

Seminarium för verksamhetsområdet bemannade varmluftsballonger

14.20-14.30 Per Englund:

- Lågflygtillstånd
 - Hur ser reglerna ut idag, vad är för låg flygning?
 - Går det att ansöka om ett lågflygtillstånd?



CRITERIA FOR RECENCY FLIGHTS AS PIC

- (a) In order to count as a flight in terms of point BFCL.215(d)(1)(i), the flight should:
 - (1) have a duration of at least 10 minutes;
 - (2) reach the minimum standard flight altitude as per point (f) of point SERA.5005 of the Annex to Regulation (EU) No 923/2012; and
 - (3) be completed by a full stop of the basket on the ground.
- (b) Every flight phase that complies with points (1) to (3) of point (a) during a single balloon operation should be deemed as a separate flight.

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SERA.5005 (f) Visual flight rules Hur ser reglerna ut idag, vad är för låg flygning?

- (f) Except **when necessary for take-off or landing**, or except by **permission** from the competent authority, a VFR **flight shall not be flown**:
- (1) over the **congested areas of cities, towns or settlements** or over an open-air assembly of persons **at a height less than 300 m (1 000 ft) above the highest obstacle within a radius of 600 m** from the aircraft;
 - (2) **elsewhere** than as specified in (1), **at a height less than 150 m (500 ft)** above the ground or water, **or 150 m (500 ft) above the highest obstacle within a radius of 150 m (500 ft)** from the aircraft.

Samverkan pågår, med en målbild att samsyn ska uppnås rörande regler och operativa behov. Operatören ska alltid beskriva, utifrån vedertagen och best praxis hur denne avser operera, m a p enroute och övergång från/till start eller landning

SERA.5005 Visual flight rules

- (a) Except when operating as a special VFR flight, VFR flights shall be conducted so that the aircraft is flown in conditions of visibility and distance from clouds equal to or greater than those specified in [Table S5-1](#).
- (b) Except when a special VFR clearance is obtained from an air traffic control unit, VFR flights shall not take off or land at an aerodrome within a control zone, or enter the aerodrome traffic zone or aerodrome traffic circuit when the reported meteorological conditions at that aerodrome are below the following minima:
- (1) the ceiling is less than 450 m (1 500 ft); or
 - (2) the ground visibility is less than 5 km.
- (c) When so prescribed by the competent authority, VFR flights at night may be permitted under the following conditions:
- (1) if leaving the vicinity of an aerodrome, a flight plan shall be submitted in accordance with [SERA.4001\(b\)\(6\)](#);
 - (2) flights shall establish and maintain two-way radio communication on the appropriate ATS communication channel, when available;
 - (3) the VMC visibility and distance from cloud minima as specified in [Table S5-1](#) shall apply except that:
 - (i) the ceiling shall not be less than 450 m (1 500 ft);
 - (ii) the reduced flight visibility provisions specified in Table S5-1(a) and (b) shall not apply;
 - (iii) in airspace classes B, C, D, E, F and G, at and below 900 m (3 000 ft) AMSL or 300 m (1 000 ft) above terrain, whichever is the higher, the pilot shall maintain continuous sight of the surface; and
 - (iv) [Deleted.]
 - (v) for mountainous area, higher VMC visibility and distance from cloud minima may be prescribed by the competent authority;
 - (4) [Deleted.]
 - (5) except when necessary for take-off or landing, or except when specifically authorised by the competent authority, a VFR flight at night shall be flown at a level which is not below the minimum flight altitude established by the State whose territory is overflown, or, where no such minimum flight altitude has been established:
 - (i) over high terrain or in mountainous areas, at a level which is at least 600 m (2 000 ft) above the highest obstacle located within 8 km of the estimated position of the aircraft;
 - (ii) elsewhere than as specified in i), at a level which is at least 300 m (1 000 ft) above the highest obstacle located within 8 km of the estimated position of the aircraft.
- (d) VFR flights shall not be operated:
- (1) at transonic and supersonic speeds unless authorised by the competent authority;
 - (2) above FL 195. Exceptions to this requirement are the following:
 - (i) an airspace reservation has been established, where practical, by the Member States, in which VFR flights may be allowed; or
 - (ii) airspace up to and including flight level 285, when VFR traffic in that airspace has been authorised by the responsible ATS unit in accordance with the authorisation procedures established by the Member States and published in the relevant aeronautical information publication.
- (e) Authorisation for VFR flights to operate above FL 285 shall not be granted where a vertical separation minimum of 300 m (1 000 ft) is applied above FL 290.
- (f) **Except when necessary for take-off or landing, or except by permission from the competent authority, a VFR flight shall not be flown:**
- (1) **over the congested areas of cities, towns or settlements or over an open-air assembly of persons at a height less than 300 m (1 000 ft) above the highest obstacle within a radius of 600 m from the aircraft;**
 - (2) **elsewhere than as specified in (1), at a height less than 150 m (500 ft) above the ground or water, or 150 m (500 ft) above the highest obstacle within a radius of 150 m (500 ft) from the aircraft.**

