

## 2025 output of the EU RAMP Inspection Programme

### GENERAL DATA:

This part contains overall (general) data, whereas the Annexes contain the data per type of operation as per the table below.

| Type of operations |                                                                              | # Insp.   |              |
|--------------------|------------------------------------------------------------------------------|-----------|--------------|
| Code               | Description                                                                  |           |              |
| A1                 | International Commercial Air Transport - Aeroplanes (Annex 6 Part I)         | SAFA      | 5333 49.92%  |
| A2                 | International Operation of General Aviation (Annex 6 Part II)                |           | 300 2.81%    |
| A3                 | International Operation of Helicopters (Annex 6 Part III)                    |           | 12 0.11%     |
| CAT                | Commercial Air Transport operations                                          | SACA      | 4909 45.95%  |
| NCC                | Non-Commercial air operations with Complex motor-powered aircraft            |           | 94 0.88%     |
| NCO                | Non-Commercial air operations with Other than complex motor-powered aircraft |           | 33 0.31%     |
| NO                 | National Operation                                                           | SAFA/SACA | 2 0.02%      |
| Total inspections  |                                                                              |           | <b>10683</b> |

|                                    |              |
|------------------------------------|--------------|
| Total number of inspections (I)    | <b>10683</b> |
| Findings (F)                       | 9844         |
| Cat 1 findings                     | 4754         |
| Cat 2 findings                     | 3048         |
| Cat 3 findings                     | 2042         |
| Total inspected items (II)         | 474209       |
| Average inspected items            | 44.39        |
| Findings per inspection (F/I)      | 0.92         |
| Findings per inspected item (F/II) | 0.02         |
| Inspecting states                  | 48           |
| Aerodromes of inspection           | 346          |
| Inspected tail numbers             | 6804         |
| Inspected operators                | 1229         |
| State of Operator                  | 143          |
| Aircraft types                     | 212          |

**ALL FINDINGS RAISED, ALL TYPES OF OPERATION (TOP 5 IN RED)**

|            |                                                               | Cat 1      | Cat 2      | Cat 3      | Total       |
|------------|---------------------------------------------------------------|------------|------------|------------|-------------|
| A01        | General Condition                                             | 302        | 23         | 134        | 459         |
| A02        | Emergency Exit                                                |            |            | 2          | 2           |
| A03        | Equipment                                                     | 110        | 72         | 1          | 183         |
| A04        | Manuals                                                       | 15         | 178        | 31         | 224         |
| A05        | Checklists                                                    | 17         | 120        | 6          | 143         |
| A06        | Navigation / instrument charts                                | 1          | 17         | 44         | 62          |
| A07        | Minimum Equipment List                                        | 2          | 86         | 11         | 99          |
| A08        | Certificate of registration                                   | 3          | 1          |            | 4           |
| A09        | Noise certificate (where applicable)                          | 9          | 1          |            | 10          |
| A10        | AOC or equivalent                                             | 27         | 18         | 4          | 49          |
| A11        | Radio license                                                 | 8          | 1          |            | 9           |
| A12        | Certificate of Airworthiness                                  | 26         | 1          | 1          | 28          |
| A13        | Flight Preparation                                            | 14         | 154        | 115        | 283         |
| A14        | Mass and balance calculation                                  | 6          | 80         | 22         | 108         |
| A15        | Hand fire extinguishers                                       | 3          | 11         | 12         | 26          |
| A16        | Life jackets / flotation device                               | 4          | 4          | 8          | 16          |
| A17        | Harness                                                       | 58         | 2          | 5          | 65          |
| A18        | Oxygen equipment                                              |            | 2          | 17         | 19          |
| A19        | Independent portable light                                    | 3          |            | 8          | 11          |
| A20        | Flight crew licence / composition                             | 84         | 74         | 10         | 168         |
| A21        | Journey log book or equivalent                                | 4          | 18         |            | 22          |
| A22        | Maintenance release                                           | 2          | 1          | 4          | 7           |
| <b>A23</b> | <b>Defect notification and rectification (incl. Tech log)</b> | <b>41</b>  | <b>990</b> | <b>187</b> | <b>1218</b> |
| A24        | Pre-flight inspection                                         | 2          | 49         | 1          | 52          |
| <b>B01</b> | <b>General Internal Condition</b>                             | <b>282</b> | <b>229</b> | <b>459</b> | <b>970</b>  |
| B02        | Cabin crew station and crew rest area                         | 110        | 12         | 27         | 149         |
| B03        | First Aid Kit / Emergency Medical Kit                         | 92         | 7          | 3          | 102         |
| B04        | Hand fire extinguishers                                       | 4          | 30         | 35         | 69          |
| B05        | Life jackets / Flotation devices                              | 5          | 15         | 2          | 22          |
| B06        | Seat belt and seat condition                                  | 136        | 12         | 117        | 265         |
| B07        | Emergency exit, lighting, and Independent portable light      | 199        | 36         | 82         | 317         |
| B08        | Slides/Life-Rafts (as required), ELT                          | 11         | 7          | 2          | 20          |
| B09        | Oxygen Supply (Cabin Crew and Passengers)                     | 7          | 27         | 60         | 94          |
| B10        | Safety Instructions                                           | 28         | 83         | 46         | 157         |
| B11        | Cabin crew members                                            |            | 8          |            | 8           |
| B12        | Access to emergency exits                                     | 14         | 54         | 134        | 202         |
| B13        | Stowage of passenger baggage                                  |            |            | 17         | 17          |

