

BPAS Appendix C - BPAS Update 2020						
Status Report February 2022						
Operational actions					Implementation	
No.	Actions	Owner	Date		Update	Status
OA01: Ground safety – ground handling operations						
OA01.01	Approval of maintenance and renewal programs of centralized infrastructure at Brussels National airport	BCAA/AAS	2021		The BCAA has started with the review of the dedicated maintenance and renewal programs of centralized infrastructure at the Brussels-National airport.	Closed
OA01.02	Perform focused inspections on the conditions for roadworthiness testing of rolling stock at Brussels-National airport	BCAA/AAS BCAA/SAF	2021		The BCAA Airports department and the BCAA Safety Inspectorate regularly perform focused inspections on the conditions for roadworthiness testing of rolling stock at Brussels-National Airport.	Closed
OA01.03	Improve the reporting culture at Brussels-National airport for ground handling organizations	BCAA/AAS BCAA/S-MAS	2021-2022		This action is linked with systemic action SA01.06. In 2019, the BCAA already launched a promotion campaign on the mandatory reporting of occurrences to the BCAA in accordance with Regulation (EU) No 376/2014. The BCAA will launch a second campaign in the course of 2022-2023.	On hold
OA01.04	Conduct continuous oversight of ground handling activities at Brussels-National airport for ground handling organizations with a focus on management system requirements	BCAA/AAS	2021		Ground handling organizations at Brussels-National Airport which have received a BCAA approval are systematically audited by the BCAA. Audit topics are linked to the approval criteria of the Ministerial Decree. The BCAA's risk based auditing methodology also links auditing to the groundhandler's overall risk management framework (Safety Management System + Compliance Management System).	Closed
OA01.05	Improve safety awareness related to ground safety at Brussels Airport	BAC	2020-2024		The Brussels Airport Company (BAC) develops safety promotion material (flyers, animations) on airside safety. The animations are available on youtube. They are specifically related to ground safety, See https://www.youtube.com/playlist?list=PLkFpCH_t7P-QCoG0M-fZamGf0v4qf-Lrm	Ongoing
OA01.06	Start the renewal process of ground handling approvals at Brussels-National airport	BCAA/AAS	2021-2022		The BCAA has already started the renewal process of ground handling approvals at Brussels-National airport.	Ongoing

OA02.1: Runway safety - runway incursions					
OA02.01	Ensure that Local Runway Safety Teams are in place and effective	BCAA/AAS	Continuous	At any Belgian airport, Local Runway Safety Teams have been established, which comprise, amongst others, representatives from aircraft operators, Air Navigation Service Providers, airport operators and the BCAA. The BCAA is an active member of those teams. The SMS audits performed by the BCAA verify their existence and effectiveness.	Closed
OA02.02	Development of safety promotion material on the prevention of runway incursions	BCAA/S-MAS	2021	<p>Phraseology issues have been identified after the analysis of the reported runway incursion occurrences.</p> <p>Runway incursions are among others caused by pilots who had difficulties to understand and comply with the standard phraseology "Hold short on runway". Therefore, the BCAA developed an Aviation Safety Information Leaflet (ASIL) on this issue to remind the definition of the radiotelephony phraseology "Hold short of runway" as "to hold not closer to the runway XX than the runway holding point". ASIL 2021-01 has been communicated to all aviation pilots and Aviation Training Organizations.</p> <p>The leaflet is available on the BCAA's website at the following address: https://mobilit.belgium.be/fr/transport_aerien/programme_belge_de_securite/promotion_de_la_securite https://mobilit.belgium.be/nl/luchtvaart/belgisch_veiligheidsprogramma/veiligheidspromotie</p> <p>See also systemic action SA02.02</p>	Closed
OA02.03	Promote the European Action Plan for the Prevention of Runway Incursions (EAPPRI) to organizations	BCAA	2021	<p>The BCAA organized at 25 November 2021 the first Meeting of the National Runway Safety Forum in accordance with the EAPPRI and GAPPRE recommendations for Regulators. The Belgian airlines, airports, the ANSP skeyes, the Aviation Accident Investigation Unit and the BCAA took part in this meeting. The meeting focused on the application of the GAPPRE recommendations. The participants were requested to perform a gap analysis in relation to the GAPPRE recommendations.</p> <p>The purpose of the first meeting was to promote the EAPPRI and GAPPRE documents and to determine future activities of the safety forum.</p>	Closed
OA02.04	Improve safety awareness related to airside safety at Brussels Airport	BAC	2021-2024	<p>To continuously increase safety awareness, BAC has made animations on airside safety available on youtube. Some videos deal specifically with runway safety, such as "Apron safety good practices: part1" and "No near misses". - https://www.youtube.com/playlist?list=PLkFpCH_t7P-QCoG0M-fZamGf0v4qf-Lrm</p>	Ongoing

