket.....RECORD  
Fuel Selector Valve.....OFF  
Trash.....REMOVE  
Doors/Windows.....LOCKED  
Tie-Downs.....SECURE  
Flight Plan.....CLOSE  
Secure Checklist.....COMPLETE

## EMERGENCY PROCEDURES

### ENGINE FAILURE DURING TAKEOFF RUN

Directional Control.....MAINTAIN  
Throttle.....IDLE  
Brakes.....APPLY  
Flaps.....RETRACT  
Mixture.....IDLE CUT-OFF  
Ignition.....OFF  
Master.....OFF

### ENGINE FAILURE AFTER TAKEOFF

Airspeed.....70 FLAPS UP  
Mixture.....IDLE CUT-OFF  
Fuel Selector Valve.....OFF  
Ignition.....OFF  
Flaps.....AS REQUIRED  
Master.....OFF  
Cabin Doors.....UNLATCH  
Land.....STRAIGHT AHEAD

### ENGINE FAILURE DURING FLIGHT

Airspeed.....70  
Carburetor Heat.....ON  
Primer.....IN and LOCKED  
Fuel Shutoff Valve.....BOTH  
Mixture.....RICH  
Ignition.....BOTH  
(or START If propeller has Stopped)



**EMERGENCY SPEEDS  
IAS (MPH)**

Engine Failure Airspeed..... 70  
Maneuvering..... 96  
Best Glide (Flaps & UP)..... 70

**RADIO AND TRANSPONDER**

Locations and Intentions..... TRANSMIT  
.....CURRENT FREQUENCY & OR 121.5  
TRANSPONDER SPECIAL CODES  
Emergency..... 7700  
Radio Failure..... 7600  
Hijack..... 7500

**EMERGENCY POWER OFF LANDING**

Seats/Belts/Harness..... SECURE  
Airspeed Flaps UP..... 70  
Throttle..... CLOSE  
Mixture..... IDLE CUT-OFF  
Fuel Selector Valve..... OFF  
Ignition Switch..... OFF  
Flaps..... AS REQUIRED  
..... (FULL FLAPS RECOMMENDED)  
Master..... OFF  
Door..... UNLATCH  
Touchdown..... TAIL LOW  
Brakes..... APPLY HEAVILY

**LANDING WITH ENGINE POWER**

Seats/Belts/Harness..... SECURE  
Fuel Selector..... BOTH  
Flaps..... FULL  
Airspeed..... 60  
Field..... FLY OVER  
Master..... OFF  
Doors..... UNLATCH  
Touchdown..... TAIL LOW  
Ignition..... OFF  
Brakes..... APPLY HEAVILY

**FIRES**

**FIRE DURING ENGINE START**

Cranking.....CONTINUE  
Mixture.....IDLE CUT-OFF  
Throttle.....FULL OPEN  
Engine.....SHUTDOWN  
Ignition.....OFF  
Parking Brakes.....RELEASE  
Fuel Selector Valve.....OFF  
Airplane.....EVACUATE  
Fire.....EXTINGUISH  
Fire Damage.....INSPECT

**ENGINE FIRE IN FLIGHT**

Mixture..... IDLE CUT-OFF  
Fuel Shutoff Valve..... OFF  
Master.....OFF  
Cabin Heat & Air..... OFF  
Airspeed..... 100  
*(If fire is not extinguished increase glide  
speed to find an airspeed which will  
provide an incombustible mixture)*  
Forced Landing.....EXECUTE

**ELECTRICAL FIRE**

Master.....OFF  
Avionics Master..... OFF  
All Other Switches except Ignition..... OFF  
Vent/Cabin Air/Heat..... CLOSED  
Fire Extinguisher..... ACTIVATE  
Vents..... OPEN When FIRE OUT  
*(If fire is out and electrical is necessary for flight)*  
Master.....ON  
Circuit Brake..... CHECK  
**(DO NOT RESET!)**  
Radios.....OFF  
Avionics Master.....ON  
Radios Electric..... ON, one at a time  
Vent/Air/Heat..... OPEN

**FIRES**

**CABIN FIRE**

Master..... OFF  
Vent/Air/Heat..... CLOSED  
Fire Extinguisher..... ACTIVATE  
Cabin.....VENTILATE  
Land..... ASAP

**ELECTRICAL MALFUNCTIONS**

**AMMETER SHOWS EXCESSIVE**

**RATE OF CHARGE**

Alternator.....OFF  
Non-Essential Electrical Equipment.....OFF  
Flight.....TERMINATE ASAP

**LOW-VOLTAGE LIGHT**

Field, Bus Sense Alternator CBs..... CHECK IN  
.....IF ANY TRIPPED.....RESET  
Avionics Master.....OFF  
Master OFF THEN ON  
Low Voltage Light CHECK OFF  
Avionics Power ON  
*(If over-voltage light illuminates again)*  
Alternator CBs OFF  
Non-Essential Electrical Equipment OFF  
Flight TERMINATE ASAP

**AMMETER INDICATE DISCHARGE**

Alternator..... OFF  
Non-Essential Electrical Equipment.....OFF  
Flight..... TERMINATE ASAP

**LOSS OF OIL PRESSURE**

**PARTIAL**

Land..... ASAP

**COMPLETE LOSS**

Land..... ASAP  
Altitude..... MAINTAIN  
Power..... DON'T CHANGE  
If Oil, Smoke, Temperature increase  
Land..... IMMEDIATELY  
If Engine Stops..... POWER OFF LANDING

