

AIRCRAFT COMPONENTS INC.

Engine Dehydrator Test Box

Temperature/Humidity Sensor

Part Number 2065-3

Quickly verify temperature and humidity output of your Engine Saver or Black Max unit.

Initial set up:

Unit requires a 9v volt battery. Battery is included with unit but will need to be plugged in before operation. Remove rear cover by lifting slightly on the tab at the top of the back of the box and pressing upward on the rear cover. Remove the battery from the bottom cavity of the box and press it into the corresponding terminals on the battery plug. Be careful to observe proper polarity of the battery. Carefully place connected battery into cavity at the bottom of unit and replace rear cover.

Checking Temperature/Humidity:

Place the switch in the side of unit in the on position. The display should light up with ambient temperature and humidity shown.

Allow unit to stabilize for approximately one minute. Remove the red cap covering the tube input in the middle of the front of unit. Place the outlet tube from the unit to be tested into the tube input. Air from the test unit will blow across the internal sensor. The unit checks temperature and humidity appropriately every ½ second. A properly operating dehydrator should show a slow decline in humidity until it bottoms out at the output humidity for unit being tested. Engine Saver should reach approximately 10% humidity. Black Max should reach approximately 20% humidity.

NOTE: When checking a Black Max, it is necessary to go through the airflow procedure first to verify the unit is blowing at the proper rate and the unit has pulled enough water to seal the block.