OA02.2: Runway safety - runway excursions						
OA02.05	Promote the new European Action Plan for the Prevention of Runway Excursions (EAPPRE) to organizations	BCAA	2021		<p>The BCAA organized at 25 November 2021 the first Meeting of the National Runway Safety Forum in accordance with the EAPPRI and GAPPRE recommendations for Regulators. The Belgian airlines, airports, the ANSP skeyes, the Aviation Accident Investigation Unit and the BCAA took part in this meeting. The meeting focused on the application of the GAPPRE recommendations. The participants were requested to perform a gap analysis in relation to the GAPPRE recommendations.</p> <p>The purpose of the first meeting was to promote the EAPPRI and GAPPRE documents and to determine future activities of the safety forum.</p>	Closed
OA02.06	Develop safety promotion material on the Global Reporting Format (GRF) by the ANSP 'skeyes' and the BCAA	BCAA/AAS skeyes	2021		<p>The BCAA and skeyes have developed the ASIL 2021-03 "Global Reporting Format (GRF) for runway surface conditions".</p> <p>The ASIL has been communicated to all Belgian pilots, Aviation Training Organizations and airports.</p> <p>The leaflet has also been published on the BCAA's website in July 2021: https://mobilit.belgium.be/fr/transport_aerien/programme_belge_de_securite/promotion_de_la_securite https://mobilit.belgium.be/nl/luchtvaart/belgisch_veiligheidsprogramma/veiligheidspromotie</p>	Closed
OA.03.1: Airborne conflict (mid-air collisions) - Airspace infringements						
OA03.01	Raise awareness among pilots with regard to the prevention of airspace infringements in Belgian airspace	BCAA/S-MAS	2021		<p>The BCAA sends for each reported airspace infringement a standard questionnaire to the pilot to get more insight in the causes and nature of airspace infringements. In 2020, the BCAA performed an in-depth statistical analysis of the airspace infringement problem in Belgium. The results of this analysis were published in the ASIL 2020-01.</p> <p>The leaflet has been distributed to all Belgian aviation pilots and approved training organisations. The leaflet shall be revised in 2022.</p> <p>During the RNO phase (first quarter of 2021), a significant increase of airspace infringement incidents has been noticed within the Belgian airspace.</p> <p>In order to help reduce the risk of airspace infringements and mid-air collisions, the BCAA developed ASIL 2021-02 on the prevention of airspace infringements to provide all pilots with a few tips that could be useful before, during and after every flight.</p> <p>See BCAA's website: https://mobilit.belgium.be/fr/transport_aerien/programme_belge_de_securite/promotion_de_la_securite https://mobilit.belgium.be/nl/luchtvaart/belgisch_veiligheidsprogramma/veiligheidspromotie</p>	Closed

