

TECNAM P2006T CHECKLIST

Preflight Inspection

TIE-DOWNS & GUST LOCKS... REMOVE

COCKPIT

DOCUMENTS.....ARROW
 FIRE EXTINGUISHER.....CHECK
 CIRCUIT BREAKERS.....CHECK
 GEAR HANDLE.....DOWN
 SWITCHES.....OFF
 (FUEL PUMP, IGNITION, LIGHTS, MASTER/
 AVIONICS, TRIMS, PITOT)
 MASTER.....ON
 (PUMP AUDB, PFD ON, LDG GEAR LIGHTS
 GREEN, ESB RECHARGE FAIL ON)
 LH AND RH CROSS BUS.....ON
 RH AVIONICS.....ON
 (MFD BOOTS UP, COOLING FAN AUDIBLE,
 DATABASE CURRENT)
 LH AVIONICS.....ON
 TRANSPONDER.....ON
 LH AND RH AVIONICS.....OFF
 LIGHTS.....ON
 LH AND RH CROSS BUS.....OFF
 MASTER.....OFF

LEFT AND RIGHT WING

LANDING GEAR/TIRE.....CHECK
 AIR VENT & ENGINE INTAKE.....CLEAR
 PROPELLER.....CHECK
 ALTERNATOR BELT.....CHECK
 CABIN HEAT AIR INTAKE.....CLEAR
 LANDING LIGHT COVER.....CHECK
 ACCESSS PANELS.....CHECK
 LEADING EDGE.....CHECK
 STROBE & WINGLET.....CHECK
 AILERON.....CHECK
 (movement, balance weight, hinge, static wick,
 grounding wire, actuator arm)
 FLAP.....CHECK
 (bolts & nuts, grounding wire, actuator arm)
 FUEL TANK & GASCOLATOR.....DRAIN
 ENGINE COOLANT.....CHECK
 ENGINE OIL.....BURP, CHECK

EMPENNAGE

STATIC PORT.....CHECK
 LDG GEAR EMERG. PRESS.....>20BAR
 APU/BATT DOORS.....CLOSED
 STABILATORS.....CHECK
 RUDDER.....CHECK
 VERTICAL STABILIZER.....CHECK
 ANTENNAS.....CHECK
 AC DRAIN.....CHECK
 STATIC PORT.....CHECK

NOSE

PITOT TUBES.....CHECK
 NOSE SECTION.....CHECK
 LANDING GEAR/TIRE.....CHECK

VISUAL AND INSTR. APPROACHES

VISUAL PATTERN
 DOWNWIND INITIAL.....21°/0/ AS REQ.
 DOWNWIND/NUMBERS.....18°/TO/90KT
 BASE.....18°/FULL/Vyse
 FINAL.....18°/FULL/<Vyse
 FINAL (RWY).....18°/FULL/<Vyse
 INSTRUMENT FINAL.....18°/FULL/Vyse
GUMPCSS

ENGINE SECURE

IDENTIFY.....DEAD FOOT, DEAD ENGINE
 VERIFY...THROTTLE IDLE DEAD ENGINE
 PROPELLER.....FEATHER-DEAD ENGINE
 SECURE DEAD ENGINE
 FIELD.....OFF
 IGNITION.....OFF
 FUEL PUMP.....OFF
 FUEL SELECTOR.....OFF
 OPERATING ENGINE
 FUEL PUMP.....ON
 FUEL CROSSFEED.....CONSIDER

REJECTED TAKEOFF

THROTTLES.....IDLE
 BRAKING.....MAXIMUM

ENGINE FAILURE DURING T/O

BEFORE Vyse

THROTTLES.....IDLE
 BRAKING.....MAXIMUM
 AFTER Vyse

PITCH FOR.....Vxse 83 KIAS
 LANDING GEAR.....UP
 FLAPS.....UP
COMPLETE SECURE CHECKLIST

ENGINE FAILURE IN FLIGHT

AIRSPPEED.....=> Vyse 84KIAS
 ALTITUDE.....MAINTAIN, IF ABLE
 PROPS.....FULL FORWARD
 THROTTLES.....FULL FORWARD

PROPELLER OVERSPEED

PROP.....TEST
 THROTTLE.....REDUCE
**KEEP PROP WITHIN LIMITS USING
 THROTTLE**

SINGLE ENGINE GO-AROUND

THROTTLE.....FULL FORWARD
 PITCH FOR.....Vxse 83 KIAS
 LANDING GEAR.....UP
 FLAPS.....UP

EMERGENCY GEAR EXTENSION

AIRSPPEED.....BELOW V_{le} (122 KIAS)
 LANDING GEAR HANDLE.....DOWN
 RIGHT VALVE.....COUNTER CLOCKWISE
 LEFT VALVE.....COUNTER CLOCKWISE
-WAIT 20 SECONDS-
 LANDING GEAR LIGHTS..VERIFY GREEN

