



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

March 7, 2023

Bosch Security Systems, LLC.
Mr. Weili Lin
12000 Portland Ave. S.
Burnsville, MN 55337

Dear Mr. Lin:

This is in reply to your submission package received on October 24, 2022 (updated documents received on March 6, 2023), requesting Technical Standard Order (TSO) authorization for Bosch Security Systems, LLC handheld microphone Model 903E, Part Numbers as provided below. We accept your statement certifying your article meets the requirements of TSO-C139a and 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 following articles with the marking requirements as defined in 14 CFR § 45.15(b) and in TSO-C139a.

<u>Part Numbers</u>	<u>Description</u>
903-2341	Microphone, electret blade mount, PJ068
903-2342	Microphone, electret blade mount A4M

We consider your Quality Control System, as defined in your Quality Manual for FAA TSO Products, BTPD-26257-000, revision 13.00, dated February 16, 2021, satisfactory for production of these articles at your Lincoln, Nebraska and Hermosillo, Sonora, Mexico facilities.

You must provide one copy or online access to data listed as a furnished data requirement in the TSO to the original owner/installer of each article or multiple articles if furnished to one source (e.g. an operator, type certificate holder, or repair station)

This TSO authorization, issued under 14 CFR 21.611, is effective until surrendered, withdrawn or otherwise terminated under the provisions of 14CFR 21.613. With notice, we may withdraw this TSO authorization if articles do not comply 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 do not 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.

Any design change to this TSO article must be forwarded to this office as outlined in 14 CFR § 21.619(a) with minor change submittal intervals not to exceed six months. Also, as recipient of this authorization, you are required to report any failure, malfunction, or defect relating to this authorization in accordance with the provisions of 14 CFR § 21.3.

Please note that technical data retained by the FAA may be subject to Freedom of Information Act (FOIA) request. As such, this office will notify you of all such request pertaining to your data and afford you the opportunity to protect the release of the data.

If you have any questions regarding this authorization, contact Aaron Foutch by phone at (847) 294-7124 or by email at aaron.foutch@faa.gov.

Sincerely,

Aaron L. Foutch
Senior Aerospace Engineer, Systems Section
Chicago ACO Branch