OA.03.2: Airborne conflict (mid-air collisions) - Loss of separation					
OA03.02	Develop an "airspace charter" related to the civil/ military cooperation in ATM	skeyes EUROCONTROL/MUAC Defence / BCAA	2021-2022	<p>In the summer of 2019, the "Belgian Airspace Vision 2030" has been signed by the Minister of Defence and the Minister of Mobility & Transport. The charter has been developed by skeyes, Defence, EUROCONTROL, MUAC and the BCAA. It is a shared vision to serve as a high-level reference document for the planning and implementation of specific projects/actions/activities to improve the structure of, the management of, and the service provision in, Belgian airspace.</p> <p>The objective is to enhance the cooperation with BCAA partners in the implementation of the Single European Sky, the Benelux airspace and the integration of civil and military aviation needs.</p>	Ongoing
OA03.03	Deconfliction between IFR versus VFR flights	BCAA/AAS	2021	<p>The BCAA has developed ASIL 2020-02 "IFR/VFR Operations in Class G Airspace (Surrounding EBKT). The leaflet has been published on the BCAA's website in December 2020: https://mobilit.belgium.be/fr/transport_aerien/programme_belge_de_securite/promotion_de_la_securite https://mobilit.belgium.be/nl/luchtvaart/belgisch_veiligheidsprogramma/veiligheidspromotie</p> <p>The leaflet has been communicated to all Belgian pilots and Aviation Training Organization.</p> <p>A EBKT Project Team composed by representatives from Defence, BCAA and skeyes has been established in order to further analyse the best option to optimize the airspace structure around EBKT.</p>	Closed

OA.04: Deviation from intended flight path					
OA04.01	Raise awareness among pilots with regard to the prevention of aircraft upset in flight	BCAA/S-MAS	2021	<p>The BCAA contributes to the EASA campaign on staying in control by systematically informing Belgian aviation pilots on the availability of new safety promotion materials on the EASA website.</p> <p>The BCAA gave a presentation related to "Aircraft Upset" during the yearly "Dag van de Pilot 2021". The presentation on the importance of flight presentation was given by a BCAA expert to raise awareness among pilots with regard to the prevention of aircraft upset in flight. The presentation dealt with topics such as aircraft performance, flight preparation and management, aircraft upset and recovery, and startle and surprise management.</p> <p>The VVMV webinar can be viewed via the following link: https://www.youtube.com/watch?v=TJKiWIOTPsQ</p> <p>The BCAA has also developed ASIL 2021-04 to draw the attention of the pilots to the loss of control due to wake turbulences induced by the A400M military aircraft. The ASIL has been published on the BCAA's website in December 2021: https://mobilit.belgium.be/fr/transport_aerien/programme_belge_de_securite/promotion_de_la_securite https://mobilit.belgium.be/nl/luchtvaart/belgisch_veiligheidsprogramma/veiligheidspromotie</p> <p>The leaflet has been communicated to all Belgian pilots and Aviation Training Organization.</p>	Closed
OA04.02	Promote the European Action Plan for the Prevention of Runway Excursions (EAPPRE) to organizations	BCAA	2021	<p>The BCAA organized at 25 November 2021 the first Meeting of the National Runway Safety Forum in accordance with the EAPPRI and GAPPRE recommendations for Regulators. The Belgian airlines, airports, the ANSP skeyes, the Aviation Accident Investigation Unit and the BCAA took part in this meeting. The meeting focused on the application of the GAPPRE recommendations. The Belgian operators were requested to perform a gap analysis in relation to the GAPPRE recommendations.</p> <p>The purpose of the first meeting was to promote the EAPPRI and GAPPRE documents and to determine future activities of the safety forum.</p>	Closed

