



# REPUBLIC OF LITHUANIA

Phone: +370 706 94 613

Fax: +370 706 94 614

AFS: EYVNYOYX

URL: <http://www.ans.lt>

Email: [ais@ans.lt](mailto:ais@ans.lt)

SE "ORO NAVIGACIJA"

Aeronautical Information Service

Rodūnios kelias 2, Airport

LT-02188 Vilnius, Lithuania

**AIC: A 019/2017**

**Effective Date: 01-Aug-2017**

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## **A 019. INFORMATION CONCERNING THE ESTABLISHING OF THE CONDITIONS FOR SPECIAL REMOTELY PILOTED AIRCRAFT SYSTEMS (RPAS) OPERATIONS IN CONTROLLED AIRSPACE**

The following conditions for special RPAS operations in controlled airspace have been established by director general of SE "Oro navigacija" order No V-162 dated 8 November, 2017:

### 1. General requirements for special RPAS operations:

1.1. Special RPAS operations in the aerodrome flight control zone (CTR) can be carried out by a single RPAS at a time.

1.2. A RPAS shall be equipped with aeronavigation lights and a radar transponder.

1.3. The communication between the RPAS operator and the air traffic control units of the state enterprise "Oro navigacija" (hereafter – ATC unit) is maintained by telephone. In order to ensure the quality of communication, the RPAS operator shall have at least two telephones (main and alternate). The charge of telephones shall ensure their operation during the entire special RPAS operation. For the ATC unit to be able to contact the RPAS operator at any time, the telephone(s) shall not be used for other communications.

### 2. Planning of special RPAS operations:

2.1. The Air traffic management unit of the SE "Oro navigacija" (hereinafter – ATMU) shall be informed in advance about the special RPAS operations in controlled airspace above the maximum permitted height provided in the RPAS using rules, approved by Civil aviation administration director Order No. 4R-17 of 23 January 2014. The client of the special RPAS operations (hereinafter – the client) shall submit in due form by e. mail or fax (numbers are provided in the notice) a notice (Annex):

2.1.1. on the eve of planned operations until 12:00 local time;

2.1.2. on the eve of rest days and/or holidays until 12:00 local time; one notice can be submitted for the entire period of all rest days and/or holidays;

2.1.3. ATMU does not respond to submitted notices.

2.2. For the group special RPAS operations in one location, the client shall submit one notice.

2.3. ATMU shall analyse received notices and, in the event that they are not filled in correctly or the time for several planned special RPAS operations overlaps, it shall notify the latter client(s) to submit a new notice with a different time slot.

2.4. On the same day until 15:00 local time duly filled in notices shall be transferred by the ATMU to respective ATC unit.

2.5. The information on planned RPAS flights in controlled airspace shall not be communicated/distributed to other users of the airspace.

### 3. Carrying out the special RPAS operations:

3.1. On the day of the special RPAS operation the RPAS operator shall coordinate it with the respective ATC unit. Having regard to the air traffic situation the ATC unit may change the time and height of the special operation indicated in the prior notice or to allocate the location provided to another time slot. The RPAS operator shall follow all instructions of the ATC unit, keep the time slot, locations and heights provided for the operation.

3.2. The RPAS operator shall inform the ATC unit about the start and finish of the special RPAS operation above the maximum permitted height provided in the Rules.

3.3. When contacting the ATC unit the RPAS operators shall inform if:

3.3.1. devices are operated from a stationary position by indicating a precise location;

3.3.2. devices are operated on moving (on foot or from a vehicle) by indicating a precise direction of the movement and/or starting and finishing points of the movement.

3.4. If a special RPAS operation is being carried out in one formation at one location, RPAS operators shall designate one person to communicate with the ATC unit and inform it about the operations of the entire formation. In such case formation is considered as one RPAS carrying out operations within a distance not bigger than 50 metres from the RPAS of the operator who is designated for communication and all requirements are applied to this formation as to a single RPAS.

3.5. Aeronavigation lights and a transponder, the code of which is provided by the ATC unit, of the RPAS shall be turned on during the entire operation. During the formation operation the ATC unit provides one transponder code.

3.6. When instructed so by the ATC unit, the RPAS operator shall maintain control telephonic communication with the ATC unit at least every 10-15 minutes.

3.7. If the RPAS needs to be landed during the special operation, each time the RPAS crosses the maximum permitted height provided in the Annexes of Rules, its operator shall immediately notify the respective ATC unit.

3.8. When instructed by the ATC unit air traffic controller to descend below the maximum permitted height provided in in the Annexes of Rules, the RPAS operator shall do it as fast as possible and immediately notify the respective ATC unit.

3.9. If the RPAS operator loses the control of the RPAS as well as in all other unforeseen events the RPAS operator shall immediately notify the respective ATC unit.

Appendix – Notice of planned special RPAS operations in controlled airspace

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(organization, name, surname, phone number, fax and e. mail of the notifying person)

State enterprise "Oro navigacija"  
 Tel. +370 706 94 582; +370 706 94 583  
 Fax +370 706 94 579  
 E. mail [amc@ans.lt](mailto:amc@ans.lt)

**NOTICE  
 OF PLANNED SPECIAL REMOTELY PILOTED AIRCRAFT SYSTEMS (RPAS)  
 OPERATIONS IN CONTROLLED AIRSPACE**

\_\_\_\_\_ No. \_\_\_\_\_  
 (date)

1. \_\_\_\_\_  
 (location of planned special operations\*)
2. \_\_\_\_\_  
 (height of operations in metres from the ground surface)
3. \_\_\_\_\_  
 (date, start and finish time of planned operations)
4. \_\_\_\_\_  
 (RPAS type and take-off mass)
5. \_\_\_\_\_  
 (name, surname of the RPAS operator, main and alternate phone number(s))

\* location of the planned special operation has to be indicated in WGS84 geographic coordinates system or by the location name (e.g. Jonaičių village, Gedimino avenue, Cathedral square, etc.).

**Note 1:** When planning to carry out special RPAS operations in controlled airspace, a notice must be submitted to the SE "Oro navigacija" by e. mail or fax following these deadlines: on the eve of planned operations until 12:00 local time; on the eve of rest days/holidays until 12:00 local time. One notice may be submitted for the entire period of all rest days/holidays. The SE "Oro navigacija" shall not respond to submitted notices.

**Note 2:** List of phone numbers of ATC units of the SE "Oro navigacija":  
 Vilnius ATC unit – 8 698 50 696, 706 94 602;  
 Kaunas ATC unit – 8 698 50 693, 706 94 367;  
 Palanga ATC unit – 8 698 50 697, 706 94 111;  
 Šiauliai ATC unit – 8 620 67 228, 706 94 710.

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