

PDRA01 Operational Authorisation



Authorisation details

Key details

Operator (you)	Bournemouth University
Operator ID	GBR-OP-7696H4LRP8R7
Authorisation number	PDRA01-22166
Issued on	5 April 2024
Expires on	17 April 2025 unless otherwise suspended or revoked

Contact and operations manual details

You must tell us if any of these details change.

Accountable Manager	Name: James Andrews Phone: 07872418836 Email: coo@bournemouth.ac.uk
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Operations Manual	Date: 24 February 2023 Version: 1.8
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What you're authorised to do

Authorisation We authorise you to fly Unmanned Aircraft below 25kg within 150m of residential, commercial, industrial, or recreational areas. You must only fly within visual line of sight (VLOS).

You must carry out operations in accordance with the authorisation conditions and limits; Annex IX to Assimilated Regulation (EU) 2018/1139 and its implementing rules; relevant aspects of the Standardised European Rules of the Air, as described in AMC1 Article 7(2) to Assimilated Regulation (EU) 2019/947; and your operations manual.

Issued by UK Civil Aviation Authority (CAA) ('we', 'us'), under Article 5 of Assimilated Regulation (EU) 2019/947.

CAA signatory

A handwritten signature in black ink, appearing to read "K Woolsey".

Kevin Woolsey, Head of RPAS, CAA

Conditions and limits

What you can fly

1 Model of unmanned aircraft	1.1 Any (rotary wing and/or fixed wing) Unmanned Aircraft with a MTOM/flying weight of less than 25kg.
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Where and when you can fly

2 Areas	2.1 Flights may be conducted within 150m of any residential, commercial, industrial, and/or recreational area.
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3 Location	3.1 Any location in the UK, subject to the airspace restrictions set out in this authorisation.
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4 Operating times	4.1 24 hours a day. Night operations must be carried out in accordance with the procedures in the operating manual.
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5 Airspace	5.1 Flights must not be conducted within any applicable airspace restriction unless the appropriate permission to enter has been obtained. This includes: Flight Restriction Zones (FRZs) around protected aerodromes and space sites; restricted, prohibited and danger areas (including temporary restrictions); and any other applicable restrictions.
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6 Altitude, heights and levels	6.1 The Unmanned Aircraft must be maintained within 120 metres (400ft) from the closest point of the surface of the earth.
	6.2 Obstacles taller than 105m may be overflown by a maximum of 15m under the following conditions: <ul style="list-style-type: none"> – the person in charge of the obstacle must have requested this; and – the Unmanned Aircraft must not be flown more than 50m horizontally from the obstruction.

7 Maximum operating range	7.1 Flights must be conducted within VLOS as per the definition given in UK Reg (EU) 2019/947, Article 2(7) and must not exceed 500m from the Remote Pilot.
	7.2 When operating within VLOS as defined in UK Reg (EU) 2019/947, Article 2(7), the Remote Pilot may be assisted by a competent observer who must be co-located with the Remote Pilot and able to communicate with them clearly and effectively. If present, the observer must maintain VLOS as per the definition given in UK Reg (EU) 2019/947, Article 2(7) at all times.
	7.3 In order to remain within VLOS, as defined in UK Reg (EU) 2019/947, Article 2(7), the Remote Pilot may only change location during the flight, if still able to maintain control of the UAS at all times, and maintain situational awareness and orientation, as set out in the VLOS definition. This must be described within the operations manual procedures, if required.

Conditions and limits continued

Distances from people

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| 8 Separation from uninvolved persons | <p>8.1 Flights must not be carried out within 50m of uninvolved persons, except during take-off and landing, where this separation may be reduced to 30m.</p> <p>8.2 Any overflight of uninvolved people must be kept to a minimum.</p> <p>8.3 Flights must not be carried out within 50m horizontal separation of assemblies of people. Any overflight of assemblies of people must not be conducted.</p> <ul style="list-style-type: none"> – Lone Remote Pilots must have an appropriately set maximum allowed distance from launch/pilot and an appropriately set minimum return to home (RTH) battery level. (A lone remote pilot is a remote pilot who does not have any support crew next to them during the flight.) <p>8.5 Horizontal separation between the unmanned aircraft and assemblies of people must not be less than the height of the unmanned aircraft (i.e., the 1:1 rule).</p> |
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Loads and equipment

