



# HALL Technical Services, LLC

*“The GSE Problem Solvers”*

## HALL Pre-Conditioned Air Test Unit – Load Bank and Case

\* PATENT PENDING

### HALL PCAT "Load Bank" Part Number: AP1714-0001

- The HALL PCAT Load Bank is a pre-conditioned air tester designed to be utilized as a maintenance analyzing tool by GSE/HVAC technicians
- Determine end of hose discharge status on any PCA unit
- The HALL PCAT Load Bank is connected to the aircraft supply hose utilizing the 8" HALL PCA Inlet Adapter
- The HALL PCAT Load Bank enables the maintenance technician to quickly determine operating status
- Adjustable restrictor nozzle to simulate various aircraft air requirements
- Real time meter readings for temperature, air flow and pressure
- NO need for tools
- NO need for hose separating
- NO requirement for removing sections of hose

HALL PCAT Load Bank can be used on all units using a discharge hose via a PCA Inlet Adapter 8" regardless if it is a fixed, mobile or central system.

#### Usages:

- Adjustable testing nozzle to validate air conditioning units discharge air
- Displays temperature of the air being supplied to the aircraft
- Test both mobile and stationary air conditioners

#### Note:

This testing device is not intended for: Proofing or verifying any point of use manufactures or central systems units published or required operational performance design or performance criteria of the units' certification for supplying condition air from the point of use conditioned air unit for supporting aircraft manufacturers design requirement of the aircraft.



HALL PCAT Load Bank comes complete with all gauges and attached hand cart for simple operation



The HALL PCAT Load Bank has ability for achieving setting maintenance with adjustable restricted airflow ranges in varied - inches of H2O.

- Commuter at: 8 - 12 in. of H2O
- Narrow body at: 15 - 20 in. of H2O
- Wide Body at: 20-30 in. of H2O

### HALL PCAT Load Bank Case

- Telescoping handle which stores flush in case when not in use
- Black tongue and groove aluminum valances Padlockable
- Recessed military style quarter turn latches
- Recessed wheels with housings
- Full length heavy duty piano hinges
- Spring loaded military style handles
- Lid stays



Protective Case included



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