

TECNAM P92 ZK-WCF EAGLET AIRCRAFT CHECKLIST

STARTING THE ENGINE

1. PARK BRAKE ON AND LOCKED.
2. SEAT BELTS ON
3. SEATS ADJUSTED AND LOCKED
4. DOORS CLOSED AND SECURE
5. PLB WITHIN REACH
6. **BOTH FUEL COCKS ON.**
7. ALL SWITCHES OFF AND AVIONICS MASTER SWITCH OFF.
8. THROTTLE CLOSED.
9. CHOKE AS REQUIRED.
10. MASTER SWITCH ON.
11. EFIS MASTER SWITCH ON.
12. FLAPS UP.
13. HOBBS RECORDED.
14. FUEL PUMP ON – BUILD PRESSURE THEN OFF
15. CHECK CLEAR BEHIND.
16. START ENGINE.

AFTER START

1. CHOKE EASE OFF.
2. SET IDLE 2200 RPM.
3. OIL PRESS CHECK RISING (MIN 1.5 MAX 7)
4. STROBE ON.
5. AUX ALTERNATOR ON.
6. ALTERNATOR CHARGING.
7. AVIONICS MASTER ON.
8. RADIO ON.
9. TRANSPONDER TO STANDBY. (1200)
10. COPY ATIS (119.8 NZWR)
11. SET QNH ON EFIS AND ANALOGUE ALTIMETER.
12. TUNE GROUND FREQ (118.6 NZWR.)

TAXI CHECKS

1. CHECK BRAKES LEFT AND RIGHT.
2. CHECK TURN AND SLIP INDICATOR.
3. CHECK COMPASS OPERATION.

RUN UP

1. PARK INTO WIND.
2. PARK BRAKE ON AND LOCKED. APPLY TOE BRAKES AND MONITOR SLIPPAGE.
3. SET IDLE 2200RPM
4. CYLINDER HEAD TEMP-60+ RISING
5. SET 4000 RPM.
6. CHECK MAGS – LEFT / RIGHT / BOTH.
MAX DROP 200 RPM/MAG
MAX BETWEEN 50 RPM
7. OIL TEMP AND PRESS IN GREEN
8. AMMETER – CHARGING.
9. CHECK SLOW IDLE 1500RPM.
10. SET 2200 RPM.
11. RELEASE PARK BRAKE TO TAXI.

PRE-TAKE OFF

1. PARK BRAKE ON.
2. TRIM SET FOR TAKE OFF & SELECT LEFT.
3. CHOKE OFF.
4. **BOTH FUEL COCKS ON AND FUEL SUFFICIENT.**
5. FLAPS SELECT TAKE OFF SETTING.
6. FRICTION NUT FIRM.
7. EFIS AND ANALOGUE INSTRUMENTS- CHECK ALL INSTRUMENTS LEFT TO RIGHT.
8. IGNITION SWITCHES BOTH ON
9. CIRCUIT BREAKERS ALL IN
10. CONTROLS FULL AND FREE.
11. HATCHES AND HARNESSSES SECURE.
12. TRANSPONDER TO ALT (1200)
13. **SPIDERTRACKS UNIT ON AND SATELLITE ACQUIRED.**
14. LANDING LIGHT ON.
15. PARK BRAKE OFF FOR TAXI.
16. LOOK OUT BEFORE ENTERING RUNWAY.
17. MAKE RADIO CALL.
18. ON RUNWAY CHECK COMPASS HEADING WITH RUNWAY HEADING. CHECK WINDSOCK.

AFTER TAKEOFF

1. CLIMB OUT 80KTS.
2. **B**RAKES OFF.
3. **U**NDERCARRIAGE UP
4. **T**HROTTLE SET
5. **F**UEL ON.
6. **F**LAPS UP BEFORE 68 KTS.
7. **S**PIDER WATCH ON-BLUE LIGHT ON.
8. AT 600 FEET LANDING LIGHT OFF OR LEAVE ON IF REMAINING IN CIRCUIT.

DOWNWIND BEFORE LANDING

1. **B**RAKES OFF.
2. **U**NDERCARRIAGE DOWN
3. **T**HROTTLE SET
4. **F**UEL ON.
5. **F**LAPS AS REQUIRED BELOW 68KTS.
6. RADIO CALL DOWNWIND AND FINAL.

AFTER LANDING

1. EXIT RUNWAY AND MAKE RADIO CALL.
2. SET IDLE 2200 RPM
3. **SPIDERTRACKS-PRESS MIDDLE BUTTON-TURN SPIDERWATCH OFF.**
4. FLAPS – UP AND IDENTIFIED
5. TRIM NEUTRAL.
6. TRANSPONDER TO STANDBY.
7. LANDING LIGHT OFF.

SHUTDOWN

1. SET IDLE 2200 RPM.
2. PARK BRAKE ON.
3. MAGNETOS CHECKED.
4. AVIONICS MASTER SWITCH OFF.
5. EFIS MASTER SWITCH OFF.
6. AUX GENERATOR OFF
7. THROTTLE CLOSED.
8. IGNITION SWITCHES OFF.
9. MASTER SWITCH OFF.
10. STROBE LIGHT OFF.
11. LEFT FUEL COCK OFF. HANG KEY ON IT. COMPLETE LOG.

