

Arapahoe Flight Club

PA-28 EMERGENCY PROCEDURES (V 3.0)



ENGINE FIRE DURING START

| | |
|--------------------|--------------|
| STARTER | CRANK ENGINE |
| MIXTURE | IDLE CUT-OFF |
| THROTTLE | OPEN |
| ELECTRIC FUEL PUMP | OFF |
| FUEL SELECTOR | OFF |

ENGINE POWER LOSS DURING TAKEOFF

| | |
|--------------------|--------------|
| FUEL SELECTOR | FULLEST TANK |
| ELECTRIC FUEL PUMP | CHECK ON |
| MIXTURE | CHECK RICH |
| CARBURETOR HEAT | ON |

ENGINE POWER LOSS IN FLIGHT

| | |
|-------------------------------|--------------|
| AIRPEED | 80 MPH |
| <i>if altitude permits</i> | |
| FUEL SELECTOR | SWITCH TANKS |
| ELECTRIC FUEL PUMP | ON |
| MIXTURE | RICH |
| CARBURETOR HEAT | ON |
| ENGINE GAUGES | CHECK |
| <i>when power is restored</i> | |
| CARBURETOR HEAT | OFF |
| ELECTRIC FUEL PUMP | OFF |

POWER OFF LANDING

| | |
|-------------------|--------------------|
| TRIM FOR | 80 MPH |
| FLAPS | AS DESIRED |
| THROTTLE | CLOSED |
| MIXTURE | IDLE CUT-OFF |
| MAGNETOS | OFF |
| MASTER SWITCH | OFF |
| ALTERNATOR SWITCH | OFF |
| FUEL SELECTOR | OFF |
| SEAT BELTS | TIGHT |
| DOOR | UNLOCK/ UNLATCH |

FIRE IN FLIGHT

ELECTRICAL FIRE

| | |
|--------------------------|------|
| MASTER SWITCH | OFF |
| ALTERNATOR SWITCH | OFF |
| VENTS | OPEN |
| CABIN HEAT | OFF |
| LAND AS SOON AS POSSIBLE | |

ENGINE FIRE

| | |
|--------------------------------|--------------|
| FUEL SELECTOR | OFF |
| THROTTLE | CLOSED |
| MIXTURE | IDLE CUT-OFF |
| ELECTRICAL FUEL PUMP | OFF |
| MASTER SWITCH | OFF |
| IGNITION SWITCH | OFF |
| PROCEED WITH POWER OFF LANDING | |

LOSS OF FUEL PRESSURE

| | |
|----------------------|--------------|
| ELECTRICAL FUEL PUMP | ON |
| FUEL SELECTOR | FULLEST TANK |

CARBURETOR ICING

| | |
|-----------------|------------------------------|
| CARBURATOR HEAT | ON |
| MIXUTRE | ADJUST FOR MAX SMOOTHNESS |

ENGINE ROUGHNESS

| | |
|---|--------------------------|
| CARBURETOR HEAT | ON |
| <i>If roughness continues after one minute:</i> | |
| CARBURETOR HEAT | OFF |
| MIXTURE | ADJUST UNTIL SMOOTH |
| ELECTRIC FUEL PUMP | ON |
| FUEL SELECTOR | SWITCH TANKS |
| ENGINE GAUGUES | CHECK |
| MAGNETO SWITCH | CHECK LEFT THEN RIGHT |

If operation is satisfactory on either magneto, continue on that magneto at reduced power and FULL RICH mixture to first airport.

SPIN RECOVERY (PARE)

| | |
|---------------|-------------------------------------|
| THROTTLE | IDLE |
| AILERONS | NEUTRAL |
| RUDDER | FULL OPPOSITE - dir. of rotation |
| CONTROL WHEEL | FULL FORWARD |
| RUDDER | NEUTRAL - when rotation stops |
| CONTROL WHEEL | AS REQUIRED |

OPEN DOOR

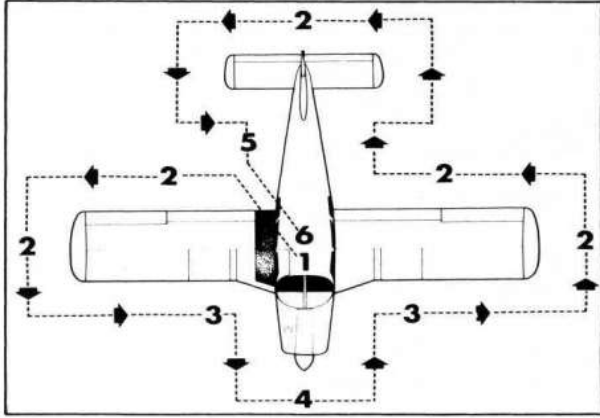
| | |
|---------------|---------|
| SLOW AIRPLANE | 100 MPH |
| CABIN VENTS | CLOSED |
| STORM WINDOW | OPEN |
| UPPER LATCH | LATCH |
| SIDE LATCH | LATCH |

