

# EU-TYPE EXAMINATION CERTIFICATE

No **0370-UAS-0003**

<b>ISSUED BY</b>	LGAI TECHNOLOGICAL CENTER, S.A. - No. 0370 (APPLUS)		
<b>APPLICANT</b>	SZ DJI TECHNOLOGY CO., LTD.		
<b>MANUFACTURER (Name and address)</b>	SZ DJI TECHNOLOGY CO., LTD. Lobby of T2, DJI Sky City, No. 53 Xianyuan Road, Xili Community, Xili Street, Nanshan District, Shenzhen China		
<b>COMMERCIALISED BY (Brand)</b>	DJI		
<b>PRODUCT (Model)</b>	DJI Mavic 3E EU, DJI Mavic 3T EU, DJI Mavic 3M EU Models: M3E-EU, M3T-EU, M3M-EU		
<b>TYPES</b>	UAS	<b>CLASS / ADD-ON</b>	C2
<b>HW / SW / FMW version</b>	Aircraft Firmware: 06.01.8003 APP Firmware: root-develop-9113 RC Firmware : 02.00.0407 HW: v1.0		
<b>APPLICABLE REGULATION</b>	<b>DELEGATED REGULATION (EU) 2019/945 amended by DELEGATED REGULATION (EU) 2020/1058</b>		
<b>DESCRIPTION</b>	<i>DJI Mavic 3E EU, DJI Mavic 3T EU, DJI Mavic 3M EU are a series of C2 UAS with an MTOM of 1050 g, with hovering and flying indoors as well as outdoors capabilities and for automatic Return to Home while avoiding obstacles in all directions.</i>		
<b>MEETS ESSENTIAL REQUIREMENTS</b>	<input type="checkbox"/> C0	<input type="checkbox"/> C1	<input checked="" type="checkbox"/> C2
	<input type="checkbox"/> C3	<input type="checkbox"/> C4	<input type="checkbox"/> Direct remote identification add-on
	<input type="checkbox"/> C5	<input type="checkbox"/> Accessories kit C5	<input type="checkbox"/> C6

*This Certificate is valid as long as there are no changes in the state of the Art indicating that the approved radio equipment can no longer meet the essential requirements of Delegated Regulation (EU) 2019/945 or its latest modification and there are no notifications of the approved type that may affect the accordance with the essential requirements of the Delegated Regulation (EU) 2019/945 or its delegated modification.*

This document is not valid without its technical annex, whose number matches with the number of this certificate.

The evaluation of the technical documentation delivered is included in the technical file number: 23/36402389

Restrictions: Geo-awareness - Uploading of the UGZ and related tests

Bellaterra, 20, July, 2023

José Luis Medina  
 Certification Director  
 Electrical & Electronics – Spain



Check the validity of this certificate in our website

*The manufacturer, after the completion of the technical documentation, the conformity assessment procedures and the EU Declaration of conformity, may affix the CE Marking under his responsibility.*



## TECHNICAL ANNEX

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### A. MODEL DESCRIPTION

#### A.1. GENERAL INFORMATION ON UNMANNED AIRCRAFT SYSTEMS:

**Manufacturing country:** China

**Brand:** DJI

**Commercial designation:** DJI Mavic 3E EU, DJI Mavic 3T EU, DJI Mavic 3M EU

**Country of commercialization:** EU

**Class:** C2

**Application:** hovering and flying indoors as well as outdoors and for automatic Return to Home while avoiding obstacles in all directions (A2/A3 sub-category operation)

##### A.1.1 TRADE VERSIONS/VARIANTS: M3E-EU, M3T-EU, M3M-EU

#### A.2. FEATURES:

**Gimbal and Camera:** DJI Mavic 3E's wide-angle 4/3 CMOS, 20MP sensor has a mechanical shutter to prevent motion blur and supports rapid 0.7-second interval shooting, improving the efficiency of mapping missions.

Both DJI Mavic 3E and DJI Mavic 3T are equipped with a 12MP tele camera, supporting up to 56x Max Hybrid Zoom to see essential details from afar.

Mavic 3T's thermal camera has 640x512 resolution and supports point and area temperature measurement, high-temperature alerts, color palettes, and isotherms to help you find your targets and make quick decisions.

DJI Mavic 3M integrates an RGB camera and four multispectral cameras. The 4/3 CMOS, 20MP RGB camera has a mechanical shutter to prevent motion blur and supports rapid 0.7-second interval shooting when only the RGB camera is used. Four 5MP multispectral cameras (green, red, red edge, and near infrared), together with the spectral sunlight sensor, enable applications such as high-precision aerial surveying, crop growth monitoring, and natural resource surveys.

