

Service Bulletin

MODEL(S)	TT43
PART NUMBER(S)	6430043-1
DESCRIPTION	Battery Charger/Tester
TOPIC	Software Update, Version 1.7.0
PURPOSE	Performance Enhancement
RELEASE DATE	March 25, 2019

APPLICABILITY

This Service Bulletin is applicable to the 6430043-1 part number manufactured by Mid-Continent Instrument Co., Inc. (dba True Blue Power and Mid-Continent Instruments and Avionics). Units with this modification are available for sale from the manufacturer.

PURPOSE

The TT43 Software Version 1.7.0 includes updates that improve the accuracy of capacity testing for the 9015607 battery packs used in 4300 “Lifesaver” Attitude Indicators and MD421 Emergency Backup Battery Systems.

EFFECTIVITY

Existing TT43 units previously produced and fielded cannot be upgraded with this software change.

Following the release date of this Service Bulletin, all TT43 units manufactured by True Blue Power shall include the improvements as described.

DESCRIPTION

The following list describes the changes incorporated in this TT43 update.

1. Improved charging performance for the 9015607 battery packs

This software update improves charging performance and capacity accuracy when used to test and charge 9015607 battery packs. It also provides minor improvement for testing and charging 9016925 battery packs. In the case of the 9015607 MOD 1 battery packs, the software update now allows the TT43 to fully charge the battery. Previously, the TT43 would not fully charge the MOD 1 version of the battery pack. This did not prevent the battery from charging fully once installed, but could lead to nuisance faults indicated on the TT43 tester if tested repeatedly.

ESTIMATED MANPOWER

None. Not available for field update.

APPROVALS

None required

WEIGHT AND BALANCE

No change

ELECTRICAL LOAD DATA

No change

CERTIFICATION

Not applicable

OTHER PUBLICATIONS AFFECTED

None

ACCOMPLISHMENT INSTRUCTIONS

The changes associated with this Service Bulletin apply only to factory-new product provided by True Blue Power and marked accordingly.

To consider whether or not previously fielded product may be eligible for factory refurbishment to include this software update, please contact True Blue Power.

Contact information: True Blue Power
9400 E. 34th Street N.
Wichita, KS 67226
(316) 630-0101