OA.05: Aircraft environment – smoke/fumes & dangerous goods					
OA05.01	Approval of the transport of dangerous goods activities for ground handling companies	BCAA/OPS	2021-2022	<p>The BCAA shall review the Royal Decree of 18 November 2005 on the transport of dangerous goods. Ground handling companies shall need a BCAA's approval in the near future for their dangerous goods activities. The approval certificate shall be issued after performing an audit at the ground handling companies.</p> <p>The BCAA has already developed the audit checklists and the first draft revision of the Royal Decree on the transport of dangerous goods.</p>	Ongoing
OA05.02	Systematic auditing of operators' outstations in the field of the transport of dangerous goods	BCAA/OPS	2021-2022	<p>The BCAA shall develop an audit programme for the systematic oversight of airlines' outstations in the field of the transport of dangerous goods. BCAA shall then start with the systematic auditing of these operators' stations.</p> <p>The BCAA has already informed the Belgian airlines on the systematic oversight of their outstations in the field of the transport of dangerous goods. The audit checklists have already been developed.</p>	Ongoing
OA05.03	Contribute to the development of safety promotion material covering transportation of lithium batteries on board an aircraft	BCAA/OPS BCAA/S-MAS	2021	<p>The BCAA, in cooperation with EASA, has launched a campaign related to general aviation on the transport of dangerous goods on board an aircraft. The brochure contains general information about dangerous goods and describes the specific risks they present both to the aircraft and to people on board. It also gives more information on which dangerous goods may or may not be carried on board the aircraft during operations. The result of this campaign was communicated to all Belgian pilots and published on the BCAA website: https://mobilit.belgium.be/nl/luchtvaart/belgisch_veiligheidsprogramma/gevaarlijke_goederen https://mobilit.belgium.be/fr/transport_aerien/programme_belge_de_securite/marchandises_dangereuses</p> <p>The BCAA is also exploring the opportunity to collaborate with the FAA on exchanging developed safety promotion material related to the transport of dangerous goods. The BCAA could customize the safety promotion material to the national needs and use it in different safety promotion activities.</p>	Ongoing
OA05.04	Approval of training activities on the transport of dangerous goods	BCAA/OPS	2021-2022	<p>The BCAA shall review the Royal Decree of 18 November 2005 on the transport of dangerous goods. Training companies shall need a BCAA's approval in the near future for their dangerous goods activities. The approval certificate shall be issued after performing an audit at the training companies.</p> <p>The BCAA has already developed the audit checklists.</p>	Ongoing

OA.06: Wildlife strikes					
OA06.01	Periodic exchange of experiences on specific technical issues in the field of wildlife management through the Belgian Aviation Wildlife Hazard Committee (BAWiHaC)	BCAA/AAS BCAA/S-MAS	2021	<p>The Belgian airport authorities needed a discussion forum to exchange ideas about specific technical issues in the field of wildlife management. The BCAA therefore established the Belgian Aviation Wildlife Hazard Committee (BAWiHaC) to exchange information and expertise on the subject of wildlife strikes. The BAWiHaC members are the airport authorities of the certified aerodromes, the Aviation Safety Department of the Ministry of Defence (ASD) and the BCAA. The BAWiHaC members invite from time to time other aviation community players in order to widen their scope of experience. The BAWiHaC meets at least once a year.</p> <p>The first BAWiHaC meeting has been organised on the 20th of April 2021. On the agenda:</p> <ul style="list-style-type: none"> - Wildlife related statistics until 2020 related to wildlife occurrences, - EASA SIB 2020-07 on Return to Normal Operations (RNO), - BCAA Reporting quality for wildlife strikes, - Wildlife hazard management system of BAC, <p>The second BAWiHaC meeting was organised on the 27th of September 2021. On the agenda:</p> <ul style="list-style-type: none"> - Training for organisations (advanced or basic), - Selection of types of grass (ASD and BAC), - BCAA reporting quality for wildlife strikes, - BCAA wildlife related statistics - Discussion on local observations during the summer of 2021 and actions taken. 	Closed
OA06.02	Consult stakeholders on the reporting of data related to wildlife strikes	BCAA/AAS BCAA/S-MAS	2021	<p>The BCAA gave 3 presentations related to the reporting of wildlife data in ECCAIRS to improve the analysis of wildlife strikes. On the 20th of April 2021 a presentation was given to the "Bird Control Units" of the Belgian airports. On the 27th of May 2021, a similar presentation has been given to the safety managers of the airports. A follow-up presentation has also been given to the safety managers of the Belgian airports at the 27th of September 2021.</p> <p>The BCAA subsequently noted an improvement in data quality and a better use of the terminology in the ECCAIRS database.</p>	Closed

