

CIVIL AVIATION AUTHORITY

Air Navigation Order 2009



PERMISSION – Small Unmanned Aircraft Under 7kg

1. The Civil Aviation Authority, in exercise of its powers under Article 166(5) and Article 167 (1) of the Air Navigation Order 2009, as amended, hereby permits **Horizon Aerial Photography**, ("the operator") to conduct Aerial Work with the small unmanned aircraft of the following description ("the said aircraft"):

Unmanned Aircraft Name	: Alin Trex 600 ESP	Serial Number	: as notified to the CAA
Wingspan or Rotor diameter	: 1.39 metres	Length	: 1.16 metres
Mass	: 6.50 kg	Engine Capacity	: Xera 4030/3Y
Control Frequency	: 2.4 GHz	Engine Type	: Electric

2. This Permission is granted subject to the following conditions, namely, that the said aircraft shall not be flown:

- (a) other than by operators employed by Horizon Aerial Photography being holder(s) of the Basic National UAS Certificate – Small Unmanned Aircraft (BNUC-S™) or other equivalent competency qualification and specifically Patrick Davies whilst holding the BMFA "A" Certificate;
- (b) at a height exceeding 400 feet above ground level;
- (c) at a distance beyond the visual range of the operator(s) of the said aircraft, or a maximum range of 500 metres;
- (d) over or within 150 metres of an organised open-air assembly of more than 1,000 persons;
- (e) over or within 50 metres of any vessel, vehicle or structure which is not under the control of the person in charge of the said aircraft;
- (f) over or within the following distance of any person:
 - i) 50 metres except that during take-off and landing the said aircraft may be flown within 50 metres but not within 30 metres of any person;
 - ii) paragraph (f)(i) does not apply to the person in charge of the said aircraft or to a person under the control of the person in charge of the said aircraft;
- (g) unless it is equipped with a mechanism that will cause the said aircraft to land in the event of disruption to or a failure of any of its control systems, including the radio link, and the person in charge of the said aircraft has satisfied himself that such mechanism is in working order before the aircraft commences its flight;
- (h) unless the person in charge of the said aircraft has reasonably satisfied himself that any load carried by the aircraft is properly secured, that the said aircraft is in an airworthy condition and that the flight can safely be made taking into account the wind and other significant weather conditions;
- (i) unless the operator maintains records of each flight made pursuant to this Permission and makes such records available to the Authority on request;
- (j) unless the permission of the landowner on whose land the said aircraft is intended to takeoff and land, has been obtained and a site safety assessment has been completed by the operator and these site safety assessments are made available to the Authority on request;
- (k) unless in accordance with procedures submitted to the CAA.

3. This Permission shall have effect during daylight hours from 25 February 2011 until and including **25 February 2012** unless previously varied, suspended or revoked.

for the Civil Aviation Authority

D. COCKBURN

Date: 25 February 2011
Reference: 20110225AlinTrex600ESPPAndEUAV36
Flight Operations Inspectorate (General Aviation)
01293 573526

