

CESSNA N7186S FLIGHT CHECKLIST

PREFLIGHT

DOCUMENTS.....ARROW
 TACH/HOBBS.....NOTE
 CONTROL LOCK.....OUT
 EMERGENCY EQUIPT.....CHECK
 MAGNETOS.....OFF
 FUSES/CIRCUIT BREAKERS.....CHECK
 ELECTRICAL EQUIP.....OFF
 MASTER.....ON

FUEL QUANTITY.....CHECK
 FLAPS.....DOWN
 LIGHTS/PITOT.....CHECK
 MASTER.....OFF
 EXTERIOR INSPECTION.....COMPLETE
 OIL.....4 QTS MIN
 TIRES (NOSE/MAINS).....CHECK
 NOSE STRUT.....CHECK

BEFORE START

PREFLIGHT.....COMPLETE
 TIEDOWNS/CHOCKS.....OUT
 SEAT/BELTS.....SECURE
 FUEL SELECTOR.....ON
 MASTER.....OFF
 ELECTRICAL EQUIP.....OFF
 FUSES/CIRCUIT BREAKERS.....CHECK
 PASSENGERS.....BRIEF

START

BRAKES.....SET
 MASTER.....ON
 NAV LIGHTS (Night).....ON
 BEACON.....ON
 MIXTURE.....RICH
 PRIME.....0 TO 3 STROKES
 THROTTLE.....1/4 INCH
 PROP AREA.....CLEAR
 MAGNETOS.....START
 STARTER HANDLE.....PULL
 THROTTLE.....800 - 1000 RPM
 OIL PRESSURE.....CHECK
 AVIONICS MASTER.....ON
 LIGHTS.....AS REQUIRED
 FLAPS.....UP
 TRANSPONDER.....STBY
 WEATHER.....OBTAIN
 BRAKES.....CHECK
 GYROS.....CHECK/SET

RUNUP

BRAKES.....SET
 FLIGHT INSTRUMENTS.....CHECK/SET
 FUEL SELECTOR.....ON
 FLIGHT CONTROLS.....FREE & CORRECT
 MIXTURE.....RICH (BLO 3000 FT)
 THROTTLE.....1700 RPM
 ENGINE INSTRUMENTS.....GREEN
 AMMETER.....CHECK
 MAG TEST.....150 RPM MAX DROP;
 50 RPM DIFFERENTIAL
 CARBURETOR HEAT.....CHECK & OFF
 FUSES/CIRCUIT BREAKERS.....CHECK
 VACUUM.....4.6 TO 5.4 IN Hg
 THROTTLE.....800 - 1000
 FRICTION LOCK.....ADJUST

BEFORE TAKEOFF

AVIONICS.....SET
 ELEVATOR TRIM.....TAKEOFF
 FLAPS.....UP/10°
 DOORS/WINDOWS.....LATCHED
 LIGHTS.....AS REQUIRED
 TRANSPONDER MODE.....ALT
 PITOT HEAT.....AS REQUIRED
 MIXTURE.....RICH(BLO3000 FT)
 TAKEOFF.....BRIEFED
 EMERGENCY PROC.....BRIEFED
 TIME.....NOTE
 THROTTLE.....FULL
 ROTATE.....50 KNOTS/58 MPH
 FLAPS.....RETRACT SLOWLY

CLIMB

Vx.....55 KNOTS/64 MPH
 Vy.....67 KNOTS/78 MPH
 THROTTLE.....FULL
 CARBURETOR HEAT.....COLD
 MIXTURE.....LEAN(ABV 3000)
 FUEL SELECTOR.....BOTH
 LIGHTS.....AS REQUIRED

CRUISE

POWER.....55-75%
 CARBURETOR HEAT.....COLD
 MIXTURE.....AS REQUIRED
 ELEVATOR TRIM.....SET

DESCENT

MIXTURE.....RICH
 WEATHER.....OBTAIN
 LANDING LIGHT.....ON

BEFORE LANDING

APPROACH.....BRIEFED
 SEATS/BELTS.....SECURE
 FUEL SELECTOR.....BOTH
 MIXTURE.....RICH (BLO 3000 FT)
 CARBURETOR HEAT.....AS REQUIRED
 FINAL APP SPEED..60-65 KTS/65-70 MPH

