



IRISH AVIATION AUTHORITY

PERMISSION TO OPERATE A REMOTELY PILOTED AIRCRAFT SYSTEM

1. Pursuant to the Irish Aviation Authority (Rules of the Air) Order 2004; Article 5, the Irish Aviation Authority hereby grants, subject to the conditions specified in Schedule 1 and 2 attached, Permission to operate an Remotely Piloted Aircraft System to:

**Baseline Surveys Ltd.,
Mount Desert Lodge,
Lee Road,
Cork.**

2. Pursuant to the provisions of the Irish Aviation Authority Act, 1993: Article 60(1)(g), this permission hereby exempts the holder from complying with the following provisions of Irish Aviation Authority legislation:
 - i) (Personnel Licensing) Order, 2000; Article 5(1)
 - ii) (Operations) Order, 2006; Article 9(1)
 - iii) (Rules of the Air) Order, 2004; Rule 3(1)(b)(Sub 20kg UAS only)
 - iv) (Nationality and Registration of Aircraft) Order, 2005; Article 13
3. This Permission shall not be valid during the continuance of any breach of any condition thereof.
4. This permission shall have effect form the **13th day of November 2013**, until the **12th day of November 2014**, both dates inclusive, unless previously varied, suspended or revoked:-

Signed on behalf of the Irish Aviation Authority:

13th November 2013.



Official Stamp:



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AIRCRAFT SYSTEM**

SCHEDULE 1 – SYSTEM TYPE AND APPROVED OPERATORS

RPAS AIRCRAFT TYPE	SYSTEM DESCRIPTION
1. Asctec Falcon 8 Serial No.	8 x propellers – 8 x 100w electric brushless motors with a 8000mAh Lithium polymer battery 30214
2. C-Astral Bramor Serial No.	Wingspan 2.3 metres and 0.96 metres length EO 029

APPROVED SYSTEM OPERATOR(S)	SYSTEM OPERATOR QUALIFICATION
Paudie Barry	Manufacturer's course + BNUC-S course on RPAS

- END OF SCHEDULE -

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SCHEDULE 2 – CONDITIONS

1. This Permission shall be deemed invalid during any period exceeding 28 days in which the holder of the Permission is in default in payment of any of the fees payable in respect thereof in accordance with the provisions of the schedules of fees for aerial work operations of the IAA (Fees) Order, (S.I. 805 of 2007) or as amended.
2. Any person authorised by the Authority in that regard shall have access to any premises in the occupation or control of the holder of this Permission for the purposes of examining the premises and to any document, equipment, tool, material or other items of whatsoever nature, relating to the operation of an unmanned aircraft system thereunder, kept or used, or intended to be used, in conjunction with the operation of a remotely piloted aircraft system pursuant to this Permission.
3. Any flights carried out pursuant to this Permission shall be conducted by day only under VFR, with an in a flight visibility of not less than 3 kilometres and with a cloud ceiling of not lower than 1000 feet above the operating area.
4. In order for the system operator to be able to maintain a "see and avoid" capability the RPAS shall be operated with the system operator maintaining direct, unaided visual contact with the RPAS at all times. Operation of the system while the operator's field of view is restricted or impaired by reference to a vision enhancing system such as remote goggles is not permitted.
5. Unless otherwise authorised, permitted or exempted by the Authority, any flight made pursuant to this Permission shall be conducted by day only and in accordance with the following conditions:
 - (a) the aircraft shall not be operated beyond Visual Line of Sight (VLOS) and not further than 500 metres from the point of operation;
 - (b) the aircraft shall not be operated at a height of more than 120 metres (400 feet) above ground level;
 - (c) the aircraft shall not be operated over or within the confines of a congested area;
 - (d) the aircraft shall not be operated within controlled airspace except with the written permission of the Controlling Air Traffic Authority;
 - (e) the aircraft shall not be operated within an aerodrome traffic zone or closer than 8 kilometres (5 nautical miles) from an aerodrome boundary except with the written permission of the Controlling Air Traffic Authority;
 - (f) the aircraft shall not be operated over any assembly of persons on the ground nor closer than 150 metres laterally from such an assembly;
 - (g) the aircraft shall not be operated closer than 2 kilometres from an aircraft in flight;
 - (h) the aircraft shall not be operated unless there is in place a form of third party liability insurance covering the operation of the system which is acceptable to the Authority.

**RPAS Permission to Operate 17 of 2013
(Issue No: 1)**

6. Unless otherwise authorised, permitted or exempted by the Authority only those Systems Operators detailed in Schedule 1 shall operate the system for flights carried out pursuant to this Permission.
7. Notwithstanding any consent given under the terms of this Permission, the system operator shall, where possible, avoid repetitive or prolonged flights of more than five minutes duration over or in the vicinity of sensitive areas.
8. A copy of this Permission shall be available at the site of operation of the system
9. By accepting this RPAS Permission, **Baseline Surveys Ltd.** accepts full financial and legal liability for any loss of life, injuries or damage to persons or animals or damage to property or any other liability resulting either directly or as a consequence of any flight operated pursuant to this Permission.
10. Any flights carried out under the terms of this Permission shall be conducted solely within the territories of the State except with the written consent of the National Aviation Authority of the State within which operations are planned to be carried out.
11. For any flight carried out under the terms of this Permission the system operator shall hold an Operators qualification acceptable to the Authority which shall be issued or endorsed by the manufacturer of the system.
12. This Permission may, at any time, be suspended, varied or revoked by the Irish Aviation Authority.

-END OF SCHEDULE-

- THE IRISH AVIATION AUTHORITY -