

# Cessna 414 Operational Ground Checklist

- \_\_\_\_\_ All external walk-around items including lights
- \_\_\_\_\_ External power receptacle
- \_\_\_\_\_ Manuals for all added equipment
- \_\_\_\_\_ All required flight manual supplements
- \_\_\_\_\_ Circuit breakers
- \_\_\_\_\_ External lights
- \_\_\_\_\_ Gear warning horns
- \_\_\_\_\_ Pitot, stall and vent heat
- \_\_\_\_\_ Cowl flaps
- \_\_\_\_\_ Prop anti-ice
- \_\_\_\_\_ All night lighting
- \_\_\_\_\_ Pull all dump and alt-air controls
- \_\_\_\_\_ Air conditioner
- \_\_\_\_\_ Alternate static valve
- \_\_\_\_\_ Heater and fans
- \_\_\_\_\_ Manifold gauge read barometric pressure on ground
- \_\_\_\_\_ Oxygen system function, pressure & size
- \_\_\_\_\_ Emergency gear blow down bottle (If 414-A)
- \_\_\_\_\_ High Flow (Red Fitting) O2 Masks for Pax

# Operational Flight Test Checklist

## Flight Check

- \_\_\_\_\_ Engine controls
- \_\_\_\_\_ Engine instruments
- \_\_\_\_\_ Engine temperatures
- \_\_\_\_\_ De-Ice boots Ground Test Each Single Engine
- \_\_\_\_\_ Airspeeds @ % power settings on RAM card
- \_\_\_\_\_ Airspeed indicators, OAT & TAS
- \_\_\_\_\_ Flight instruments
- \_\_\_\_\_ Flight controls full travel, fluid, responsive
- \_\_\_\_\_ Airplane vibration, test at all flight cond.  $V_{no}$ ,  
 $V_{s1}$   $V_{so}$  level & bank
- \_\_\_\_\_ Winglets (If equipped)
- \_\_\_\_\_ Engine balance/ vibration
- \_\_\_\_\_ Pressurization switch and control
- \_\_\_\_\_ Cabin max differential pressure w/both and  
ea. engine
- \_\_\_\_\_ De-Ice boots Flight Test
- \_\_\_\_\_ Heated window (if equipped)
- \_\_\_\_\_ Compass
- \_\_\_\_\_ Navigation equipment
- \_\_\_\_\_ Communication equipment
- \_\_\_\_\_ Radar
- \_\_\_\_\_ Autopilot and electric trim function
- \_\_\_\_\_ Autopilot ILS approach
- \_\_\_\_\_ Cabin door and window noise in-flight
- \_\_\_\_\_ Window clarity & integrity
- \_\_\_\_\_ Landing gear feel
- \_\_\_\_\_ Accuracy of hobbs
- \_\_\_\_\_ Seat operation
- \_\_\_\_\_ Door operation
- \_\_\_\_\_ Wing locker operation
- \_\_\_\_\_ Nose baggage door operation
- \_\_\_\_\_ Emergency exit operation