

N7238S

PREFLIGHT	
WX/WEIGHT/FP/AROW	COMPLETE
TIES, LOCKS, CHOCKS	REMOVED
PARKING BRAKE	SET
IGNITION SWITCH	OFF
MASTER	ON
• FUEL GAUGES	CHECK
• FLAPS	EXTEND
• PITOT HEAT SWITCH	ON/CHECK
• STROBES/NAVS/LANDING	ON/CHECK
PITOT/LIGHTS/MASTER	OFF
TRIM	TAKE OFF
FIRE EXTINGUISHER	SECURE/GREEN
FUSELAGE / ANTENNAS	CHECK
EMPENNAGE	MOVEMENT & SECURITY
FLAPS: HINGES,PINS,NUTS	SECURED
AILERONS: HINGES/MOVEMENT	CHECK
WING SURFACES/LEADING EDGE	CHECK
TIRES, LINES, BRAKES, STRUT	CHECK
FUEL	SUPPLY, SUMP, STRAIN
OIL	4-6 QUARTS
PROP CLEAN FROM NICKS & CUTS	CHECK
ENGINE COMPARTMENT	CLEAR
AIR FILTER	CLEAN
STATIC/PITOT/DRAIN	CLEAR
STALL WARNING VENT	CLEAR
STORAGE	LOCKED
HOBBS	LOGGED
PASSENGER BRIEF: SAFEST	
Seatbelts, Air vents, Fire extinguisher Exits, Sick, Talking	
PRE-START	
SEAT BACK, TRACK & BELTS	LOCK / ON
FUEL SELECTOR/VALVE	ON/BOTH
LIGHTS/ELECTRICAL/RADIOS	OFF
PARKING BRAKES	TEST/SET
CIRCUIT BREAKERS	IN
ENGINE START	
MIXTURE	RICH
CARB HEAT	COLD (IN)
PRIME	WARM WX 1-2 ; COLD WX UP TO 6 • BLACK SMOKE: OVER PRIMED/FLOODED • FLOODED: MIX LEAN, THROTTLE OPEN, CRANK SEV TIMES; REPEAT W/O PRIMING
THROTTLE	OPEN ½ INCH
PROP	CLEAR
MASTER	ON
BEACON	ON
IGNITION SWITCH	START
ENGINE ENGAGES	THROTTLE TO 1000 RPM
OIL PRESSURE	IN THE GREEN WITHIN 30 SEC'S • WINTER: 1 MINUTE
TIME	NOTED
PRE-TAXI / TAXI	
FLAPS	RETRACTED
MIXTURE	LEAN
RADIO/AVIONICS/TRANSPONDER	ON/ALT
FREQ/ATIS/ALTIMETER	SET
ALTIMETER	WITHIN 75'
LIGHTS	AS REQUIRED
TAXI CALL	RADIO TEST
BRAKES	TEST
INSTRUMENTS	CHECK
RUN UP	
BRAKES	SET/HOLD
LIGHTS	AS REQ'D
CABIN DOORS	LATCHED
INSTRUMENTS	SET
FLIGHT CONTROLS	FREE & CORRECT
TRIM	TAKE OFF
MIXTURE	RICH
THROTTLE	1700 RPM
MAGS TEST	SLIGHT DROP DIFF <75
CARB HEAT	RPM DROP
AMMETER	"ZERO" ... +/- 1 • NIGHT: LOAD ALL LIGHTS 3-5 SEC'S • NEEDLE WIDTH OF 0
SUCTION	4.6-5.4 in. Hg
OIL PRESS/TEMP	CHECK
FUEL TANKS	CHECK
THROTTLE/LOCK	IDLE CK / 1000
ABORT PLAN READY	
TAKE OFF ROLL:	Throttle Idle, Brake, Exit RWY
AFTER ROTATION W/USABLE:	Throttle Idle, Land
AFTER ROTATION, W/O USABLE, <1000:	Vg 65 MPH, best spot 30° nose, communicate, shut down, emg. landing
AFTER ROTATION >1000:	Vg 65 MPH, standard rate turn back to the field
PRE-TAKE OFF	
LIGHTS	AS REQUIRED
INSTRUMENTS	SET
TRANSPONDER	ALT
TIME	NOTED
SEAT BELTS, DOORS, WINDOWS	SECURED
BRAKE	RELEASE
TAKE OFF	
FLAPS	UP
CARB HEAT	COLD (IN)
THROTTLE	FULL OPEN
INSTRUMENTS	GREEN
AIRSPEED	ALIVE
V _R	55-60 MPH
V _Y	73 MPH
ENROUTE	
CLIMB	75-85 MPH
CRUISE	POWER 2000 to 2750 RPM (< 75%)
ELEVATOR TRIM	ADJUST
MIXTURE	LEAN
PRE-DESCENT/LANDING	
WX	OBTAINED
ALTIMETER	SET
RADIOS	SET
NAV/GPS	TUNE
SEATBELTS/DOORS/WINDOWS	SECURE
MIXTURE	RICH
CARB HEAT	ON
FLAPS	EXTEND <100 MPH
APPROACH AIRSPEED FLAPS UP	65-75 MPH
FLAPS DOWN	60-70 MPH
GO AROUND	
THROTTLE	FULL OPEN
CARB HEAT	COLD
FLAPS	Retract to 20°
AIRSPEED	73 MPH
FLAPS	RETRACT IN INCREMENTS

