



U.S. Department
of Transportation
**Federal Aviation
Administration**

Aircraft Certification Service
Compliance & Airworthiness Division

Chicago ACO Branch
2300 East Devon Avenue
Des Plaines, IL 60018

September 5, 2019

Paul Bogdans
Engineering Manager
R.A. Miller Industries (RAMI)
14500 168th Ave
Grand Haven, MI 49417

Dear Mr. Bogdans:

This is in reply to your letter of May 10, 2019 (revised on July 23, 2019 for Deviations, and additional email, for clarifying TSO qualifications), requesting Technical Standard Order (TSO) authorization for Omni-Directional Antenna, Model AV-61. We accept your statement certifying that your article meets the requirements of TSO-C66c; TSO-C74d; TSO-C118a; TSO-C112e and TSO-C147a that you meet the requirements of Title 14 Code of Federal Regulations Part 21, Subpart O. Effective this date, we authorize you to identify the Antenna with the marking requirements defined in 14 CFR §45.15(b) and in TSO-C66c; TSO-C74d; TSO-C118a; TSO-C112e and TSO-C147a.

<u>Approved Part Number</u>	<u>Description</u>
AV-61	Antenna, (960-1220 MHz) (Incomplete System)

We consider your quality system, as defined in your RAMI Quality Policy Manual, Revision M, dated May 15, 2014 (or later FAA approved revision) satisfactory for production of this article at your Grand Haven, Michigan facility.

Per our agreement, we will retain all data that was submitted in support of your Technical Standard Order (TSO), as follows:

- a. Statement of Conformance in your letter dated May 10, 2019, and
- b. Qualification Test Report (QTR), dated 5/10/19.

This TSO authorization, issued under 14 CFR 21.611, is effective until surrendered, withdrawn or otherwise terminated under the provisions of 14 CFR 21.613. With notice, we may withdraw this TSO authorization if articles aren't in compliance with the applicable TSO performance standards per 14 CFR 21.2.

You must obtain FAA approval prior to making any changes to the location of your manufacturing facilities pursuant to 14 CFR 21.609(b).

Without further FAA approval, we don't allow manufacturers to mark articles after they change their company's name, address, or ownership. You must notify the ACO and MIDO of name, address, or proposed ownership changes.

Per 14 CFR 21.614, a holder of a TSOA may not transfer it. If you wish to transfer it, you must request a transfer from the FAA.

Send to this office any design change(s) for this TSO article as outlined in 14 CFR 21.619(a). You should notify us of minor design changes within six (6) months. Also, as recipient of this authorization, we require you to report any failure, malfunction, or defect relating to articles produced under this authorization in accordance with the provisions of 14 CFR 21.3.

Please note that technical data the FAA retains may be subject to Freedom of Information Act (FOIA) requests. This office will notify you of any request(s) pertaining to your data and give you the opportunity to protect the data from public disclosure.

If you have any questions regarding this authorization, contact Mr. Surinder Sangha at (847) 294-7010, fax (847) 294-7834 or email surinder.sangha@faa.gov.

Sincerely,



Steven L Lardinois
Manager, Systems Section
Chicago ACO Branch