TECNAM P92 EAGLET PREFLIGHT INTERIOR INSPECTION

1. CHECK AIRCRAFT DOCUMENTS. FLIGHT MANUAL IN PLACE AND RELEASE TO SERVICE. CHECK DEFECT LIST IN HANGAR AND UNSERVICABLE PLACARDS
2. PARK BRAKE ON.
3. **BOTH FUEL COCKS ON.**
4. LIFEJACKETS IN PLACE.
5. LANDING LIGHT – OFF.
6. STROBE LIGHT – OFF
7. IGNITION SWITCHES - OFF
8. AVIONICS MASTER – OFF.
9. AUX GENERATOR-OFF
10. MASTER SWITCH – ON.
11. AUX GENERATOR-ON
12. CHECK BOTH GENERATOR LIGHTS ARE ILLUMINATED.
13. EFIS MASTER SWITCH ON.
14. CHECK EFIS STARTS UP.
15. FUEL QUANTITY INDICATOR – CHECK.
16. FLAPS - EXTEND FULLY.
17. CHECK ELECTRIC TRIM OPERATIONAL. LEFT AND RIGHT.
18. AIRCRAFT LIGHTS - CHECK OPERATION.
19. CHECK ELECTRIC FUEL PUMP OPERATIONAL.
20. CHECK SPIDETRACKS UNIT OPERATIONAL.
21. EFIS MASTER-OFF.
22. AUX GENERATOR-OFF.
23. MASTER SWITCH – OFF.
24. COMPLETE OUTSIDE CHECK.

TECNAM P92 EAGLET PREFLIGHT EXTERIOR INSPECTION

START FROM THE PILOTS DOOR AND WORK ANTICLOCKWISE

1. LEFT FUEL FILLER CAP. CHECK LEVEL AND SECURE
2. PITOT TUBE. CHECK COVER REMOVED AND CLEAR OF OBSTRUCTIONS.
3. LEFT SIDE LEADING EDGE AND WING SKIN. CHECK FOR DAMAGE.
4. LEFT WING NAV LIGHTS. CHECK NO DAMAGE AND SECURE.
5. LEFT AILERON. CHECK FOR DAMAGE, FREEDOM OF MOVMENT.
6. LEFT TANK VENT CHECK FOR OBSTRUCTIONS
7. LEFT FLAP AND HINGES. CHECK SECURITY.
8. LEFT MAIN LANDING GEAR. CHECK INFLATION 23PSI, TIRE CONDITION, ALIGNMENT, SECURITY. CHECK BRAKE CONDITION, SIGNS OF BRAKE FLUID LEAKAGE.
9. LEFT FUSELAGE SKIN CONDITION AND ANTENNA SECURITY.
10. HORIZONTAL TAIL AND TAB. CHECK FOR DAMGE, FREEDOM OF MONVMENT AND SECURITY.
11. VERTICAL TAIL AND RUDDER. CHECK FOR DAMAGE, FREEDOM OF MOVMENT, SECURITY. NOTE DO NOT MOVE RUDDER UNLESS NOSEWHEEL IS LIFTED OFF GROUND.
12. RIGHT FUSELAGE SKIN CONDITION
13. RIGHT MAIN LANDING GEAR. CHECK INFLATION 23PSI, TIRE CONDITION, ALIGNMENT, SECURITY. . CHECK BRAKE CONDITION, SIGNS OF BRAKE FLUID LEAKAGE.
14. RIGHT FLAP AND HINGES. CHECK SECURITY.
15. RIGHT AILERON. CHECK FOR DAMAGE, FREEDOM OF MOVMENT.
16. RIGHT TANK VENT CHECK FOR OBSTRUCTIONS
17. RIGHT SIDE LEADING EDGE AND WING SKIN. CHECK FOR DAMAGE.
18. RIGHT FUEL FILLER CAP. CHECK LEVEL AND SECURE
19. WINDOWS CLEANED AND FREE OF BUGS.
20. OPEN RIGHT ENGINE COVER AND CHECK OIL LEVEL (PULL PROP THROUGH UNTIL GURGLE IS HEARD IF OIL LEVEL IS LOW.), FLUID LEVEL, 7 X SPRINGS, PLUG LEADS AND CAPS FOR SECURITY, EXHAUST MANIFOLD FOR SECURITY, LOOK FOR BIRDS NESTS AND GENERAL SECURITY OF ENGINE COMPONANTS.
21. CLOSE ENGINE COVER AND CHECK LATCHES ARE SECURED CORRECTLY. NOTE - **THIS CAN BE DECIEVING.**
22. PROPELLOR CHECK SECURITY AND CHECK FOR DAMAGE, CHECK FOR OBSTRUCTIONS IN AIR INTAKE.
23. OPEN LEFT ENGINE COVER 7 X SPRINGS, PLUG LEADS AND CAPS FOR SECURITY, EXHAUST MANIFOLD FOR SECURITY, LOOK FOR BIRDS NESTS AND GENERAL SECURITY OF ENGINE COMPONANTS.
24. CLOSE ENGINE COVER AND CHECK LATCHES ARE SECURED CORRECTLY. NOTE - THIS CAN BE DECIEVING.
25. FRONT GEAR ASSEMBLY. CHECK FOR DAMAGE, SECURITY AND LINKAGES. CHECK TIRE INFLATION AND CONDITION.
26. DRAIN AND SAMPLE FUEL AND CHECK CORRECT GRADE USED, CHECK FOR WATER AND IMPURITIES.