



Explanatory notice to Luxembourg airspace users & adjacent ANSP's

Concerns: Major technical change of RADAR equipment (TWR & APP surveillance chain upgrade)

On Saturday 8.6.2019, the complete RADAR software (including RADAR-Tracker & Human Machine Interface) of Luxembourg Approach Control and Aerodrome Tower will be subject to a fundamental upgrade.

Due to the nature of this change, the new system itself, as well as the interactions with other linked functionalities (e.g. Flight Data Processing), a complete simulation/testing in advance of the new configuration is not possible. A smooth, trouble-free transition from the present to the new environment cannot be guaranteed to 100%.

Beside the technical aspects, the Air traffic Controllers will have to familiarize themselves to the new HMI in life traffic conditions although they have all been trained in advance under simulated conditions. Additionally, the APP-Controllers will start to use the new equipment in an alternate OPS room.

Taking into account all these concerns, the safety assessment of the above-mentioned change revealed that Luxembourg airspace will have to be subject to air traffic restrictions during the transition phase to the new equipment.

During the transition phase, the following restrictions will be applied:

1) IFR restrictions

a. Technical transition phase (operation acceptance test phase)

08.06. 17h00 UTC until 10.06. 04h00 UTC

12 movements /hour over whole TMA (*Pre-Tactical ATFM: Inbound/ Outbound and overflights*)

b. Hyper care (Familiarization) phase (until 07.07):

| | | |
|---------|---------------------------------------|-----------------------------------|
| Week1 | (10.06. 04h00 UTC- 16.06. 22h00 UTC): | 10 arrivals ^(*) / hour |
| Week2 | (16.06. 22h00 UTC- 23.06. 22h00 UTC): | 12 arrivals ^(*) / hour |
| Week3&4 | (23.06. 22h00 UTC- 7.07. 22h00 UTC): | 16 arrivals ^(*) / hour |

^(*)No departure/Overflight restrictions & subject to updates

2) VFR restrictions (incl. IFR training & aerial work)

a. Technical transition phase (operation acceptance test phase)

08.06. 17h00 UTC until 10.06. 22h00 UTC^(*)

^(*) will be extended until 16.6 22h00UTC if deemed necessary by ATC

- No VFR & IFR training flights (T/G, DIK Holding)
- No VFR traffic accepted in Luxembourg TMA (up to FL95)
- ELUS sectors north/south maximum altitude 4.500' FT
- No parachute jumping in ELNT
- No VFR TG at ELLX & 4 VFR LOC flights/hour
- No Photo missions or any other aerial work

Remark: All traffic restrictions are subject to regular revisions and will be adapted accordingly!

Please keep in mind, that in case of a major technical failure (which cannot not be completely excluded) further restrictions (up to the *Clear the Sky Procedure* followed by *Business continuity procedure*) might be necessary.

This explanatory notice is issued to allow all airspace users to make their arrangements in advance. The restrictions will be disseminated by NOTAM within the prescribed delays.

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