|              |                                               | Cat 1       | Cat 2       | Cat 3       | Total        |
|--------------|-----------------------------------------------|-------------|-------------|-------------|--------------|
| <b>C01</b>   | <b>General External Condition</b>             | <b>1485</b> | <b>145</b>  | <b>19</b>   | <b>1649</b>  |
| <b>C02</b>   | <b>Doors and Hatches</b>                      | <b>408</b>  | <b>261</b>  | <b>37</b>   | <b>706</b>   |
| C03          | Flight Controls                               | 46          | 7           | 2           | 55           |
| C04          | Wheels, tyres and brakes                      | 25          | 7           | 30          | 62           |
| C05          | Undercarriage, skids/floats                   | 231         | 64          | 6           | 301          |
| C06          | Wheel well                                    | 32          | 19          | 2           | 53           |
| C07          | Powerplant and Pylon                          | 323         | 80          | 27          | 430          |
| C08          | Fan blades, Propellers, Rotors (main/tail)    | 10          | 2           | 1           | 13           |
| C09          | Obvious repairs                               | 1           | 119         | 4           | 124          |
| C10          | Obvious unrepaired damage                     | 2           | 2           | 4           | 8            |
| C11          | Leakage                                       | 6           | 3           | 9           | 18           |
| <b>D01</b>   | <b>General Condition of Cargo Compartment</b> | <b>364</b>  | <b>46</b>   | <b>122</b>  | <b>532</b>   |
| D02          | Dangerous Goods                               | 4           | 10          | 24          | 38           |
| D03          | Secure stowage of cargo on board              | 204         | 25          | 201         | 430          |
| E01          | General                                       | 5           | 7           | 9           | 21           |
| <b>Total</b> |                                               | <b>4775</b> | <b>3220</b> | <b>2104</b> | <b>10099</b> |

### TOP 5 OVERALL FINDINGS

1. C01 – General External Condition
2. A23 – Defect notification and rectification (incl. Tech log)
3. B01 – General Internal Condition
4. C02 – Doors and hatches
5. D01 – General Condition of Cargo Compartment

The top 5 accounts for 46.25% of all findings raised.

### TOP 5 CATEGORY 2 AND CATEGORY 3 FINDINGS

The top 5 inspection items resulting in Cat 2 and Cat 3 findings in the tables below are based on the pre-described findings (PDFs) used to report the findings.

Of the 9803 Cat 2 and Cat 3 findings raised, 8494 (87%) made use of a PDF, whereas 1309 (13%) were user described findings (UDFs). For time saving reasons, the below tables will only specify the PDFs, as the analysis of UDFs requires reading and analysing every individual UDF.



