Remotely Piloted Aircraft System (RPAS) Operator Certificate (ROC)

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

Types of Operation

Commercial operations with RPAS
- Agricultural inspections
- Landscape inspections
- Industrial inspections
- Photography, film and video
- Cartography
- Cinematography

- Research
- Surveillance
- Off shore
- Other: training- and testflight under responsibility of NLR/Netherlands RPAS testcentre

Aircraft category and class

- Aeroplane (A) ≤ 25 kg
- Rotorcraft (H) ≤ 25 kg
- Other aircraft (OA) ≤ 25 kg
- Aeroplane (A) 25 ≤ 150 kg
- Rotorcraft (H) 25 ≤ 150 kg
- Other aircraft (OA) 25 ≤ 150 kg

Civil Aviation Authority The Netherlands

ROC: 09/2016 version 3

Expiry Date: Indefinite

Telephone: 31(0) 885113129
Email: Joost.vreeken@nlr.nl

The remotely piloted aircraft system operator NLR, Anthony Fokkerweg, 1059 CM Amsterdam, 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. See the conditions on page 2 and 3.

Date of issue:
29 November 2017

For the competent authority:
The State Secretary for Infrastructure and the Environment on behalf, Inspector Civil Aviation Authority The Netherlands,

Signature Authority:

A.E. Schurink-v.d. Klugt
# Operations Specification

(SUBJECT TO THE APPROVED CONDITIONS IN THE OPERATIONS MANUAL)

## Civil Aviation Authority The Netherlands

<table>
<thead>
<tr>
<th>Telephone: +31 88 489 0000</th>
<th>Email: <a href="mailto:aviation-approvals@ilent.nl">aviation-approvals@ilent.nl</a></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ROC: 09/2016 version 3</strong></td>
<td><strong>Signature Authority:</strong> A.E. Schurink-v.d. Klugt</td>
</tr>
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<td>Issue Date: 29 November 2017</td>
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</table>

### RPA(s):
- with a valid registration and with a valid special Certificate of Airworthiness in the aircraft category and class as approved in the ROC

### Pilot(s):
- with a valid RPA-L who can operate in line with the operations manual

### Initial ROC:
- Operations manual
- Pilot RPA-L
- RPAS type
- Nationality and registration marking

<table>
<thead>
<tr>
<th>Reference</th>
<th>NLR-TR-2013-304</th>
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<tbody>
<tr>
<td>Pilot RPA-L</td>
<td>C.F. Møller</td>
</tr>
<tr>
<td>RPAS type</td>
<td>Align T-Rex 700E, NLR Airtrainer 140</td>
</tr>
<tr>
<td>Nationality and registration marking</td>
<td>PH-1AC, PH-1AM</td>
</tr>
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</table>

### Area of Operation:
- Amsterdam FIR

### Operational conditions:
- according to the rules and regulations [www.overheid.nl](http://www.overheid.nl):
  - Wet luchtvaart (en het restant van de Luchtvaartwet)
  - Besluit bewijzen van bevoegdheid voor de luchtvaart
  - Besluit luchtvaartuigen 2008
  - Besluit luchtverkeer 2014
  - Besluit burgerluchthavens
  - (Besluit) RTL (Regeling toezicht luchtvaart)
  - Regeling inschrijving burgerluchtvaartuigen
  - Regeling op afstand bestuurde luchtvaartuigen
  - Regeling erkenningen luchtwaardigheid 2008
  - Regeling opleidingsinstellingen voor luchtvarenden 2001
  - Regeling tarieven luchtvaart 2008
  - Regeling veilig gebruik luchthavens en andere terreinen
  - Regeling vluchtuitvoering
  - Regeling luchtverkeersdienstverlening
  - Wetboek van Strafrecht
  - SERA (Standardised European Rules of the Air)
## Operations Specification
(SUBJECT TO THE APPROVED CONDITIONS IN THE OPERATIONS MANUAL)

Civil Aviation Authority The Netherlands

**Telephone:**  +31 88 489 0000  
**Email:** aviation-approvals@ilent.nl

**ROC:** 09/2016 version 3  
**Issue Date:** 29 November 2017

**NLR**  
**Anthony Fokkerweg**  
**1059 CM Amsterdam**

**Signature Authority:**  
A.E. Schurink-v.d. Klugt

### Special Approvals/exemptions

<table>
<thead>
<tr>
<th></th>
<th>Additional information</th>
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<tbody>
<tr>
<td>1</td>
<td>E V L O S</td>
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<tr>
<td>2</td>
<td>Civil CTRs with LVNL ATC service (article 16 Regeling op afstand bestuurde luchtvaartuigen - Roabl) No</td>
</tr>
<tr>
<td>3</td>
<td>Military CTR’s in Amsterdam FIR (article 16 - Roabl) Yes</td>
</tr>
<tr>
<td>4</td>
<td>Niederrhein CTR (article 16 - Roabl) No</td>
</tr>
<tr>
<td>5a</td>
<td>within 25 meters of ship, vehicle (traffic) for H with MTOM ≤ 25 kg, within 50 meters of ship, vehicle (traffic) for A with MTOM ≤ 25 kg Yes</td>
</tr>
<tr>
<td>5b</td>
<td>within 25 meters of object (also in industrial and harbour area) for H with MTOM ≤ 25 kg, within 50 meters of object (also in industrial and harbour area) for A with MTOM ≤ 25 kg Yes</td>
</tr>
<tr>
<td>5c</td>
<td>within 25 meters of roads with a maximum speed &gt; 80 km/hour for H with MTOM ≤ 25 kg, within 50 meters of roads with a maximum speed &gt; 80 km/hour for A with MTOM ≤ 25 kg No</td>
</tr>
<tr>
<td>5d</td>
<td>within 25 meters of railways for H with MTOM ≤ 25 kg, within 50 meters of railways for A with MTOM ≤ 25 kg, Yes</td>
</tr>
<tr>
<td>5e</td>
<td>over roads with a max speed &lt; 80 km/hour. Yes</td>
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<tr>
<td><strong>6.</strong> Above 400 ft AGL only within 25 meter of the object that is higher than 400 ft AGL (article 14 - Roabl)</td>
<td>Yes</td>
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<tr>
<td><strong>7.</strong> Within 25 m horizontal distance of the congested areas of cities, towns or settlements or over an open-air assembly of persons (&gt; 12)</td>
<td>No</td>
</tr>
<tr>
<td><strong>8.</strong> North Sea Area Amsterdam (Off-shore in NSAA) with exemption for flights without radio-contact in the RMZ and without Mode S SSR transponder in the TMZ (art 5.5 Law Aviation)</td>
<td>No</td>
</tr>
</tbody>
</table>
| **9.** Test- and training flights | Yes - Also allowed under control of NLR:  
• RPA without a special certificate of Airworthiness (exemption from article '3.8, eerste lid, onderdeel b, en 3.19a, eerste lid, onderdeel b, van de Wet luchtvaart’), but with a certificate of registration  
• Pilots without a RPA-L,  
• Organisations without a ROC |   |
| **10.** Test-, training and research flights | Yes - Also allowed in restricted area’s (with permission of the administrator of the area) |   |