

NUMBER	SB1907
TO	T-Series Dealer and Customer Network
SUBJECT	GAU Support Arm Replacement
REVISION	Rev A
DATE	5/7/19

AFFECTED ASTRONICS AEROSAT PRODUCT

DESCRIPTION	Antenna T-210
PART NUMBER	001-2129-1001
PART NUMBER REVISION	Rev ALL

REFERENCE DOCUMENTATION

001-2129-1001	Antenna, T-210
100-24586	Support Arm, Right
100-24587	Support Arm, Left
000-2129-1004-LMM	Line Maintenance Manual, T-310

1.0 COMPLIANCE – MANDATORY

You must comply with this Service Bulletin within one year of date of issue. It is best to complete these instructions during the next scheduled maintenance period. Request an Astronics AeroSat RMA, remove and return the 001-2129-1001 GAU to Astronics AeroSat for repair. This process is a repair to original equipment only. No exchanges are available.

2.0 BACKGROUND

It was discovered that the 100-24586 and 100-24587 Support Arms on the 001-2129-1001 GAU have been anodized via a process not defined by the OEM design data. The process used increases the potential for corrosion of the 100-24586 and 100-24587 Support Arms.

Astronics AeroSat evaluated the impact and determined all Support Arms shall be replaced. All units in Astronics AeroSat stock have been reworked to comply with the defined OEM design. Stock sufficient to replace fielded units has been received.

This is not a safety of flight issue. The arms are to be replaced as a preventative measure. Upon removal and return to Astronics AeroSat, the unit will be reworked and repaired in the standard 10-day turnaround time (TAT).

3.0 PURPOSE

This Service Bulletin is to make sure the Support Arms on the T-210/310 GAU are replaced with arms manufactured and anodized in accordance with standard practices defined by the OEM design data.

4.0 SCOPE

This Service Bulletin applies to all T-210/310 Gimbaled Antenna Units (GAU's) delivered before 5/1/19.

5.0 APPROVAL

Astronics AeroSat Field Service Engineering approves this Service Bulletin.

6.0 PROCEDURE

RMA the unit to Astronics AeroSat for repair and return to service. Remove and replace the 001-2129-1001 GAU per *000-2129-1004-LMM*.

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

1. Request an RMA from Astronics AeroSat.
2. Remove the 001-2129-1001 GAU per *000-2129-1004-LMM*.
3. Return the 001-2129-1001 GAU to Astronics AeroSat.
4. Upon receipt, install the reworked 001-2129-1001 GAU per *000-2129-1004-LMM*.

8.0 ACCEPTANCE/REJECTION CRITERIA

Compliance to this Service Bulletin is accepted upon installation of a reworked 001-2129-1001 GAU.

9.0 RECORD OF COMPLIANCE

Upon completion of this maintenance, make sure to make an entry 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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