**Summary of changes to the IS-BAO 20th Edition**

**Chapter 3 SMS**

|  |  |
| --- | --- |
| **Items** | **Changes** |
| 3.1.1.S1K | Note added – *Please provide safety objective examples* |
| 3.1.2.S1F | EI requirement removed |
| 3.1.2.S2c, 3.2.1.S2e/S3b, 3.3.3.S3a, 3.4.1.S3a | ‘Documented’ evidence no longer required |
| 3.2.1.S2a, 3.2.1.S2d, 3.2.1.S3c, 3.3.1.S2e, 3.3.2.S1c | Updated wording of questions |
| 3.2.1.Sf | Replaced and has a new corresponding S2 question; 3.2.1.S2b |
| 3.2.2.1 | ‘Hazards’ replaced ‘records’ aligning with ICAO Annex 19 |
| 3.3.1.S3c, 3.3.2.S1d, 3.3.2.S3a, 3.4.1.S3b | Removed |
| 3.3.2.S3a | New question re management of change |
| 3.5.3 | Notes referring to IG/Constituted guidance removed; IS-BAO Guidance document available  |

**Chapter 4 ERP**

|  |  |
| --- | --- |
| **Items** | **Changes** |
| 4.1.4 | Notes referring to IG/Constituted guidance removed; IS-BAO Guidance document available  |
| 4.1.4k | Updated wording – “external entities”(definition added to Appendix A) |
| 4.2.2 (H) | New question re an updated on-board emergency and survival equipment list readily available for rescue coordination centre.  |

**Chapter 7 – Organization and Personnel Requirements**

|  |  |
| --- | --- |
| **Items** | **Changes** |
| 7.1.1 | Updated wording – “external entities”(definition added to Appendix A) |
| 7.2.1 | Notes referring to IG/Constituted guidance removed; IS-BAO Guidance document available  |
| 7.4.1 | Notes referring to IG/Constituted guidance removed; IS-BAO Guidance document available  |
| 7.5.2 | Updated wording - “Psychoactive” added for clarification re types of substances |
| 7.6.1 | Elevated recommended practice to a standard given the risk involved with use of mobile phones/PEDs |
| 7.8.1 | Updated wording – “external entities”(definition added to Appendix A) |

**Chapter 8 – Training**

|  |  |
| --- | --- |
| **Items** | **Changes** |
| 8.1.3.1.c.i | Updated wording - “processes, procedures” for alignment with P (policies) PP; cornerstone of IS-BAO and operators must provide training to flightcrew in said areas  |
| 8.1.3.1.c.ii | Updated wording - “and where applicable NEF and CDL” (definitions available in Appendix A) |
| 8.1.3.1.c.ix (H) | New question – training for VFR helicopter low visibility or assisted (NVG) operations and avoiding inadvertent IMC |
| 8.1.4.2.a.i | Updated wording - “other crew members” replaced by “the crew members and any others performing any duties on board” for clarification  |
| 8.1.5.1 | Updated wording – “ground” and “during flight and/or” to address ground support staff |
| 8.2 | 8.2.1 and 8.2.2 consolidated into a single standard effectively elevating the practice of providing HF/CRM training to personnelUpdated wording - “HF and, where appliable, CRM”, recognizes fact CRM is subset of HF |
| 8.4.3 | Notes referring to IG/Constituted guidance removed; IS-BAO Guidance document available  |

**Chapter 9 – OHS**

|  |  |
| --- | --- |
| **Items** | **Changes** |
| 9.1.3 | Previous item 15.2.3.3 moved to Chapter 9 to consolidate all items related to personnel working alone |

**Chapter 11 – Fatigue**

|  |  |
| --- | --- |
| **Items** | **Changes** |
| 11.1.1 | Items 11.1.1.a/b consolidated |
| 11.2.1 | Items 11.2.1.a/b consolidatedUpdated wording – “external entities” (definition added to Appendix A) |

**Chapter 12 – Fatigue**

|  |  |
| --- | --- |
| **Items** | **Changes** |
| 12.1.2 and 12.1.3  | Notes referring to IG/Constituted guidance removed; IS-BAO Guidance document available  |
| 12.2.1 | Previous item 12.2.1e moved to its own standard - clarifies that item requires a broader policy related to maximum extent and frequency of deviations; applicable to ***all*** deviationsUpdated wording – “frequency” for clarity |
| 12.2.2 | Items 12.2.1.a thru d consolidated into single questionUpdated wording – “external entities” (definition added to Appendix A) |

**Chapter 13 – Flight Operations**

|  |  |
| --- | --- |
| **Items** | **Changes** |
| 13.1.2  | Updated wording – “external entities” (definition added to Appendix A) |
| 13.2.1.4, 13.2.5.6(A), 13.2.12.1, 13.5.1, 13.9.1 | Notes referring to IG/Constituted guidance removed; IS-BAO Guidance document available  |
| 13.2.2.2 | Updated wording – “night” removed for VFR operations; applicable to *all* VFR operations |
| 13.2.4.1 | Items 13.2.4.1 and 13.2.4.1.a consolidated into single question |
| 13.2.4.2 | 13.2.4.1.b separated into its own item“Isolated Aerodrome” definition added to Appendix A |
| 13.2.6.3(H) |  |
| 13.2.6.4(H) and 13.2.6.5(H) | New item - based on the existing items applicable to airplanes to address the risk involved with fuel management in helicopter operations |
| 13.2.12.1 | Updated wording - applicable to both international and *domestic* operations  |
| 13.3.1.2 | Updated wording - Subparagraph (c) reworded to better suit business aviation operations, especially those involving smaller aircraft  |
| 13.6.5.1(H) | New standard - added to address support from organization’s management re landing the aircraft whenever safety of flight is in question for any reason  |
| 13.7.1(A), 13.7.2(A) | Only applicable to fixed wing operations |
| 13.7.3 | New standard – to address IFR flight plans transitioning to visual flight references and the associated risks |
| 13.7.4 | New standard - Applicable for both fixed and rotary-wing aircraft highlighting the importance of controlled final segments of the approach and landing phase in low altitudes  |
| 13.9.1 | Definition for “Maintenance Check Flight” added to Appendix A to provide clarification  |

**Chapter 14 – Aircraft Equipment**

|  |  |
| --- | --- |
| **Items** | **Changes** |
| 14.4.1 | Updated wording – “include in the operations manual” replaced with “provided”, as MEL does not necessarily need to be included in the operator’s operations manual, in many cases being a stand alone document |

**Chapter 15 – Maintenance**

|  |  |
| --- | --- |
| **Items** | **Changes** |
| 15.1.8.1 | 15.1.8.1a/b consolidated into a single questionThe standard was modified for clarity and subparagraphs (d) and (e) added to address situations involving temporary or permanent transfer of aircraft to another operators and the use of electronic maintenance records |
| 15.3.1.1 | Updated wording – “external entities” (definition added to Appendix A) |