BALKED LANDING

THROTTLE.....FULL
 CARBURETOR HEAT.....COLD
 RATE OF CLIMB.....POSITIVE
 FLAPS.....RETRACT TO 10°
 AIRSPEED.....55 KNOTS/64 MPH
 After obstacles are cleared...
 AIRSPEED.....67 KNOTS/78 MPH
 FLAPS.....UP AT SAFE ALT

AFTER LANDING

RADIO CALL.....CLEAR OF RUNWAY
 PITOT HEAT.....OFF
 CARBURETOR HEAT.....COLD
 THROTTLE.....800 TO 1000 RPM
 FLAPS.....UP
 LIGHTS.....AS REQUIRED
 XPDR.....SBY
 MIXTURE.....LEAN MAX RPM
 TRIM.....SET

SHUTDOWN

AVIONICS.....OFF
 ELECT EQUIP.....OFF
 BEACON.....ON
 MIXTURE.....FULL LEAN
 MAGNETOS & KEYS.....OFF/OUT
 MASTER.....OFF
 TIEDOWNS/CHOCKS.....INSTALL

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C-150 N7186S EMERGENCY PROCEDURES

ENGINE FIRE DURING FLIGHT

MIXTURE.....IDLE CUTOFF
 FUEL SELECTOR.....OFF
 ALT & BAT MASTERS.....OFF
 CABIN HEAT & AIR.....OFF
 OVERHEAD VENTS.....OPEN
 LAND.....IMMEDIATELY

LOW VOLTAGE LIGHT ILLUMINATES

Ammeter Indicates Discharge

AVIONICS MASTER.....OFF
 ALTERNATOR CB(ALT FLD)....CHECK IN
 ALT & BAT MASTERS.....OFF
 ALT & BAT MASTERS.....ON
 LOW VOLTS LIGHT.....CHECK OFF
 AVIONICS MASTER.....ON

VOLTS illuminates again....

ALT MASTER.....OFF
 ELECTRICAL LOAD.....REDUCE
 DIVERT.....NRST ALTERNATE

AMMETER SHOWS EXCESSIVE CHARGE

ALTERNATOR MASTER.....OFF
 ELECTRICAL LOAD.....REDUCE
 DIVERT.....NRST ALTERNATE

V-SPEEDS

BEST GLIDE.....60 KNOTS/70 MPH
 V_{so}.....41 KNOTS/48 MPH
 V_{s1}.....46 KNOTS/54 MPH
 V_r.....50 KNOTS/58 MPH
 V_x.....55 KNOTS/64 MPH
 V_y.....67 KNOTS/78 MPH
 V_a.....87 KNOTS/100 MPH
 V_{fe}.....85 KNOTS/100 MPH
 V_{no}.....106 KNOTS/123 MPH
 V_{ne}.....140 KNOTS/162 MPH
 Enroute Climb.....65-74 KNOTS/75-86 MPH
 Approach Speed.....60 KNOTS/65 MPH

This checklist is for training purposes only!
 Please refer to POH for more complete information.

ENGINE FAILURE IN FLIGHT

TURN TOWARDS SAFE TERRAIN
 AIRSPEED.....60 KNOTS/70 MPH
 BEST LANDING SPOT.....SELECT
 CARBURATOR HEAT.....ON
 FUEL SELECTOR.....ON
 PRIMER.....IN & LOCKED

MIXTURE.....RICH
 MAGNETOS.....BOTH or START
 If engine does not start, advance
 throttle slowly from idle until a start is
 obtained..... If no start.....

MIXTURE.....LEAN

Declare Emergency

SQUAWK.....7700
 COMMUNICATE.....ON 121.5

EMERGENCY LANDING IN FLIGHT

SEATS/BELTS.....SECURE
 AIRSPEED
 0° - 10°.....65 KNOTS
 10° - FULL.....60 KNOTS

MIXTURE.....IDLE CUTOFF
 FUEL SELECTOR.....OFF
 MAGNETOS.....OFF
 FLAPS.....AS REQUIRED

ALT & BAT MASTERS.....OFF
 DOORS.....PROP OPEN

CABIN/ELECT FIRE INFLIGHT

EMERG DESCENT.....INITATE
 ALT & BAT MASTERS.....OFF
 CABIN HEAT/DEFROST.....OFF
 WINDOW.....CLOSED
 AVIONICS MASTER.....OFF
 ELECT EQUIP.....OFF

If fire is completely extinguished...

EMERG DESCENT.....TERMINATE
 WINDOWS.....OPEN
 DIVERT.....NRST ALTERNATE

If fire is NOT extinguished, land
 immediately