AMC1 SERA.5005(f) Visual flight rules

ED Decision 2013/013/R

VFR MINIMUM HEIGHTS — PERMISSION FROM THE COMPETENT AUTHORITY

The competent authority should **specify the conditions** under which the permission is or may be granted, including the minimum heights above the terrain, water or the highest obstacle within a radius of 150 m (500 ft) from an aircraft practising forced landings, a balloon or an aircraft executing ridge or hill soaring. (ås eller hög kulle)

AMC1 SERA.5005(f) Visual flight rules

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GM1 SERA.5005(f) Visual flight rules

ED Decision 2013/013/R

VFR MINIMUM HEIGHTS — PERMISSION FROM THE COMPETENT AUTHORITY

Subject to an appropriate safety assessment, permission from the competent authority may also be granted for cases like:

- (a) aircraft operating in accordance with the procedure promulgated for the notified route being flown;
- (b) helicopters operating at a height that will permit, in the event of an emergency arising, a landing to be made without undue hazard to persons or property on the surface;
- (c) aircraft picking up or dropping tow ropes, banners or similar articles at an aerodrome;
- (d) **any other flights not specified above, where specific exemption is required to accomplish a specific task.**

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Går det att ansöka om ett lågflygtillstånd?

Luftfartsstyrelsens författningssamling

Utgivare: Lena Byström Möller
ISSN 1652-8956



Luftfartsstyrelsens föreskrifter om flygning med bemannad ballong i Bromma kontrollzon;

beslutade den 11 maj 2007.

LFS 2007:8

Serie OPS

Utkom från trycket
den 16 maj 2007

Går det att ansöka om ett lågflygtillstånd?

Luftfartsstyrelsen föreskriver med stöd av 92 och 95 §§ luftfartsförordningen (1986:171) följande.

1 § Dessa bestämmelser skall tillämpas vid flygning med bemannad ballong i **Bromma kontrollzon**.