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

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

Arapahoe Flight Club

PA-28 PRE-FLIGHT PROCEDURES (V 3.0)



| PREFLIGHT CHECK | |
|--------------------------|--------------------|
| REQUIRED DOCS (ARROW) | ON BOARD |
| CONTROL WHEEL | RELEASE RESTRAINTS |
| PARKING BRAKE | SET |
| AVIONICS | OFF |
| ALL SWITCHES | OFF |
| MIXTURE | IDLE CUT-OFF |
| MAGNETO SWITCHES | OFF |
| BATT. MASTER SWITCH | ON BOARD |
| FUEL GAUGES | CHECK QTY |
| ANNUNCIATOR PANEL | CHECK IF INSTALLED |
| BATT. MASTER SWITCH | OFF |
| FLAPS | EXTEND |
| PRIMARY FLIGHT CONTROLS | CHECK |
| TRIM | NEUTRAL |
| PITOT AND STATIC SYSTEMS | DRAIN |
| WINDOWS | CHECK CLEAN |
| TOWBAR AND BAGGAGE | SECURE |
| BAGGAGE DOOR | CLOSED |

| RIGHT WING | |
|----------------------|--------------------------------|
| SURFACE CONDITION | CLEAR ICE, FROST, SNOW |
| FLAP AND HINGES | CHECK |
| AILERON AND HINGES | CHECK |
| STATIC WICKS | CHECK |
| WING TIP AND LIGHTS | CHECK |
| FUEL TANK | CHECK QTY |
| FUEL TANK VENT | CLEAR |
| FUEL TANK SUMP | DRAIN, CHECK FOR WATER & DIRT |
| TIE DOWN AND CHOCKS | REMOVE |
| MAIN GEAR STRUT | PROPER SERVICE (4.5 +/- .25IN) |
| TIRE | CHECK |
| BRAKE BLOCK AND DISC | CHECK |
| FRESH AIR INLET | CLEAR |

| NOSE SECTION | |
|---------------------|---------------------------------|
| GENERAL CONDITION | CHECK |
| COWLING | SECURE |
| WINDSHIELD | CLEAN |
| PROPELLER & SPINNER | CHECK |
| AIR INLETS | CLEAR |
| ENGINE BAFFLE SEALS | CHECK |
| CHOCKS | REMOVE |
| NOSE GEAR STRUT | PROPER SERVICE (3.25 +/- .25IN) |
| OIL | CHECK QTY |
| DIPSTICK | SECURE |
| OIL FILLER CAP | SECURE |
| FUEL STRAINER | DRAIN |

| LEFT WING | |
|----------------------|--------------------------------|
| SURFACE CONDITION | CLEAR ICE, FROST, SNOW |
| FRESH AIR INLET | CLEAR |
| FUEL TANK SUMP | DRAIN, CHECK FOR WATER & DIRT |
| FUEL TANK VENT | CLEAR |
| MAIN GEAR STRUT | PROPER SERVICE (4.5 +/- .25IN) |
| TIRE | CHECK |
| BRAKE BLOCK AND DISC | CHECK |
| TIE DOWN AND CHOCKS | REMOVE |
| FUEL TANK | CHECK QTY |
| PITOT STATIC COVER | REMOVE |
| WING TIP AND LIGHTS | CHECK |
| AILERON HINGES | CHECK |
| FLAPS AND HINGES | CHECK |
| STATIC WICKS | CHECK |

| FUSELAGE | |
|-----------------------|------------------------|
| ANTENNAS | CHECK |
| EMPENNAGE | CLEAR ICE, FROST, SNOW |
| STABILATOR & TRIM TAB | CHECK |
| TIE DOWN | REMOVE |

| MISCELLANEOUS | |
|-------------------------|------------|
| BATT MASTER SWITCH | ON |
| FLAPS | RETRACT |
| INTERIOR LIGHTING | CHECK |
| PITOT HEAT SWITCH | ON |
| EXTERIOR LIGHT SWITCHES | CHECK |
| PITOT HEAT | CHECK WARM |
| STALL WARNING | CHECK |
| ALL LIGHT SWITCHES | OFF |
| PITOT HEAT SWITCH | OFF |
| BATT MASTER SWITCH | OFF |
| PASSENGER(S) | BOARD |
| DOOR | CLOSED |
| SEAT BELTS | SECURE |