**Video Transmission:** with four antennas and DJI's long-range transmission O3 Enterprise (OCUSYNCTM 3.0 Enterprise) technology, DJI Mavic 3E/3T and 3M offer a maximum transmission range of 15 km and video quality at up to 1080p 30fps from the aircraft to DJI Pilot 2 app.

The remote controller works at both 2.4 and 5.8 GHz, and is capable of selecting the best transmission channel automatically.

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### A.3. SOFTWARE VERSION(S):

- Aircraft Firmware: 06.01.8003
- APP Firmware: root-develop-9113
- RC Firmware : 02.00.0407

### A.4. HARDWARE VERSION(S):

- HW : V1.0

### A.5. OTHER COMPONENTS

- Remote controller: RM510B
- DJI Mavic 3 Enterprise Series Low-Noise Propellers (Model: 8658F)
- DJI Mavic 3 Intelligent Flight Battery (Model: BWX260-5000-15.4)
- DJI Mavic 3 Enterprise Series RTK Module
- DJI Mavic 3 Enterprise Series Speaker
- MicroSD card

## B. TEST REPORT.

Standard	Laboratory	Report no.
prEN 4709-001:2023 [ASD-STAN draft prEN 4709-001 - 09mar2023]	Applus (Shanghai) Quality Inspection Co., Ltd.	23/36401292F01
		23/36401292F02
		23/36401292F03
		23/36401292F04
		23/36401292F05
		23/36401292F08
		23/36401292I01
		23/36401292F07
prEN 4709-002:2023 Edition P 1 [February 2023]	CVC Testing Technology Co., Ltd.	2023_8400_SECDJITA001_EXP_M1
prEN 4709-003:2023 Edition P 1 [February 2023]		23/36401292F06
prEN 4709-004:2023 Edition P 1 [February 2023]		23/36401292L01
ISO 3744:2010	CVC Testing Technology Co., Ltd.	WTS2023-14294

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### **C. RESTRICTIONS (IF POSITIVE)**

**Restrictions**      **YES**     **NO**

**Describe restrictions: Geo-awareness - Uploading of the UGZ**

Is still impossible to integrate UGZ data from Member State, as there are still differences on the format and interpretation of the unique common digital format from ED-269 between the different Member States.

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### D. ACTIVITIES CARRIED OUT BY THE NB

#### Technical Documentation Review

- Complete description of the product and its functionalities including, when applying:
  - External features photographs/illustrations
  - External markings photographs/illustrations
  - Internal layout photographs/illustrations
  - Versions of any SW/FW involved in compliance
  - Installation instructions
  - Information about FTS, including technical explanations about means for reducing the UA impact dynamics
  - Manufacturer's Instructions / User's manual
    - DJI Mavic 3E+3T User Manual 1.4 认证0717
    - DJI Mavic 3M User Manual v1.2 认证0718
- List of the harmonised standards applied in full or in part
- Conceptual design drawings / sketch / block diagram
- List and descriptions of other standards adopted
- Bill of Materials (BoM)
- Test reports
- Address of manufacturer
- Explanations of drawings and schemes
- Design declarations:
  - Structure
  - Propellers
  - Manoeuvring limit loads
- Declaration of conformity for Machinery directive 2006/42/EC
  - MD GZES2304007644MD
  - DSS\_GZES230400764401\_combined
- Schemes of:
  - Components
  - Sub-assemblies
  - Circuits
- Results of design calculations and examinations
- Information, photographs and drawings of the product labels (class, CE, noise level, etc.)
- Block diagram
- Manufacturing drawings
- Operational description
- Test set up photographs
- Risk Assessment
- EU Declaration of Conformity
- EU Simplified Declaration of Conformity
- Address of place of storage
- Software updates declaration
- Supporting evidence for the adequacy of the technical design solution

#### Other activities

- Review Technical Justifications
- Analysis report
- EU type certification issued

This review includes draft standards, deviations from the standards and technical justification for compliance.

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### **E. ADDITIONAL INFORMATION:**

Commission Delegated Regulation (EU) 2019/945, Annex Part 8, Module B.9: The manufacturer shall keep a copy of the EU-type examination certificate, its annexes and additions together with the technical documentation at the disposal of the national authorities for 10 years after the product has been placed on the market.

Commission Delegated Regulation (EU) 2019/945, Annex Part 8, Module B.7: The manufacturer shall inform the notified body that holds the technical documentation relating to the EU-type examination certificate of all modifications to the approved type that may affect the product's conformity with the essential requirements of this Regulation or the conditions for the certificate's validity. Such modifications shall require additional approval and attached to the original EU-type examination certificate.