

# UNAPPROVED PARTS NOTIFICATION

Aircraft Certification Service



**FAA**  
Aviation Safety

No.: AAE-EHL-20241031-589

Date: 8/15/2025

<http://www.faa.gov/aircraft/safety/programs/sups/upn>

## AFFECTED PRODUCTS

The following antennas manufactured and distributed by Matterwaves Antenna Technology: Part Numbers MAT-CRPA8C-9.4CR-16P-S-1, MAT-B5-IR-A5-N-1, MAT-B5-2.5R-P-T-2, MAT-743GPS1216A-T1, MAT-743GNSS-A4-TXC1.

## PURPOSE

This notification advises all aircraft owners, operators, manufacturers, maintenance organizations, parts suppliers, and distributors that the referenced parts supplied or manufactured by Matterwaves Antenna Technology may not meet Federal Aviation Administration (FAA) production approval, regardless of the accompanying certification.

## BACKGROUND

Information discovered during an FAA Suspected Unapproved Parts (SUP) investigation revealed that between September 2021 to August 2023, Matterwaves Antenna Technology, located at 2461 W. 205th Street Suite B103 Torrance, CA, 90501, produced and sold parts for installation on type-certificated aircraft without approval and authorization of the FAA.

The parts produced and/or sold by Matterwaves Antenna Technology may have these characteristics:

- Parts accompanied by altered FAA Form 8130-3, Airworthiness Approval Tags and the forms do not indicate parts manufacturer approval (PMA) or technical standard order (TSO) authorization.
- No evidence indicating the parts were produced by an FAA-approved manufacturer.
- Parts are not marked with the words "FAA-PMA" or TSO number markings.

## RECOMMENDATIONS

FAA regulations require that type-certificated products conform to their type design. The FAA encourages aircraft owners, operators, manufacturers, maintenance organizations, and parts suppliers and distributors to inspect their aircraft and/or aircraft parts inventory for the referenced part numbers. If these parts are found in existing inventory, the FAA recommends that they be quarantined to prevent installation until a determination can be made regarding their eligibility for installation.

## FURTHER INFORMATION

You may obtain further information concerning this investigation from the FAA certificate management section below. In addition to the above recommendations, the FAA would appreciate any information concerning the discovery of the above referenced antennas from any source, the means used to identify the source, and the actions taken to remove the bushings from the aircraft and/or parts inventories.

This notification originated from the FAA Los Angeles Certificate Management Section,  
3960 Paramount Boulevard, Lakewood, CA 90712; Email 9-avs-873cms@faa.gov.

FOR OFFICIAL USE ONLY

Public availability to be determined under 5 U.S.C. 552