

N7186S FLIGHT CHECKLIST

PREFLIGHT	RUNUP	CRUISE
DOCUMENTS.....ARROW	BRAKES.....SET	POWER.....55-75%
TACH/HOBBS.....NOTE	FLIGHT INSTRUMENTS.....CHECK/SET	CARBURETOR HEAT.....COLD
CONTROL LOCK.....OUT	FUEL SELECTOR.....ON	MIXTURE.....AS REQUIRED
EMERGENCY EQUIPT.....CHECK	FLIGHT CONTROLS.....FREE & CORRECT	ELEVATOR TRIM.....SET
MAGNETOS.....OFF	MIXTURE.....RICH (BLO 3000 FT)	DESCENT
FUSES/CIRCUIT BREAKERS.....CHECK	THROTTLE.....1700 RPM	MIXTURE.....RICH
ELECTRICAL EQUIP.....OFF	FUSES/CIRCUIT BREAKERS.....CHECK	WEATHER.....OBTAIN
MASTER.....ON	VACUUM.....4.6 TO 5.4 IN Hg	LANDING LIGHT.....ON
FUEL QUANTITY.....CHECK	ENGINE INSTRUMENTS.....GREEN	BEFORE LANDING
FLAPS.....DOWN	AMMETER.....CHECK	APPROACH.....BRIEFED
LIGHTS/PITOT HEAT.....CHECK	MAG TEST.....150 RPM MAX DROP; 50 RPM DIFFERENTIAL	SEATS/BELTS.....SECURE
MASTER.....OFF	CARBURETOR HEAT.....CHECK & OFF	FUEL SELECTOR.....BOTH
EXTERIOR INSPECTION.....COMPLETE	THROTTLE.....IDLE, THEN 800 - 1000	MIXTURE.....RICH (BLO 3000 FT)
FUEL.....12 GAL MIN	FRICITION LOCK.....ADJUST	CARBURETOR HEAT.....AS REQUIRED
OIL.....4 QTS MIN		FINAL APP SPEED..60-65 KTS/65-70 MPH
TIRES (NOSE/MAINS).....CHECK	BEFORE TAKEOFF	BALKED LANDING
NOSE STRUT.....CHECK	AVIONICS.....SET	THROTTLE.....FULL
BEFORE START	ELEVATOR TRIM.....TAKEOFF	CARBURETOR HEAT.....COLD
PREFLIGHT.....COMPLETE	FLAPS.....UP/10°	RATE OF CLIMB.....POSITIVE
TIEDOWNS/CHOCKS.....OUT	DOORS/WINDOWS.....LATCHED	FLAPS.....RETRACT TO 10°
SEAT/BELTS.....SECURE	LIGHTS.....AS REQUIRED	AIRSPEED.....55 KNOTS/64 MPH
FUEL SELECTOR.....ON	TRANSPONDER MODE.....ALT	<i>After obstacles are cleared...</i>
MASTER.....OFF	PITOT HEAT.....AS REQUIRED	AIRSPEED.....67 KNOTS/78 MPH
ELECTRICAL EQUIP.....OFF	MIXTURE.....RICH(BLO3000 FT)	FLAPS.....UP AT SAFE ALT
FUSES/CIRCUIT BREAKERS.....CHECK	TAKEOFF.....BRIEFED	AFTER LANDING
PASSENGERS.....BRIEF (SAFETY)	EMERGENCY PROC.....BRIEFED	RADIO CALL.....CLEAR OF RUNWAY
START	TIME.....NOTE	PITOT HEAT.....OFF
BRAKES.....SET	THROTTLE.....FULL	CARBURETOR HEAT.....COLD
MASTER.....ON	ROTATE.....50 KNOTS/58 MPH	THROTTLE.....800 TO 1000 RPM
NAV LIGHTS (Night).....ON	FLAPS.....RETRACT SLOWLY	FLAPS.....UP
BEACON.....ON	CLIMB	LIGHTS.....AS REQUIRED
MIXTURE.....RICH	Vx.....55 KNOTS/64 MPH	MIXTURE.....LEAN MAX RPM
PRIME.....0 TO 3 STROKES	Vy.....67 KNOTS/78 MPH	TRIM.....SET FOR TAKEOFF
THROTTLE.....1/4 INCH	THROTTLE.....FULL	SHUTDOWN
PROP AREA.....CLEAR	CARBURETOR HEAT.....COLD	AVIONICS.....OFF
MAGNETOS.....START	MIXTURE.....LEAN(ABV 3000)	ELECT EQUIP.....OFF
PUSH TO START.....ENGAGE	FUEL SELECTOR.....BOTH	BEACON.....ON
THROTTLE.....800 - 1000 RPM	LIGHTS.....AS REQUIRED	MIXTURE.....FULL LEAN
OIL PRESSURE.....CHECK		MAGNETOS & KEYS.....OFF/OUT
AVIONICS MASTER.....ON		MASTER.....OFF
LIGHTS.....AS REQUIRED		TIEDOWNS/CHOCKS.....INSTALL
FLAPS.....UP		
WEATHER.....OBTAIN		
FLIGHT INSTRUMENTS.....CHECK/SET		
BRAKES.....CHECK		