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| 9 Security of loads and equipment | <p>9.1 The Remote Pilot must ensure that any load carried by, or equipment on, the Unmanned Aircraft is properly secured, and that the aircraft is in a safe condition for the specific flight.</p> <p>9.2 Articles must not be dropped.</p> <p>9.3 Dangerous goods must not be carried.</p> |
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Remote pilots and operators

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| 10 Remote pilot requirements | <p>10.1 Remote pilots must:</p> <ul style="list-style-type: none"> – be employed or contracted by the UAS Operator, – hold a valid UK Flyer ID, – hold a valid GVC, – follow the requirements of UK Reg (EU) 2019/947, point UAS.SPEC.060, and – be qualified as per the requirements of the Operations Manual. |
| 11 Operator requirements | <p>11.1 The UAS Operator must:</p> <ul style="list-style-type: none"> – comply with the responsibilities set out in UK Reg (EU) 2019/947, point UAS.SPEC.050, – maintain records of each flight made under the Operational Authorisation, and – make such records available to the Civil Aviation Authority on request as per UK Reg (EU) 2019/947, point UAS.SPEC.090. |
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Conditions and limits continued

Other conditions

12 Occurrence reporting	<p>12.1 Any occurrences that take place while operating under this authorisation must be reported in accordance with UK Reg (EU) 376/2014 and the requirements set out in CAP 722 section 2.7.</p> <p>12.2 Any accidents that take place while operating under this authorisation must be reported in accordance with UK Reg (EU) 996/2010 to the UK AAIB.</p>
13 Insurance	<p>13.1 Insurance cover meeting the requirements of UK Reg (EU) 785/2004 must be held.</p>
14 Control system failure	<p>14.1 The Unmanned Aircraft must be equipped with a mechanism that will cause it to land in the event of a disruption to, or a failure of, any of its control systems, including the C2 Link.</p> <p>14.2 The Remote Pilot must ensure that this mechanism is in working order before any flight is commenced.</p>
15 Radio spectrum	<p>15.1 The UAS Operator must ensure that the radio spectrum used for the C2 Link and for any payload communications complies with the relevant Ofcom requirements and that any licences required for its operation have been obtained.</p>
16 High energy devices	<p>16.1 The UAS Operator must ensure high energy devices are appropriately stored and transported.</p>
17 Operator ID	<p>17.1 The operator ID must be displayed on every aircraft flown under this operational authorisation.</p>
18 Operating from moving vehicles	<p>18.1 The Remote Pilot must not operate the UAS while operating any moving vehicle, or while in an aircraft.</p> <p>18.2 The Remote Pilot may operate the unmanned aircraft from a moving vehicle as a passenger (excluding in an aircraft) as long as the vehicle's speed and stability is such that they are able to maintain VLOS and control of the Unmanned Aircraft at all times.</p>

Supporting information

Images

- Taking and storing images of identifiable individuals from UAS, even inadvertently, may be subject to the General Data Protection Regulation and Data Protection Act 2018.

More information is available from the Information Commissioner's Office: <https://ico.org.uk/for-organisations/uk-gdpr-guidance-and-resources/cctv-and-video-surveillance/guidance-on-video-surveillance-including-cctv/additional-considerations-for-technologies-other-than-cctv/#uas>

Operating from private land

- You must get any applicable permission before flying from privately owned sites. You must not trespass.
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Supporting information continued

Regulations

- UK Reg (EU) 2019/947 means Assimilated Regulation (EU) 2019/947.
 - UK Reg (EU) 376/2014 means Assimilated Regulation (EU) 376/2014.
 - UK Reg (EU) 996/2010 means Assimilated Regulation (EU) 996/2010.
 - UK Reg (EU) 785/2004 means Assimilated Regulation (EU) 785/2004.
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Oversight and enforcement

Contact and operations manual details

You must tell us if any of your contact details or operations manual details change.

Oversight and enforcement

You may be selected for an audit at any time.

We may ask to see your Operations Manual and supporting records, such as aircraft technical logs and flight logs at any time. You must provide any relevant documents at our request, within the period we specify.

If you fail to meet this or any other requirement, we may revoke your authorisation or suspend it until you provide the information we require.

Contacting CAA about this authorisation

Phone

0330 022 1908
Monday to Friday, 8:30am to 4:30pm

Email

uavenquiries@caa.co.uk
