

# EXTERIOR INSPECTION CHECKLIST FOR ERCOUCPE N2474H

## COCKPIT

MASTER SWITCH OFF  
FUEL QUANTITY  
FUEL VALVE ON  
REM CONTROL LOCK  
BAGGAGE STORED  
AIRCRAFT PAPERS

## TAIL

TAIL STRUCTURE  
TAIL CONTROL SURFACES  
& GUST LOCKS  
TIE DOWNS

## RIGHT WING

WING STRUCTURE  
GUST LOCKS & CONTROL SURF

## RIGHT WING INBOARD

TIRES AND BRAKE HOSES  
SECURE FUEL CAP  
WING TIEDOWN  
DRAIN AND SAMPLE FUEL

## NOSE AND COWL

OIL LEVEL  
4 QUARTS MIN.  
PROPELLER AND SPINNER  
FOR NICKS AND CRACKS  
CARB AIR FILTER  
DRAIN AND SAMPLE MAIN  
FUEL TANK  
NOSE WHEEL AND TIRE  
OIL AND FUEL LEAKS  
COWL SECURITY  
FUEL LEVEL & CAP  
& GAUGE FREE MOVEMENT  
WINDSHIELD, CLEAN, CRACKS

## LEFT WING INBOARD

WHEEL, TIRE, BRAKES, HOSES  
FUEL LEVEL AND CAP SECURE  
WING TIEDOWN  
DRAIN AND SAMPLE FUEL

## LEFT WING

REMOVE PITOT TUBE COVER  
CHECK FOR PLUGGED TUBE  
REMOVE GUST LOCK  
CONTROL SURFACE  
STRUCTURE

# OPERATING CHECKLIST FOR ERCOUCPE N2474H

## BEFORE STARTING ENGINE

SEAT BELTS  
AVIONICS OFF  
FUEL VALVE ON  
MASTER SWITCH ON  
BRAKES SET

## STARTING ENGINE

CARB HEAT COLD  
MIXTURE RICH  
PRIME 2 TO 6 STROKES  
IGNITION SWITCH BOTH  
THROTTLE 1/8-1/4  
PROP CLEAR  
STARTER PULL  
THROTTLE 600-800  
AVIONICS ON

## BEFORE TAKE-OFF

INSTRUMENTS GREEN ARC  
AMPS-CHARGING  
OIL PRESS 30-40 PSI  
OIL TEMP 100-220 DEG F.  
MAGNETOS R&L 75 RPM DIFF MAX  
AT 1700 RPM  
CARB HEAT CHECK RPM DROP  
FLIGHT CONTROLS-FREE  
TRIM TAB ADJUST FOR T/O  
FLIGHT INSTRUMENTS SET  
D/G  
HORIZON  
CLOCK  
WINDOWS LOCKED

## TAKE-OFF

CARB HEAT AS APPROP.  
MIXTURE FULL RICH  
THROTTLE FULL OPEN  
CLIMB 60 MPH IND. MIN.  
STROBE ON

## CLIMB

80 MPH IAS  
THROTTLE FULL OPEN  
MIXTURE FULL RICH

## MAX PERFORMANCE CLIMB

AIRSPED 60 MPH  
THROTTLE FULL OPEN  
MIXTURE FULL RICH

## CRUISE

RPM 2400-2450  
DG SET AS REQ

## BEFORE LANDING

MIXTURE RICH  
CARB HEAT FULL ON  
ON DOWN WIND  
AIRSPED 80-90 MPH

## LANDING

TOUCHDOWN MAIN WHEELS FIRST  
ROLLOUT LOWER NOSE GEAR  
BRAKE AS REQ  
STROBE OFF

## AFTER LANDING

CARB HEAT COLD

## SECURE AIRCRAFT

AVIONICS OFF  
MAGS OFF  
ALL SWITCHES OFF  
MASTER SWITCH OFF  
FUEL VALVE CLOSED