**HIGH OIL TEMPERATURE**

Land..... ASAP  
Airspeed..... INCREASE  
Power..... REDUCE  
Mixture..... ENRICH

**ENGINE ROUGHNESS**

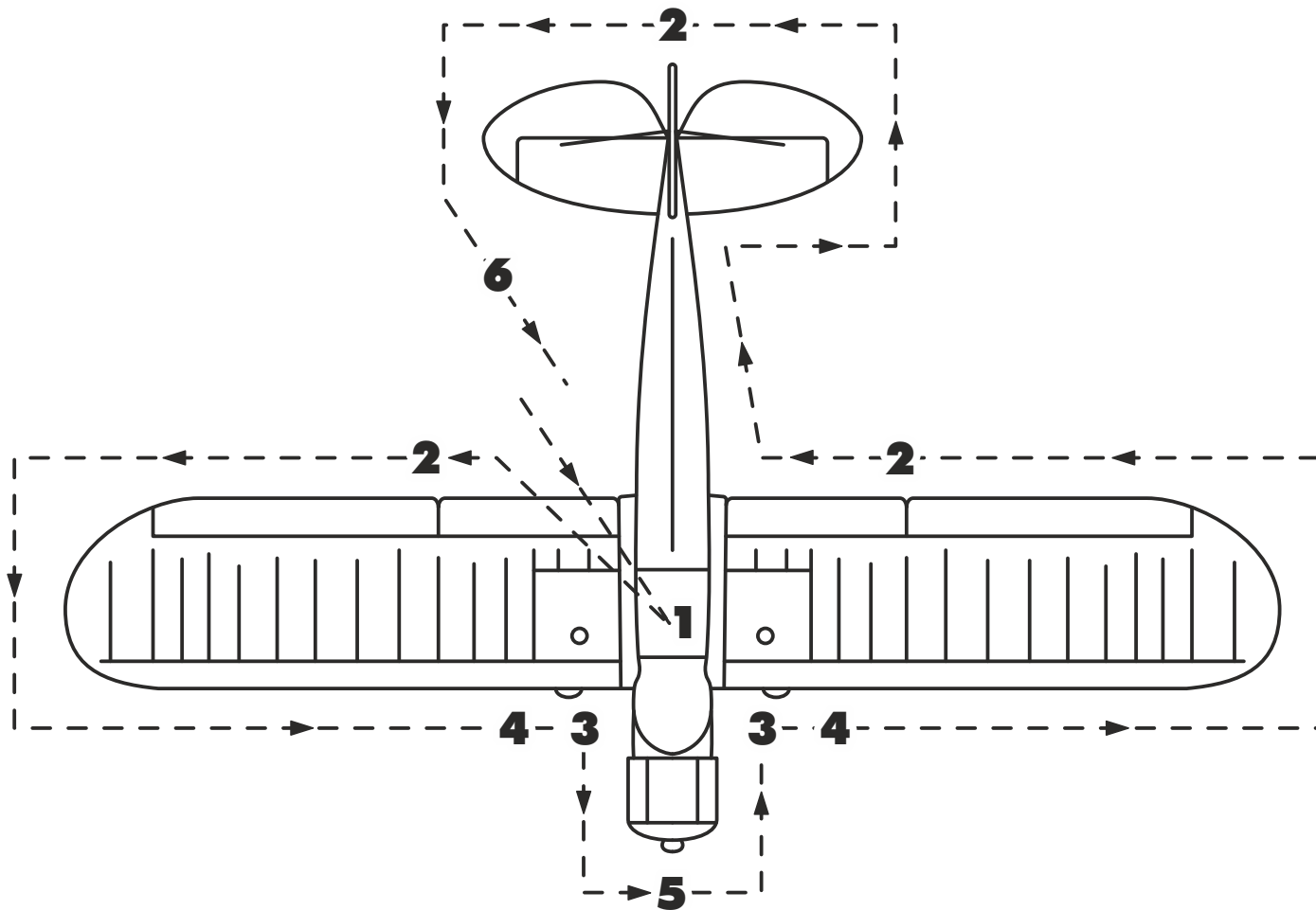
Carburetor Heat..... ON  
Mixture..... ADJUST  
Fuel Selector Valve..... CHANGE POSITION  
Engine Gauges..... CHECK  
Ignition Switch..... L-R-BOTH

**SPIN RECOVERY**

Throttle.....IDLE  
Rudder...FULL OPPOSITE DIRECTION OF SPIN  
Control Stick.....FORWARD OF NEUTRAL  
.....AS REQUIRED TO BREAK STALL  
Rudder(When Rotation Stops)NEUTRALIZE  
Control Stick.....REGAIN LEVEL FLIGHT



# PREFLIGHT INSPECTION



## Passenger SAFETY Briefing

### Seatbelts:

Los cinturones de seguridad deben encontrarse abrochados y ajustados para el rodaje, despegue y aterrizaje.

Los arneses deben encontrarse abrochados y ajustados durante el despegue y aterrizaje.

Los asientos deben encontrarse ajustados y seguros.

### Air:

Ventilación en raíz del plano y controlada desde la cabina.

Control ambiental (Calefacción).

En caso de mareo, bolsas en guantera o asientos.

### Fire:

Extintor de incendios en la parte posterior de los asientos.

### Exit:

Puertas (Manera de abrirlas).

Plan de evacuación de emergencia.

Botiquín de Primeros Auxilios.

Equipo de supervivencia.

### Traffic:

Transito, Escaneo y Notificación al piloto.

Cabina estéril (Celulares, distracción).

### You:

Preguntas e inquietudes.