

NUMBER	SB1912
TO	T-Series Dealer and Customer Network
SUBJECT	GMU Rework on T-Series Antennas
REVISION	Rev B
DATE	9/30/19

## AFFECTED ASTRONICS AEROSAT PRODUCT

DESCRIPTION	Antenna T-210
PART NUMBER	001-2129-1001
PART NUMBER REVISION	Rev All
SERIAL NUMBER(S):	051118WO4039, 032917WO1983, 030717WO1882, 090816WO1345, 101218WO4469, 040517WO2049, 031717WO1949

## REFERENCE DOCUMENTATION

001-2129-1001	Antenna, T-210
000-2129-1004-LMM	Line Maintenance Manual, T-310

### 1.0 COMPLIANCE – RECOMMENDED

Compliance with this Service Bulletin is recommended to be performed during the next scheduled maintenance period. Removal and RMA to Astronics AeroSat for repair is required. This process is intended to be performed as a repair to original equipment only, however exchanges are available. SB1907 will also be complied with during this replacement as required.

### 2.0 BACKGROUND

T-Series antennas listed below in section 4.0 may have degraded performance during operations due to the GMU's frame of reference to level ground. This may impact tracking and aligning performance causing service outages.

### 3.0 PURPOSE

The purpose of this SB is to conduct an update T-Series antenna GMU leveling procedure to set the antenna frame of reference to level.

### 4.0 SCOPE

This Service Bulletin applies to T-210/310 Gimbaled Antenna Units (GAU's) serial numbers: 051118WO4039, 032917WO1983, 030717WO1882, 090816WO1345, 101218WO4469, 040517WO2049, and 031717WO1949 only.

## **5.0 APPROVAL**

Astronics AeroSat Field Service Engineering approves this Service Bulletin.

## **6.0 PROCEDURE**

Remove the 001-2129-1001 GAU per the 000-2129-1004-LMM, and RMA the unit to Astronics AeroSat for repair and return to service then Reinstall/Replace as supplied.

### **6.1 PERSONNEL REQUIREMENTS**

One qualified technician is required to perform this task.

### **6.2 TOOLING REQUIREMENTS**

General shop tools are required to perform this procedure.

### **6.3 PARTS REQUIREMENTS**

One 001-2129-1001 Antenna is required to perform this procedure.

### **6.4 WEIGHT AND BALANCE**

There is no effect to weight and balance.

### **6.5 ELECTRICAL LOAD**

There is no effect to electrical load.

## **7.0 INSTRUCTIONS**

Remove and replace the 001-2129-1001 GAU per the 000-2129-1004-LMM.

## **8.0 ACCEPTANCE/REJECTION CRITERIA**

Acceptance of the Service Bulletin is obtained upon installation of received 001-2129-1001 GAU.

## **9.0 RECORD OF COMPLIANCE**

Upon completion of the maintenance action, ensure an entry is made in the appropriate aircraft log or operator's maintenance documentation system.

## **CONTACT INFORMATION**

For questions regarding this Service Bulletin, please contact Astronics AeroSat Product Support.

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