



**CESSNA 182T NAV III
CESSNA SKYLANE
NORMAL CHECKLISTS**

PREFLIGHT: CABIN

- REGISTRATION/AIRWORTHINESS CERTIFICATE CHECK
- POH ACCESSIBLE TO PILOT
- WEIGHT AND BALANCE..... CHECK/COMPLETE
- COCKPIT REFERENCE GUIDE ACCESSIBLE TO PILOT
- CONTROL WHEEL LOCK..... REMOVE
- MASTER OFF
- MAGS..... OFF
- BEACON ON
- AVIONICS OFF
- THROTTLE IDLE
- PROP..... FULL FORWARD
- MIXTURE..... IDLE
- FLAPS.....UP
- FUEL SELECTOR..... BOTH
- FUEL SHUTOFF VALVEIN
- TRIM T/O
- ALTERNATE STATIC TEST
- HOBBES & TACH RECORD
- STANDBY BATTERY TEST/ON
- PFD ON
- STANDBY BATTERY OFF
- MASTER ON
- AVIONICS BUS 1..... ON
- AVIONICS COOLING FAN CHECK
- AVIONICS BUS 1..... OFF
- AVIONICS BUS 2..... ON
- AVIONICS COOLING FAN CHECK
- AVIONICS BUS 2..... OFF
- PFD ON
- FLAPS..... DOWN
- FUEL GUAGES CHECK
- ANNUNCIATOR PANEL TEST

PREFLIGHT: CABIN (CONTINUED)

LIGHTS TEST
PARKING BREAK SET
360 WALKAROUND COMPLETE
MASTER OFF

EMPENAGE

WINDOWS..... CLEAN
BAGGAGE DOOR..... CLOSED
STATIC PORT (AUTOPILOT)..... CLEAR
ELEVATOR/HORIZONTAL STABILIZER..... INSPECT
GROUNDING WIRES..... INSPECT
COUNTER WEIGHT INSPECT
STATIC WICKS..... INSPECT
TAIL & TIEDOWN & HOOK..... REMOVED
RUDDER/VERTICAL STAB INSPECT
STATIC WICK..... INSPECT
TRIM TAB INSPECT
LIGHTS INSPECT
VOR ANTENNA (2) INSPECT
ELEVATOR TRIM TAB INSPECT
STATIC WICK..... INSPECT
ELT ANTENNA INSPECT
WINDOWS..... CLEAN

RIGHT WING

COMM ANTENNA	INSPECT
FLAP.....	INSPECT
AILERON.....	INSPECT
COUNTER WEIGHTS	INSPECT
WINGTIP	INSPECT
LIGHTS	INSPECT
LEADING EDGE	INSPECT
TIEDOWN	REMOVED
STRUT	INSPECT
SUMP (5).....	DRAIN
TIRE (ROLL BACK).....	INSPECT
BRAKES	INSPECT
WINDOWS.....	INSPECT
VENTS	INSPECT
FUEL QUANTITY.....	INSPECT
FUEL FILLER CAP	SECURE
TOP WING	INSPECT

NOSE

OIL QUANTITY	CHECK/6+ QUARTS
WINDSCREEN	INSPECT
CABIN AIR INTAKE	INSPECT
SUMPS (3)	DRAIN
NOSE STRUT	INSPECT
TIRE (ROLL BACK).....	INSPECT
ENGINE COOLING INLETS	INSPECT
PROP/SPINNER.....	INSPECT
INTAKE/AIR FILTER	INSPECT
COWLING	INSPECT
STATIC PORT	INSPECT

LEFT WING

VENTS	INSPECT
FUEL QUANTITY.....	INSPECT
FUEL FILLER CAP	SECURE
WING TOP	INSPECT
PITOT TUBE	INSPECT
STRUT	INSPECT
STALL VENT	INSPECT
FUEL TANK VENT	INSPECT
TIE DOWN	REMOVE
LEADING EDGE	INSPECT
LAND/TAXI LIGHT	INSPECT
WINGTIP	INSPECT
STROBE/NAV.....	INSPECT
AILERON.....	INSPECT
COUNTER WEIGHT.....	INSPECT
STATIC WICK.....	INSPECT
FLAP.....	INSPECT
FUEL SUMPS (5)	DRAIN
TIRE (ROLL BACK).....	INSPECT
BRAKE	INSPECT
WINDOWS.....	INSPECT

