

ARROW 3936T

STARTING ENGINE (COLD)

FUEL SELECTOR
PARKING BRAKE
AVIONICS / LIGHTS
THROTTLE
MASTER SWITCH
BEACON
ELECTRIC FUEL PUMP
PROP CONTROL
MIXTURE PRIME
PROPELLER AREA
STARTER
MIXTURE
THROTTLE
OIL PRESSURE
ALTERNATOR OUTPUT
VACUUM
AVIONICS
FLAPS
ATIS

FULLEST TANK
ON
OFF
OPEN 1/2 INCH
ON
ON
ON
FULL FORWARD
PRIME 4-5 SECONDS, THEN IDLE CUT OFF
CLEAR
PUSH KEY TO ENGAGE
FULL RICH AFTER START
1200-1500
CHECK
CHECK
CHECK
ON
UP
WIND / PRESS / ALPHABET

KCID:	ATIS	124.15
	APPROACH	119.70 / 134.05
	TOWER	118.7
	TPA	1,800

KIOW:	ASOS	128.075
	CTAF	122.8
	TPA	1,600

GREEN CASTLE 122.9 (RWY 15-33, TPA 1,500)

FSS FORT DODGE 122.55

STARTING ENGINE (HOT)

MIXTURE IDLE CUT OFF / DO NOT PRIME

STARTING ENGINE (FLOODED)

THROTTLE FULL OPEN
ELECTRIC FUEL PUMP OFF
MIXTURE IDLE CUT OFF / DO NOT PRIME

TAXIING

TAXI AREA CLEAR
PARKING BRAKE RELEASE
PROPELLER HIGH RPM
ELECTRIC FUEL PUMP OFF
BRAKES CHECK
STEERING CHECK

GROUND RUNUP CHECK

PARKING BRAKE	SET
MIXTURE	FULL RICH
PROPELLER	HIGH RPM
THROTTLE	2300 RPM
MAGNETO	MAX DROP 125 RPM
	MAX DIFF 50 RPM
VACUUM	4.8-5.1 HG
OIL PRESSURE	CHECK
OIL TEMP	CHECK
PROPELLER	EXERCISE 400 RPM THEN RELEASE (2)
ALTERNATE AIR	CHECK OPERATION
ELECTRIC FUEL PUMP	OFF
FUEL PRESSURE	CHECK
THROTTLE	RETURN TO CHECK IDLE
	RETURN TO 1200 RPM

BEFORE TAKE OFF

MASTER SWITCH	ON
FLIGHT INSTRUMENTS	SET (DG, ATTITUDE INDICATOR, ALTIMETER, RADIOS)
FUEL SELECTOR	PROPER TANK
ELECTRIC FUEL PUMP	ON
ENGINE GAGES	CHECK (OIL PRESS, OIL TEMP)
ALTERNATE AIR	CLOSED
SEATS	LOCKED AND ERECT
MIXTURE	SET (RICH UNLESS INCREASE DENSITY ALT)
PROPELLER	HIGH RPM
SEAT BELTS	FASTENED
FLAPS	SET
TRIM TAB	SET FOR TAKE OFF
FLIGHT CONTROLS	FREE AND CLEAR
DOORS	LATCHED
TIME OFF	RECORD

TAKE OFF / NORMAL

FLAPS	SET
TRIM TAB	SET
ROTATE	60-70 MPH
CLIMB AT VY	100 MPH
GEAR	RETRACT (WHEN CAN NO LONGER LAND)
CLIMB TO 500 FT AGL	CLIMBING LEFT TURN BELOW 1500 (CLASS C - 2,100 MSL)
CLIMB POWER	SET (24 INCHES / 2400 RPM)
ELECTRIC FUEL PUMP	OFF

CRUISE

LANDING LIGHT / FUEL PUMP	OFF
THROTTLE / PROP	24 INCHES / 2400 RPM
RADIO CALL	GREEN CASTLE / CEDAR RAPIDS APPROACH 119.7
STAY BELOW 1500 MSL	UNTIL SOUTH I-80 (CLASS C SFC/49. 21/49)
MIXTURE	LEAN