

Service Bulletin

MODEL(S)	TC280
PART NUMBER(S)	6430280-()
DESCRIPTION	115VAC to 28VDC Converter
TOPIC	Modification (“MOD”) 1
PURPOSE	Product Enhancement
RELEASE DATE	December 16, 2019

APPLICABILITY

This Service Bulletin is applicable to the model TC280 115VAC to 28VDC Converter, part numbers 6430280-() manufactured by Mid-Continent Instrument Co., Inc. (dba True Blue Power and Mid-Continent Instruments and Avionics). 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 to the TC280 series includes hardware changes that enhance and optimize current functionality to provide improved operational characteristics.

EFFECTIVITY: Voluntary

Existing TC280 product previously produced and fielded cannot be upgraded with these MOD 1 changes as described.

Following the release date of this Service Bulletin, all TC280 units marked as MOD 1, including those newly manufactured by True Blue Power and marked as such, shall include the changes as described herewith.

DESCRIPTION

The following list describes the changes incorporated in this TC280 modification.

1. Startup Output Current
The TC280 MOD1 improves short-term peak output current from 19A to 24A at 28VDC for a maximum of 4 seconds.

2. Identification

“MOD 1” will be marked out on the TC280 nameplate.

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 thus maintains all aspects and qualification basis of the previously approved Technical Standard Order Authorization of the TC280 series.

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 and upgraded to include this modification, please contact True Blue Power.

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