1967 CESSNA 150H

OPERATING SPEEDS: MPH	
VNE	NEV.EXCEED 162
VNO	CRUISE 120
VA	MANEUVER 109
VR	ROTATE 50
VX	57
VY	73
NORMAL CLIMB 75-80	
CLEAR RUNWAY	
LIGHTS	AS REQUIRED
CARB HEAT	COLD
MIXTURE	LEAN FOR TAXI
FLAPS	RETRACTED
TRANSPONDER	ALTITUDE
TRIM	SET FOR TAKE OFF
SHUTDOWN	
LIGHTS (EXCEPT BEACON)	OFF
AVIONICS	OFF
MIXTURE, MAGS, MASTER, BEACON	OFF
POST FLIGHT CHECK	
HOBBS/TACH	LOGGED
SQUAWKS	LOGGED
WINDOWS	CLEAN
CONTROL LOCK/BELTS	SET
SHADE	SET
TRASH/ITEMS	REMOVED
TIES, LOCKS, CHALKS	SECURE
DOORS	LOCKED
A/C INFORMATION	
MAX GROSS: 1600	BAGGAGE: AREA 1 (behind seat): 120
<u>FUEL: 100LL BLUE</u> CAPACITY P/TANK: 13 USEABLE P/TANK: 11	
<u>OIL CAPACITY: 4-6 QTS</u> SERVICE TO 5 QTS OIL WEIGHT: SAE 40 OR 50	
<u>ELECTRICAL: 14v DC</u> BATTERY: 12V ALTERNATOR: 60 AMP	
<u>TIRE PRESSURE</u> NOSE: 30 PSI MAINS: 21 PSI	
SERVICE CEILING: 12,650	
EFFECTIVE 03-30-24	
POWER LOSS IN FLIGHT / EMERGENCY LANDING	
A: AIRSPEED	65 MPH
B: BEST SPOT TO LAND	WIND DIR/VELOCITY
C: CHECK ENGINE	
• CARB HEAT	ON
• MIXTURE	RICH
• FUEL	BOTH
• PRIMER	IN/LOCKED
• MAGS	CHECK
D: DECLARE EMERGENCY	
• TWR, APP, Unicom	121.5
• SQUAWK	7700
• E.L.T.	ON
E: ENGINE SECURE	
• FUEL SELECTOR	OFF
• MIXTURE	FULL CUT-OFF
• THROTTLE	IDLE CUT-OFF
• FULL FLAPS	WHEN FIELD ASSURED
• AVIONICS, MASTER, MAGS	OFF
• SEAT BELTS/HARNESS	SECURE
• DOORS	UNLATCH/PROP
• FORCE LAND	PROTECT BODY
ENGINE FIRE	START UP NOT STARTED
THROTTLE	OPEN
MIXTURE / FUEL / SELECTOR	OFF
MAGS	TURN 5 SECONDS & SHUTDOWN
STARTED	
RUN A FEW MINUTES @ 1700 RPM	
• DRAW FLAMES IN CYLINDER	
MIXTURE / FUEL / SELECTOR	OFF
EXTERNAL EXTINGUISHER	
ENGINE FIRE	IN FLIGHT
MIXTURE	CUTOFF
FUEL SELECTOR	OFF
SLIP OR EMERGENCY DESCENT	EXT.FLAMES
MASTER/MAGS/ELECTRICAL	OFF
CABIN HEAT/AIR	OFF
IF FIRE NOT EXTINGUISHED	INCREASE SPEED
FORCED LANDING (W/O POWER)	EXECUTE ELECTRICAL
MASTER/ELECTRICAL	OFF
CABIN HEAT/AIR	OFF
DEFROSTER	OFF
LAND AS SOON AS PRACTICAL	
IF FIRE OUT, TEST EACH ELECT. DEVICE	
ONE AT A TIME	
IF FIRE EXTINGUISHED, VENTILATE CABIN	
IF NOT EXTINGUISHED: USE EXTINGUISHER, VENTILATE,	
EMERGENCY LANDING	
ENGINE	
FUEL SELECTOR	OFF
THROTTLE/MIXTURE	IDLE/CUT-OFF
VENTS	CLOSE
HEATER	OFF
RADIO FAILURE	
AUDIO PANEL	ON
CIRCUIT BREAKERS	IN
VOLUME	CHECK
ALT. SWITCH	RECYCLE