

Airspace Infringement Questionnaire:

Recently you were involved in an Airspace infringement: the entering of a notified airspace (CTR, TMA, D-, R-, or P-area, TMA, or ATZ) without permission, or prior radio contact. As a result of such incidents, mid-air collisions, or separation violations with other traffic may occur. BCAA, Belgocontrol and the Belgian Air Force, have joined forces, in order to reduce the number of Airspace Infringements. The approach to this problem is one of documenting the incidents, drawing conclusions, implementing improvements and stimulating awareness and training on the matter instead of blaming and punishing.

Without the risk of prosecution, or consequences for the validity of your pilot license, you are kindly asked to testify anonymously, to fill in the following questionnaire, regarding the following incident:

1. Can you describe the event in your own words:

2. What were the waypoints of your flight:

Departure aerodrome:

En route:

Destination aerodrome:

3. What was your function during the flight?

- PIC (handling the airplane)
- Copilot (handling the radio, navigation, etc.)
- Instructor / Examiner
- Not executing any flying tasks
- Other:

4. What kind of license do you hold:

- Training license
- ULM
- PPL
- CPL or higher
- Other:

5. What is your level of flying experience:

Date/year your initial license was issued:

Total flight time (approximately in hours):

Average flight time per year:

Brief chronology of your flight training/flying experiences:

6. What flight preparation did you make for this flight:

- M&B calculation
- Filling out a Nav Log
- Check NOTAM's
- Check Meteo
- Make route descriptions on a chart
- Programmed the flight in a GPS/iPad application
- Other/explanation:

7. Which navigation aid did you use:

- | | | | |
|---|-------|------------------------------|--------------------------|
| <input type="checkbox"/> Low level chart 1/250.000 | Year: | Used as main navigation aid? | <input type="checkbox"/> |
| <input type="checkbox"/> Jeppesen 1/500.000 The Netherlands | Year: | Used as main navigation aid? | <input type="checkbox"/> |
| <input type="checkbox"/> Jeppesen 1/500.000 France | Year: | Used as main navigation aid? | <input type="checkbox"/> |
| <input type="checkbox"/> ADF | | Used as main navigation aid? | <input type="checkbox"/> |
| <input type="checkbox"/> VOR | | Used as main navigation aid? | <input type="checkbox"/> |
| <input type="checkbox"/> VOR/DME | | Used as main navigation aid? | <input type="checkbox"/> |
| <input type="checkbox"/> RMI | | Used as main navigation aid? | <input type="checkbox"/> |
| <input type="checkbox"/> GPS | Type: | Used as main navigation aid? | <input type="checkbox"/> |
| <input type="checkbox"/> PAD application | Type: | Used as main navigation aid? | <input type="checkbox"/> |
| <input type="checkbox"/> Other/explanation: | | | |

8. Do you understand and agree to the nature of the infringement?

- Yes
- No
- I don't understand/agree with the infringement, because:

9. What do you think is the main cause of the infringement?

- Insufficient preparation of the flight
- Insufficiently equipped airplane / old - poorly maintained systems
- Technical failure of the navigation aids used
- Navigation error by pilot / navigator
- Misunderstanding in CRM between the crew (pilot flying – pilot navigating)
- Wrong interpretation of the airspace / map / environment
- Wrong interpretation/ use of navigation instruments
- Wrong interpretation/ use of GPS
- Database errors in the GPS
- Distraction, work load in the cockpit, late observation of the airspace
- Other traffic
- Meteorology (deteriorating weather, reduced visibility, etc.)
- Unfamiliarity with the airspace/area/country
- Unobserved changes in airspace
- Not updated navigation tools (chart/navigation software,...)
- Use of wrong frequencies (COMM/NAV)
- Loss, or reduction of skill, due to low annual flying hours
- Loss, or reduction of skill, due to long period between this flight and the previous
- Loss, or reduction of skill, due to unavailability of recurrent/refresher training

Other/explanation:

10. What measures will you take to avoid future airspace infringements?

11. What suggestions do you have for the authorities (BCAA, Belgocontrol, Belgian Air Force, Eurocontrol) to avoid future airspace infringements?