

Service Bulletin

MODEL(S)	TB17
PART NUMBER(S)	6430017-()
DESCRIPTION	Advanced Lithium-ion Battery
TOPIC	Modification (“MOD”) 3
PURPOSE	Miscellaneous operational enhancements
RELEASE DATE	October 25, 2022

APPLICABILITY

This Service Bulletin is applicable to the model TB17 Advanced Lithium-ion Battery, part numbers 6430017-() manufactured by Mid-Continent Instrument Co., Inc. (dba True Blue Power). These updates are to be performed ONLY by authorized personnel per the instructions as listed in this Service Bulletin. Units with this modification are available for sale from the manufacturer.

PURPOSE

This modification (MOD) to the TB17 series includes a minor hardware change that enables the unit to meet the minimum operating performance standards for requirements for FAA/TSO-C179b according to the requirements of RTCA/DO-311A.

EFFECTIVITY: Voluntary

Existing TB17 product previously produced and fielded cannot be upgraded with these MOD 3 changes as described without refurbishment from the manufacturer.

Following the release date of this Service Bulletin, all TB17 units marked as MOD 3, including those newly manufactured by True Blue Power and marked as such, shall include the changes as described herein.

DESCRIPTION

The following list describes the changes incorporated in this TB17 modification.

1. Lid Gasket

The TB17 lid gasket has been improved to assure that in the unlikely event of a thermal runaway, all emissions exit the battery through the designed vent port.

ESTIMATED MANPOWER

None. Not available for field update.

APPROVALS

None required

WEIGHT AND BALANCE

No change

ELECTRICAL LOAD DATA

No change

CERTIFICATION

This Service Bulletin represents a minor change and therefore does not affect the previously approved Technical Standard Order Authorization (TSOA) of the TB17 to TSO-C179a. However, this minor change is required to support the Technical Standard Order Authorization (TSOA) of the TB17 to TSO-C179b.

OTHER PUBLICATIONS AFFECTED

True Blue Power Installation Manual and Operating Instructions, part number 9018047, Revision M or later, includes information associated with this Service Bulletin.

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 previously fielded product may be eligible for factory refurbishment and upgraded to include this modification, please contact True Blue Power.

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