

RPAS Operator Certificate (ROC)

(Remotely piloted aircraft system operator certificate)

National approval to operate light remotely piloted aircraft in The Netherlands

ILT
Luchtvaart`
Vergunningen

Datum
30 maart 2016

Nr 09/2016 Civil Aviation Authority – The Netherlands

The remotely piloted aircraft system operator has the professional ability and organization to safely exploit an unmanned RPA and accompanying ground station, the required operating system and other components specified in the technical assessment document of the RPAS.

Operator: NLR, Anthony Fokkerweg 2, 1059 CM Amsterdam,
tel: +31 (0) 885113129, e-mail: joost.vreeken@nlr.nl

Accountable manager: mr. C. Beers **Safety manager:** mr. J. Vreeken

Validity: indefinite

Aerial work: research, training- and test flights

RPA: RPA('s) with a valid registration and with or without a special-certificate of airworthiness.

- rotorcraft (H): $0 < MTOM \leq 25$ kg;
- aeroplanes (A): $0 < MTOM \leq 25$ kg;
- other aircraft (OA): $0 < MTOM \leq 25$ kg;
- rotorcraft (H): $25 \text{ kg} < MTOM \leq 150$ kg;
- aeroplanes (A): $25 \text{ kg} < MTOM \leq 150$ kg;
- other aircraft (OA): $25 \text{ kg} < MTOM \leq 150$ kg.

RPA Pilots: pilots with or without a valid RPA-L who can operate in line with the operation manual.

Validated operation manual: NLR-TR-2013-304, NLR-TR-2013-466

Operational restrictions:

- VLOS visual line of sight (max 500 m from pilot), VFR-daylight only, max 400 ft AGL or higher within area's or airspace under control of the RPAS operator.
- Unpopulated area Aerial work with an RPA not above and with an horizontal distance of at least:
 - 150 meter from
 - an open air assembly of persons,
 - congested areas of cities, towns or settlements,
 - highways (max speed 100, 120, 130 km/h) or
 - roads with a max speed limit of 80 km/h.
 - 50 meter from
 - industrial areas and harbors,
 - trains, cars and vessels.
 - within 50 m from objects (including railways) under control of the RPAS operator (approved in the operational manual of the RPAS operator) unabated to the above mentioned restrictions.
- No civil CTR's
- Military CTR's, test, and training areas in Amsterdam FIR, only with a clearance and in line with MLA approved procedure

- Within 50 meter from obstacles in industrial area.
- Above 400 ft AGL only within 25 meter of the object that is higher than 400 ft AGL or in a (temporary or permanent) restricted area.

This ROC is not based on ICAO SARPS and not based on European Rules due to Annex II of the Basic Regulation.

ILT
Luchtvaart`
Vergunningen

Datum
30 maart 2016

FOR THE MINISTER OF INFRASTRUCTURE AND THE ENVIRONMENT,
THE SENIOR INSPECTOR OF THE CIVIL AVIATION AUTHORITY THE NETHERLANDS



G. Kruiswijk