



**N455H** ENGINE BREAK-IN PROCEDURE MAY 2010  
THIS PROCEDURE SHALL BE FOLLOWED FOR THE NEXT

**50**

HOURS OF OPERATION.

TACH START: 2014.7

TACH FINISH: 2064.7

AVOID LONG IDLE TIMES.

**STARTING** - NORMAL, **TAKEOFF**- NORMAL FULL POWER

**CLIMB**-NORMAL FULL POWER SHALLOW CLIMB ANGLE, 90 kts, TO CRUISE ALTITUDE

**CRUISE**-75% POWER (CONSULT POH FOR RPM SETTING AT SELECTED CRUISE ALTITUDE)

**DESCENT**-DESCEND SLOWLY AT LOW CRUISE POWER. DESCENTS WILL TAKE LONGER  
and THEREFORE WILL NEED TO BE PLANNED.

## **CAUTION**

**AVIOD CLOSED THROTTLE DESCENTS.  
CLOSED THROTTLE OPERATION DURING DESCENTS  
WILL CAUSE RING FLUTTER RESULTING IN DAMAGE  
TO THE CYLINDERS AND RINGS.**

MONITOR OIL CONSUMPTION, ADDING MINERAL OIL ONLY, AS REQUIRED. WHEN DIPSTICK  
READS LESS THAN 6 QUARTS YOU MAY ADD ONLY ONE QUART.

TWO QTS OF MINERAL OIL ARE KEPT IN THE MILK CRATE IN THE BAGGAGE  
COMPARTMENT. ASK RELIANT LINEMAN FOR REPLACEMENTS WHEN USED.  
PLEASE REMEMBER TO REPORT THE NUMBER OF QUARTS OF OIL ADDED IN THE  
COLUMN PROVIDED ON THE TIME LOG SHEET.

**NO TOUCH AND GOS!**

**INSTRUMENT APPROACHES ARE OK AT 100 kts.**

**July 12,2010**