ENGINE RESTART IN FLIGHT

PROP.....FULL FORWARD
 IGNITION.....ON
 FUEL PUMP.....ON
 FUEL SELECTOR.....FULLEST TANK
 STARTER.....ENGAGE
 THROTTLE.....13" M.P.
 PROP.....2200 RPM
 FIELD.....ON
 FUEL PUMP.....AS REQ.
**WHEN ENGINE TEMP IS NORMAL,
 CRUISE POWER MAY BE SET**

ENGINE FIRE IN FLIGHT

-AFFECTED ENGINE-

THROTTLE.....CLOSE
 PROPELLER.....FEATHER
 LANDING GEAR.....UP
 FLAPS.....UP
 FIELD.....OFF
 IGNITION.....OFF
 FUEL PUMP.....OFF
 FUEL SELECTOR.....OFF
 INCREASE SPEED..AS NEEDED TO
 SMOTHER FLAMES
 LAND.....ASAP

EMERGENCY DESCENT

THROTTLES.....IDLE
 PITCH FOR.....122 KIAS
 LANDING GEAR.....DOWN
 FLAPS.....T/O (122 KIAS)

ENGINE FIRE DURING START

CONDITIONS PERMITTING

THROTTLES.....FULL FORWARD
 CRANKING.....CONTINUE FOR 5 SEC.
 IGNITION.....OFF
 FUEL SELECTORS.....OFF
 FUEL PUMPS.....OFF
 ELECTRICAL SWITCHES.....ALL OFF
-EVACUATE AIRCRAFT-

EMERGENCY EVACUATION

IGNITION.....OFF
 FUEL PUMPS.....OFF
 FUEL SELECTORS.....OFF
 ELECTRICAL SWITCHES.....OFF
 PARKING BRAKE.....SET
 EVACUATION.....EXECUTE
**IF DOORS WILL NOT OPEN, PRESS
 DOWN RED SWITCH, HOLD DOWN,
 PULL DOOR HANDLE**

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BEFORE STARTING ENGINE

PASSENGER BRIEF.....COMPLETE
SEATS.....ADJUST
SEAT BELTS.....FASTENED
CABIN DOORS.....CLOSED
GEAR HANDLE.....DOWN
ALT. STATIC PORT.....OFF
MASTER SWITCH.....ON
FUEL QUANTITY.....CHECK
FUEL SELECTORS.....CROSSFEED
FUEL PUMPS.....ON, OFF
GEAR LIGHT.....TEST
FIRE DETECTION.....TEST
FLIGHT CONTROLS..FREE&CORRECT
FLAPS.....RETRACT
CHOKE.....OFF
STROBES.....ON

ENGINE STARTING

THROTTLES.....IDLE
PROPS.....FULL FORWARD
CARB HEAT.....OFF
CHOKE.....ON
IGNITION SWITCHES.....ON
FUEL PUMPS.....ON
AREA.....CLEAR
BRAKES.....HOLD
ONE ENGINE & ELEC AT A TIME
STARTER.....ENGAGE
OIL PRESSURE.....GREEN
-WAIT FOR INITIAL RPM RISE-
CHOKE.....OFF SLOWLY
THROTTLE.....*900* OR 1200 RPM
FIELD.....ON
CROSSBUS.....ON
AVIONICS.....ON
VOLTMETER.....12-14 V
-REPEAT FOR OTHER ENGINE-
FUEL PUMPS.....OFF
ENGINE INSTRUMENTS.....CHECK
***COLD START* ONLY!**

