

Arapahoe Flight Club

PA-28 EMERGENCY PROCEDURES (V 3.1)



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

AIRSPPEED	85 MPH
<i>if altitude permits</i>	
FUEL SELECTOR	SWITCH TANKS
ELECTRIC FUEL PUMP	ON
MIXTURE	RICH
CARBURETOR HEAT	ON
ENGINE GAUGES	CHECK
PRIMER	CHECK LOCKED
<i>when power is restored</i>	
CARBURETOR HEAT	OFF
ELECTRIC FUEL PUMP	OFF

POWER OFF LANDING

TRIM FOR	85 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

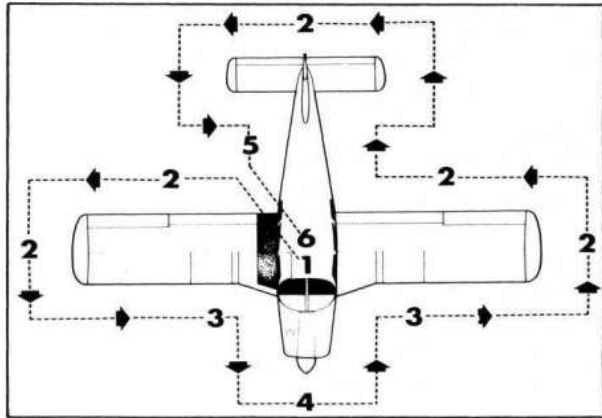
SLOW AIRPLANE	100 MPH
CABIN VENTS	CLOSED
STORM WINDOW	OPEN
UPPER LATCH	LATCH
SIDE LATCH	LATCH

*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 3.1)



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
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