OA.07: Unmanned Aircraft Systems - drones						
OA07.01	Communicate about the implementation of the new EU rules and promote safe operations of drones to the public and the UAS business	BCAA/RPAS	2021-2022		<p>The main communication channel on the new EU rules is the BCAA website:</p> <ul style="list-style-type: none"> - New regulation explained pages - FAQ <p>Moreover other channels are used:</p> <ul style="list-style-type: none"> - Facebook BCAA account - Special newsletter through emails - Video of regulation explanation for DroneDays and available on Youtube <p>Several means are currently used for promoting safety:</p> <ul style="list-style-type: none"> - Do's and dont's on the website - FAQ on the website - Start2Drones on the website - Start2Drones on Facebook - Start2Drones flyers - Newsletter is used too <p>https://mobilit.belgium.be/nl/luchtvaart/drones https://mobilit.belgium.be/fr/transport_aerien/drones</p>	Closed
OA07.02	Further improve the collaboration between all stakeholders for handling infringements with UAS	BCAA/RPAS	2021-2022		<p>Within BCAA:</p> <ul style="list-style-type: none"> - Cooperation with the BCAA Safety Inspectorate on how to deal with UAS <p>Within the different administration</p> <ul style="list-style-type: none"> - Cooperation with the Federal Police on how to deal with UAS - Development of a training for the Federal Police on how to deal with UAS <p>On infringements:</p> <ul style="list-style-type: none"> - Only identified infringements are notified to BCAA but in most of the case, there is a lack of information. 	Ongoing
OA07.03	Implement the EU common rules on drones	BCAA/RPAS	2021		<p>The implementation is finished. Initial training on regulation was done and expertise development is continuing. Procedures are in place and are currently being formalized. Due to an heavy workload only the oversight requirements are not developed as required.</p>	Ongoing
OA.08: Disruptive passengers						
OA08.01	Further improve the collaboration between all stakeholders for handling infringements with disruptive passengers	BCAA	2021-2022		<p>The BCAA continues to cooperate with the Department of Justice about the handling of infringements with disruptive passengers. The BCAA has provided input on a draft manual on disruptive passengers from the public prosecutor's office in Halle-Vilvoorde. Within the framework of this pilot project, consultation between the Public Prosecutor's Office and the BCAA will take place.</p>	Ongoing

OA.09: Helicopters					
OA09.01	Participate in helicopter safety events and workshops with helicopter industry representatives and license holders every two years	BCAA	2021-2022	<p>The BCAA organizes periodic workshops with helicopter instructors. The last workshop with Belgian instructors FI(H) and IRI(H) took place at 23 and 24 January 2020.</p> <p>Due to the Covid-19 pandemics, the BCAA has to reschedule the new workshop with the helicopter instructors later in 2022 as measures allow.</p>	On hold
OA.10: General Aviation					
Following systemic and operational BPAS actions are also applicable or partly applicable to the general aviation sector: SA01.03, SA01.06, SA02.01, SA02.02, SA02.05, SA02.06, OA02.02, OA03.01, OA04.01, OA05.03, OA09.01				Consult the individual updates of the systemic and operational BPAS actions.	Not applicable
OA.11: Miscellaneous					
OA11.01	Setting up a dialogue with the Belgian aircraft operators on FDM programs	BCAA/OPS	2021	<p>The BCAA promotes the operational safety benefits of FDM and fosters an open dialogue on FDM programmes that takes place in the framework of just culture. BCAA has set up a FDM Forum with the Belgian operators. BCAA is an active member of the FDM Forum. General information on the EOFDM activities has been published at the BCAA website: https://mobilit.belgium.be/nl/resource/fdm https://mobilit.belgium.be/fr/resource/fdm</p> <p>Due to the Covid-19 pandemics, the organisation of an information event to present EOFDM good-practice documents to the CAT operators has been postponed until 2022.</p>	Ongoing
OA11.02	Oversight capabilities /focus area: flight time specification schemes	BCAA/OPS	2021	<p>The BCAA Procedures Manual about the certification and oversight tasks for CAT operators already contains a procedure related to “flight time specification schemes, flight time limitations (FTL) and fatigue risk management (FRM)”.</p> <p>The BCAA FTL/FRM experts receive specific training on FTL and on FRMS in accordance with the European regulation (see AMC5 ARO.GEN.200(a)(5)).</p>	Closed