ENGINE START

PREFLIGHT..... COMPLETE
PASSENGER/CREW BRIEFING COMPLETE
SEATBELTS..... ON
SEATS.....SET/LOCKED
FUEL SELECTOR..... BOTH
FUEL SHUTOFF VALVEIN
MIXTURE.....RICH
PROP..... FULL FORWARD
THROTTLE¼ INCH OPEN
AVIONICS OFF
CIRCUIT BREAKERSIN
BEACON ON
PARKING BRAKESET
PROP AREA..... CLEAR
STANDBY BATTERY ON
MASTER ON
FUEL PUMP PRIME
MIXTURE..... IDLE CUTOFF
STARTER..... ENGAGE
THROTTLE 1000 RPM
OIL PRESSURE..... CHECK
ENGINE INSTRUMENTS CHECK
ANNUNCIATOR PANEL CHECK
LIGHTS AS REQUIRED
MIXTURE..... LEAN

TAXI

AVIONICS ON
ATIS RECEIVE
CLEARANCE OBTAIN
ELECTRIC TRIM TEST
AUTOPILOT OFF
FLIGHT INSTRUMENTS CHECK
INSTRUMENT/ICC COMPLETE
TRANSPONDER STANDBY
FLAPS UP
PARKING BRAKE RELEASE
BRAKES CHECK

RUN UP

PARKING BRAKESET
FLIGHT CONTROLS FREE AND CORRECT
FUEL QUANTITY..... CHECK
ENGINE INSTRUMENTS CHECK
FUEL PUMP TEST
MIXTURE RICH
TRIM TAKEOFF
FUEL SELECTOR..... BOTH
THROTTLE 1800 RPM
ENGINE INSTRUMENTS CHECK
AMMETER CHECK
MAGS..... CHECK
PROP..... CYCLE
THROTTLE IDLE
THROTTLE 1000 RPM
MIXTURE LEAN
MAGS..... CHECK BOTH

TAKEOFF

PRE T/O BRIEF COMPLETE
SEATBELTS.....VERIFY ON
WINDOWS/DOORS.....CLOSED AND LATCHED
FUEL SELECTOR..... BOTH
TRIM SET FOR TAKEOFF
COMMS, NAVS, FLIGHT INSTRUMENTS.....SET
T/O CLEARANCE OBTAIN
PARKING BRAKE RELEASE
LIGHTS ON
MIXTURE.....FULL RICH
PROP..... FULL FORWARD
FLAPS.....SET
TRANSPONDER..... ALT
500 FT 90 KTS
POWER..... 24"/2400RPM

CLIMB 1000 FT

LIGHTS AS NEEDED
POWER.....SET
MIXTURE..... LEAN TO TOP OF GREEN ARC
FLAPS.....UP

CRUISE

LIGHTS OFF
POWER.....SET
MIXTURE..... LEAN

BEFORE LANDING/DESCENT

SEAT BELTS..... ON
APPROACH BRIEF..... COMPLETE
ATIS OBTAIN
LIGHTS ON
THROTTLE 100 KTS
PROP..... FULL FORWARD ON FINAL
MIXTURE.....FULL RICH
FUEL SELECTOR..... BOTH
SHUTOFF VALVE CLOSED

AFTER LANDING

LIGHTS AS REQUIRED
THROTTLE 1000
MIXTURE..... LEAN
FLAPS.....UP
TRANSPONDER..... STANDBY
TRIM SET FOR TAKEOFF

SHUTDOWN

RAMP IN (122.9)..... COMPLETE
AVIONICS OFF
THROTTLE 1000
MIXTURE..... IDLE CUTOFF
THROTTLE CLOSE
MAGS..... OFF
LIGHTS OFF
MASTER OFF
STANDBY BATTERY OFF

SECURE

CONTROL LOCK.....SET
HOBBS/TACH..... RECORDED
CLEAN COCKPIT VERIFIED
DOORS SHUT/LOCKED
TIED DOWN 3-POINT
360 WALK AROUND..... COMPLETE



**CESSNA 182T NAV III
CESSNA SKYLANE
EMERGENCY/ABNORMAL
CHECKLISTS**

ENGINE FAILURE BEFORE Vr

THROTTLES..... IDLE
 BRAKES APPLY
 WING FLAPS RETRACT
 MIXTURE..... IDLE CUTOFF
 IGNITION SWITCH..... OFF
 MASTER SWITCH OFF
 STANDBY BATTERY OFF