BEFORE TAXI

ENGINE OIL TEMP.....>50°C
THROTTLES.....1200 RPM
AUTOPILOT MASTER SW.....ON
PITCH TRIM.....ON, NEUTRAL
RUDDER TRIM.....ON, NEUTRAL
ATIS.....COPIED
FLIGHT PLAN.....SET
FLIGHT INSTRUMENTS.....SET
TRANSPONDER.....GRND
NAV LIGHT.....ON
TAXI LIGHT.....ON
BRAKES.....CHECKED

BEFORE TAKEOFF

BRAKES.....HOLD
FUEL PUMPS.....ON
RH FUEL SELECTOR.....RIGHT
LH FUEL SELECTOR.....LEFT
FUEL PRESSURE.....CHECK
GENERATOR LIGHTS.....OFF
ENGINE CHT.....50°C- 100°C
PROPS.....FULL FORWARD
THROTTLES.....1650 RPM
IGNITIONS SWITCHES.....TEST
-MAX: DROP 130 RPM, DIFF. 50 RPM-
PROPS.....CYCLE 3 TIMES
CARB HEAT.....CHECK
ENG. INSTRUMENTS..ALL GREEN
THROTTLES- IDLE CHECK, THEN
1000RPM
FRICTION LOCK.....ADJUST
FLAPS.....UP OR T/O
CABIN DOORS.....CLOSED
SEAT BELTS.....FASTENED
TAXI LIGHT.....ON
LANDING LIGHT.....ON

DEPARTURE BRIEF

RUNWAY.....
FLAPS.....
-ENGINE FAILURE BRIEF-
BEFORE Vr.....REJECT
THROTTLES.....IDLE
BRAKES.....MAXIMUM
AFTER Vr, BEFORE Vsse
THROTTLE.....IDLE
LAND STRAIGHT AHEAD
AFTER Vsse.....ENGINE FAILURE
AFTER TAKEOFF PROCEDURE

LINE UP/TAKEOFF

LINE UP.....HOLD BRAKES
AHSR.....X-CHECK HEADING
THROTTLES.....2000 RPM
ENG. INSTRUMENTS.....GREEN
BRAKES.....RELEASE
THROTTLES.....FULL FORWARD

CLIMB

ABOVE Vyse, POSITIVE RATE OF CLIMB
GEAR.....UP
ABOVE 500' AGL
FLAPS.....UP
PROPS.....2250 RPM
ABOVE 1000' AGL
FUEL PUMPS.....OFF ONE AT A TIME
LIGHTS.....AS REQUIRED

CRUISE

THROTTLES.....SET < 27" M.P.
PROPS.....SET 1900-2250 RPM
ENG. INSTRUMENTS.....CHECK
FUEL BALANCE.....CHECK

DESCENT

PROPELLERS.....2250 RPM
ALTIMETER.....SET
CARB HEAT.....AS REQUIRED
SEAT BELTS.....FASTENED
EXTERIOR LIGHTS.....AS REQUIRED
RH FUEL SELECTOR.....RIGHT
LH FUEL SELECTOR.....LEFT

BEFORE LANDING

FUEL PUMPS.....ON
LANDING GEAR.....DOWN, 3 GREEN
PROPS.....FULL FORWARD
FLAPS.....AS REQUIRED
CARB HEAT.....OFF
AFT SEATS...FULL AFT, LOWER POS.
SEAT BELTS.....FASTENED

GO AROUND

THROTTLES.....FULL FORWARD
LANDING GEAR(POS. RATE).....UP
FLAPS.....T/O
CLIMB SPEED.....84(Vyse)
FLAPS.....UP

AFTER LANDING

FUEL PUMPS.....OFF
FLAPS.....UP
EXTERIOR LIGHTS.....AS REQUIRED
TRANSPONDER.....CHECK GRND
TRIM.....NEUTRAL

SHUTDOWN

THROTTLES.....IDLE
COOL DOWN.....1 MINUTE
AVIONICS.....OFF
CROSS BUSES.....OFF
IGNITIONS..ONE AT A TIME.....OFF
LH/RH FIELD.....OFF
MASTER SWITCH.....OFF
EMG.BATT.&COCKPIT LIGHT.....OFF
ALL OTHER SWITCHES.....OFF
AIRCRAFT.....CHOCKED, SECURE

V SPEEDS (KIAS)

Vr.....65
Vyse.....84
Vxse.....83
Vfe.....122/93
Vmc.....62
Vsse.....70
Vle/lo.....122
Va.....122
Vno.....138
Vne.....171
Vs.....84
Vso.....70