

JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS W 0141 : 2019

(JUAV/JSA)

Unmanned aircraft — Vocabulary

ICS 01.040.49 ; 49.020

Reference number : JIS W 0141 : 2019 (E)

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W 0141 : 2019

Date of Establishment: 2019-10-21

Date of Public Notice in Official Gazette: 2019-10-21

Investigated by: Japanese Industrial Standards Committee
Standards Board for ISO area

JIS W 0141 : 2019, First English edition published in 2020-12

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

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Printed in Japan

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Foreword

This Japanese Industrial Standard has been established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by Japan UAV Association (JUAV)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act.

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Unmanned aircraft — Vocabulary

1 Scope

This Japanese Industrial Standard specifies main terms and definitions relating to unmanned aircraft.

2 Classification

The classification of terms relating to unmanned aircraft shall be as follows.

- a) **Classification**
- b) **Parts which constitute the system**
- c) **Design, function and performance criteria of the system**
- d) **Operation of the system**

3 Terms and definitions

Terms and definitions shall be as follows.

The corresponding English terms are also listed for reference.

NOTE 1 When one term represents some concepts, the target field is shown in small letters in parentheses in the same line.

NOTE 2 Since the term of “weight” is used in the sense of “mass” in the Civil Aeronautics Act, “weight” is used in the same way in this Standard.

a) Classification

No.	Japanese term	Definition	English term (reference)
1001	無人航空機, UAV	object which can be flown by manual control or automatic control among those such as an airplane, rotorcraft, aerodone and airship available for aviation which a person cannot board structurally	unmanned aircraft, unmanned aerial vehicle
1011	固定翼無人航空機	unmanned aircraft with a fixed wing surface, which flies by the lift produced on the wing surface	unmanned fixed wing aircraft, unmanned aeroplane
1021	回転翼無人航空機	unmanned aircraft which obtains the lift during flight from the rotor	unmanned rotorcraft
1031	無人ヘリコプタ	unmanned rotorcraft which obtains main lift and propulsion power from two or less rotors which rotate around a nearly vertical axis	unmanned helicopter
1041	マルチロータ 無人航空機	unmanned rotorcraft which obtains main lift and propulsion power from three or more rotors which rotate around a nearly vertical axis It is also called multirotor or multicopter.	unmanned multi-rotor aircraft