ENGINE FAILURE AFTER Vr RWY REMAINING

AIRSPEED 76 KIAS
 MIXTURE..... IDLE CUT-OFF
 MAGS..... OFF
 FUEL SELECTOR..... OFF
 FUEL SHUTOFF VALVEIN
 FLAPS AS REQUIRED
 EMERGENCY DECLARE
 MASTER SWITCH OFF
 STANDBY BATTERY OFF
 CABIN DOOR UNLATCH
 LAND..... STRAIGHT AHEAD
 BRAKES APPLY

ENGINE FAILURE NO RUNWAY REMAINING BELOW 500'

AIRSPPEED 76 KIAS
BEST PLACE TO LAND IDENTIFIED
MIXTURE..... IDLE CUT-OFF
MAGS..... OFF
FUEL SELECTOR..... OFF
FLAPS AS REQUIRED
EMERGENCY DECLARE
MASTER SWITCH OFF
STANDBY BATTERY OFF
CABIN DOOR UNLATCH
LAND..... STRAIGHT AHEAD

ENGINE FAILURE NO RWY REMAINING/ABOVE 500'

AIRSPPEED 76 KIAS
BEST PLACE TO LAND IDENTIFIED
PRIMER IN AND LOCKED
MAGS..... ON
AUX FUEL PUMP ON
MIXTURE..... RICH
FUEL SELECTOR VALVE BOTH
FUEL SHUTOFF VALVE IN
MIXTURE..... RICH
MAGS..... BOTH/START

IF ENGINE DOESN'T START:

MIXTURE..... IDLE CUT-OFF
MAGS..... OFF
FUEL SELECTOR..... OFF
FUEL SHUTOFF VALVE OUT
FLAPS AS REQUIRED
EMERGENCY DECLARE
MASTER SWITCH OFF
STANDBY BATTERY OFF
CABIN DOOR UNLATCH

EMERGENCY LANDINGS WITHOUT ENGINE POWER

PASSENGER SEAT BACKSUP
SEATS AND SEAT BELTS SECURE
AIRSPEED 76 KIAS
MIXTURE IDLE CUT-OFF
FUEL SELECTOR OFF
FUEL SHUTOFF VALVE OUT
FLAPS AS REQUIRED (30 RECOMMENDED)
MASTER OFF
STANDBY BATTERY OFF
MAGS OFF
DOORS UNLATCH
TOUCHDOWN SLIGHTLY TAIL LOW
BRAKESAPPLY HEAVILY

EMERGENCY LANDING WITH ENGINE POWER

PASSENGER SEAT BACKSUP
SEATS AND SEAT BELTS SECURE
AIRSPEED 76 KIAS
FLAPS AS REQUIRED
SELECTED FIELD FLY OVER
AVIONICS MASTER SWITCH AND ELECTRICAL OFF
MASTER SWITCH OFF
DOORS UNLATCHED PRIOR TO TOUCHDOWN
TOUCHDOWN SLIGHTLY TAIL LOW
BRAKESAPPLY HEAVILY

DITCHING

RADIO TRANSMIT MAYDAY ON 121.5 MHZ
TRANSPONDER 7700
HEAVY OBJECTS SECURE/JETTISON
SEAT BACKS UP
SEATS AND SEAT BELTS SECURE
FLAPS FULL
POWER ESTABLISH 300FT/MIN DECENT AT 55 KIAS
HIGH WINDS/HEAVY SEAS INTO WIND
LIGHT WINDS/HEAVY SWELLS PARALLEL TO SWELLS
CABIN DOORS UNLATCH
TOUCHDOWN LEVEL ATTITUDE
FACE CUSHION AT TOUCHDOWN
ELT ACTIVATE
AIRPLANE EVACUATE
LIFE RAFTS AND VESTS INFLATE WHEN CLEAR OF A/C

ENGINE FIRE DURING START ON GROUND

MAGS/STARTER CONTINUE CRANKING

IF ENGINE STARTS:

POWER 1800 RPM FOR A FEW MINUTES
FIRE EXTINGUISHER OBTAIN
ENGINE SHUTDOWN AND INSPECT FOR DAMAGE

IF ENGINE FAILS TO START:

THROTTLE FULL OPEN
MIXTURE IDLE CUTOFF
CRANKING CONTINUE
FUEL SELECTOR OFF
FUEL SHUTOFF VALVE OUT
AUX FUEL PUMP SWITCH OFF
FIRE EXTINGUISHER OBTAIN
MASTER SWITCH OFF
STANDBY BATTERY OFF
MAGS OFF
AIRPLANE EVACUATE
FIRE EXTINGUISH
FIRE DAMAGE INSPECT

ENGINE FIRE DURING FLIGHT

MIXTURE IDLE CUT OFF
FUEL SELECTOR OFF
FUEL SHUTOFF VALVE
AUX FUEL PUMP SWITCH OFF
MASTER SWITCH OFF
STANDBY BATTERY OFF
CABIN HEAT/AIR OFF
AIRSPEED 100 KIAS
FORCED LANDING EXECUTE
FIRE EXTINGUISHER ACTIVATE AS REQUIRED

ELECTRICAL FIRE IN FLIGHT

MASTER SWITCH OFF
STANDBY BATTERY OFF
VENTS, CABIN AIR, HEAT CLOSED
FIRE EXTINGUISHER ACTIVATE
AVIONICS MASTER SWITCH OFF
ALL OTHER SWITCHES (EXCEPT MAGS) OFF
VENTS/CABIN AIR/HEAT OPEN
..... WHEN FIRE IS COMPLETELY EXTINGUISHED
MASTER SWITCH ON
CIRCUIT BREAKERS CHECK FOR FAULTY CIRCUIT
..... DO NOT RESET
RADIO SWITCHES OFF
AVIONICS MASTER SWITCH ON
RADIO/ELECTRICAL SWITCHES ON, ONE AT A TIME
..... WITH DELAY UNTIL SHORT CIRCUIT IS LOCALIZED

CABIN FIRE

MASTER SWITCH OFF
STANDBY BATTERY OFF
VENTS/CABIN AIR/HEAT CLOSED
FIRE EXTINGUISHER ACTIVATE
VENTS/CABIN AIR/HEAT OPEN
..... WHEN FIRE IS COMPLETELY EXTINGUISHED
LAND AS SOON AS POSSIBLE

WING FIRE

LANDING/TAXI LIGHT SWITCHES OFF
NAV LIGHTS OFF
STROBE LIGHTS OFF
PITOT HEAT OFF
AIRSPEED INCREASE
LAND ASAP

AMMETER EXCESSIVE

ALTERNATOR OFF
ALTERNATOR CB PULL OUT
ELECTRICAL LOAD REDUCE
LAND ASAP

LOW VOLTAGE

AVIONICS OFF
ALTERNATOR BREAKER IN
MASTER RECYCLE
LOW VOLTAGE ANNUNCIATOR CHECK

IF ANNUNCIATOR COMES BACK ON:

ALTERNATOR OFF
ELECTRICAL LOAD REDUCE
LAND ASAP

RED X – PFD AIRSPEED INDICATOR

ADC/AHRS CIRCUIT BREAKERS CHECK
STANBY AIRSPEED INDICATOR USE

RED X – PFD ALTITUDE INDICATOR

ADC/AHRS CIRCUIT BREAKERS CHECK
STANBY ALTITUDE INDICATOR USE

RED X – PFD ATTITUDE INDICATOR

ADC/AHRS CIRCUIT BREAKERS CHECK
STANBY ATTITUDE INDICATOR USE

RED X – HSI

ADC/AHRS CIRCUIT BREAKERS CHECK
COMPASS USE

PFD 1 OR MFD1 COOLING ANNUNCIATOR(S)

CABIN HEAT OFF
FORWARD AVIONICS FAN CHECK
STANDBY BATTERY OFF

INADVERTENT ICING ENCOUNTER

PITOT HEAT ON
TURN BACK OR CHANGE ALTITUDE
DEFROSTER ON
THROTTLE FULL
BEST PRACTICAL LANDING SITE IDENTIFIED
FLAPS UP
WINDSHIELD CLEAN
AIRSPEED 100 KIAS
LAND LEVEL ATTITUDE

V SPEEDS

VSO.....	41
Vs.....	51
Vx	65
VY	80
VG.....	76
VFE 10.....	140
VFE 10-20.....	120
VFE 20-FULL	100
VNO	140
VNE.....	175
VA	
3100 LBS	110
2600 LBS	101
2100	91
VWINDOW.....	158
MAX X-WIND.....	15

**THIS CHECKLIST IS NOT A SUBSTITUTE FOR THE AIRCRAFT'S PILOT OPERATING
HANDBOOK.**