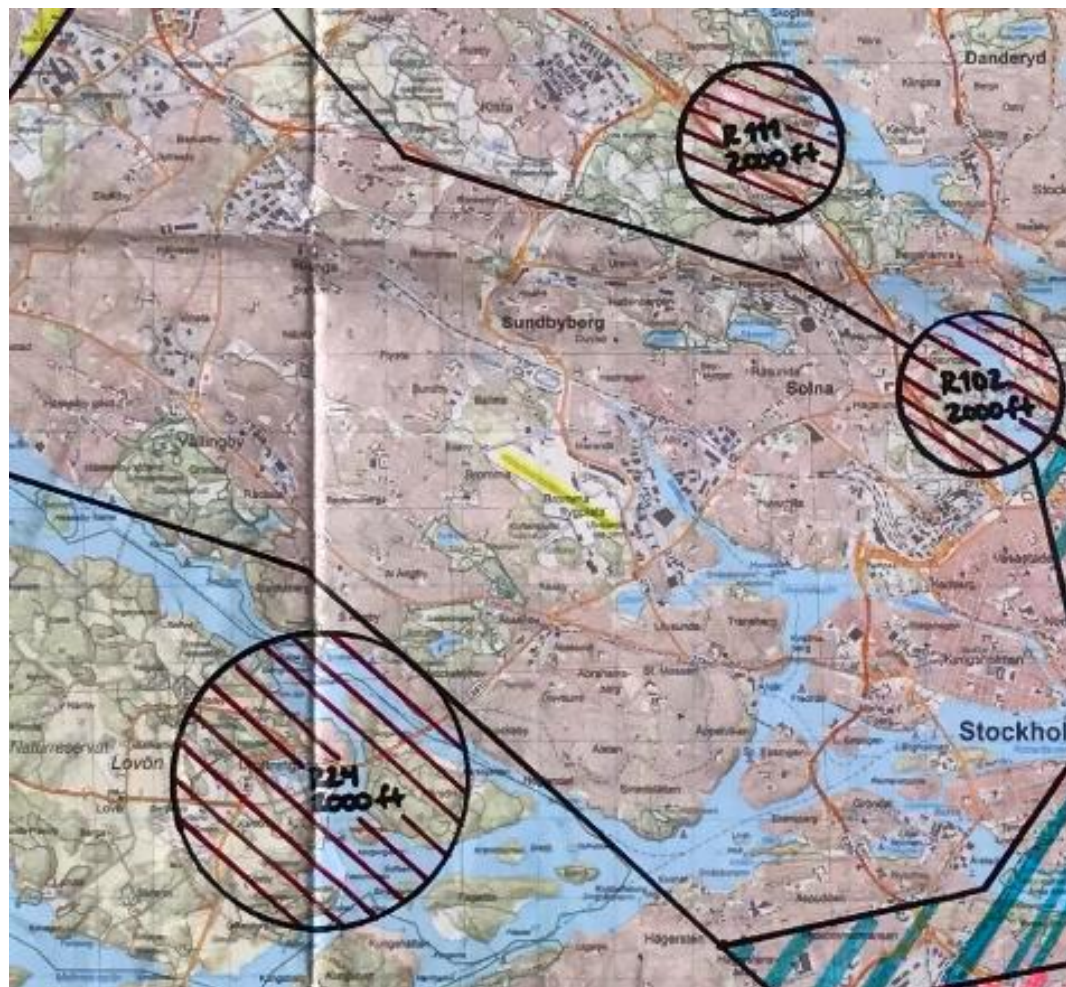
2§ I upprättad kontrollzon och efter klarering får flygning ske med bemannad ballong under förutsättning att flygningen planeras och genomförs på ett sådant sätt att färdvägen inte berör centrumsektorn.

Går det att ansöka om ett lågflygtillstånd?

3 § Med undantag från 2 § och efter klarering får ballongflygföretag flyga inom centrumsektorn

1. söder och öster om en linje som bestäms av punkternaför flygning som planeras och genomförs på en högsta höjd av 700 ft (MSL) (sektor blå),
2. söder och öster om en linje som bestäms av punkterna, för flygning som planeras och genomförs på en högsta höjd av 900 ft (MSL) (sektor röd),
3. söder och öster om en linje som bestäms av punkterna, för flygning som planeras och genomförs på en högsta höjd av 1100 ft (MSL) (sektor vit),
4. norr och väster om en linje som bestäms av punkternaför flygning på en högsta höjd av 900 ft (MSL) (sektor gul).

Inom övriga delar av centrumsektorn får flygning ske när den aktuella trafiksituationen och vindförhållandena medger det.



Går det att ansöka om ett lågflygtillstånd?

4 § Flygning enligt 3 § ovan får endast utföras av de ballongflygföretag som enligt villkoren i sina drifttillstånd har godkänts för flygning inom centrumsektorn.

5 § Under perioden från och med 1 oktober till 1 april får flygning ske med bemannad ballong utan hinder av begränsningarna i 2 §. **Flygning över tätbebyggt område på lägre höjd än 1000 ft (GND) kräver särskilt tillstånd från Luftfartsstyrelsen.**

6 § Luftfartsstyrelsen kan medge undantag från dessa föreskrifter.

Slut på presentationen