| Cat 2      | Finding Description                                                                                                                         | # used     |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>A23</b> | <b>Defect notification and rectification (incl. Tech log)</b>                                                                               | <b>990</b> |
|            | No evidence of identification nor monitoring of significant defect                                                                          | 604        |
|            | Known defect not reported/assessed                                                                                                          | 221        |
|            | Maintenance action not properly recorded                                                                                                    | 120        |
|            | User Defined Findings (UDFs)                                                                                                                | 37         |
|            | Incorrect rectification interval applied (but still within the prescribed MEL interval)                                                     | 5          |
|            | Deferred defect closed after the deadline and aircraft in operation during that period                                                      | 2          |
|            | Technical logbook not updated on the EFB                                                                                                    | 1          |
| <b>C02</b> | <b>Doors and Hatches</b>                                                                                                                    | <b>261</b> |
|            | Door operation instructions missing or unreadable                                                                                           | 112        |
|            | Door handle(s), lever(s), access panel(s) not flush                                                                                         | 96         |
|            | Bonding wires broken or missing with significant influence on flight safety                                                                 | 31         |
|            | User Defined Findings (UDFs)                                                                                                                | 20         |
|            | Loose and/or missing fastener on secondary structure with significant influence on safety                                                   | 2          |
| <b>B01</b> | <b>General Internal Condition</b>                                                                                                           | <b>229</b> |
|            | Galley or trolley (when used) waste receptacle access door cover inoperative                                                                | 108        |
|            | Equipment installations obviously not in compliance with applicable requirements                                                            | 53         |
|            | Markings and/or placards missing, unreadable, and/or providing misleading information with significant effect on flight safety              | 42         |
|            | User Defined Findings (UDFs)                                                                                                                | 26         |
| <b>A04</b> | <b>Manuals</b>                                                                                                                              | <b>178</b> |
|            | Operations manual/flight manual not up to date                                                                                              | 87         |
|            | Incomplete parts of the operations manual/flight manual pertaining to flight operations on board                                            | 41         |
|            | Flight crew not familiar with approved company procedures and manuals                                                                       | 30         |
|            | User Defined Findings (UDFs)                                                                                                                | 11         |
|            | No procedures ensuring that in-flight fuel checks/fuel management checks are performed                                                      | 5          |
|            | Operations manual not issued by the current operator                                                                                        | 2          |
|            | Operations manual published in a language not understood by a member of the flight crew                                                     | 2          |
| <b>A13</b> | <b>Flight Preparation</b>                                                                                                                   | <b>154</b> |
|            | Fuel consumption monitoring not recorded or not performed in accordance with the approved procedures                                        | 54         |
|            | Incorrect Operational Flight Plan                                                                                                           | 35         |
|            | ATS flight plan incorrect                                                                                                                   | 20         |
|            | Fuel/energy calculation not in accordance with applicable requirements, but total fuel on board at or above applicable minimum requirements | 18         |
|            | User Defined Findings (UDFs)                                                                                                                | 16         |
|            | Fuel calculation not in accordance with applicable requirements, but total fuel on board at or above applicable minimum requirements        | 6          |
|            | Required alternate aerodrome(s) considered in OFP but not specified in the ATS flight plan                                                  | 3          |
|            | Content and use of the Operational Flight plan not in accordance with the operations manual                                                 | 2          |

| Cat 3      | Finding Description                                                                                                                                    | # used     |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>B01</b> | <b>General Internal Condition</b>                                                                                                                      | <b>459</b> |
|            | Cabin equipment not properly secured                                                                                                                   | 161        |
|            | Unserviceable brakes of service cart(s)                                                                                                                | 103        |
|            | Loose or heavy objects in the cabin/galleys                                                                                                            | 68         |
|            | Covers damaged/missing exposing sharp edges and/or cables and wires                                                                                    | 63         |
|            | User Defined Findings (UDFs)                                                                                                                           | 18         |
|            | Stowage of luggage or loose articles in the toilets                                                                                                    | 17         |
|            | Crew carry-on baggage not adequately and securely stowed during flight                                                                                 | 14         |
|            | Lavatory waste receptacle access door cover inoperative                                                                                                | 8          |
|            | Lavatory inoperative (not placarded as such and not confirmed with MEL restrictions if any)                                                            | 4          |
|            | Cargo not adequately and securely stowed during flight                                                                                                 | 2          |
|            | Smoke detection system not installed or inoperative (outside dispatch limits/conditions) and lavatory not placarded in compliance with MEL             | 1          |
| <b>D03</b> | <b>Secure stowage of cargo on board</b>                                                                                                                | <b>201</b> |
|            | Cargo not correctly secured and restrained in all directions (several net, straps, stanchions, lock assemblies missing or inappropriately installed)   | 123        |
|            | Load distribution/load limit (floor and/or height) exceeded                                                                                            | 36         |
|            | Major damage to lashing, tie-down equipment, pallets, lock assemblies and/or containers affecting the structural integrity and their intended function | 28         |
|            | Dividing net or protection net damaged outside dispatch limits/conditions                                                                              | 11         |
|            | Cargo compartment not used in accordance with classification                                                                                           | 2          |
|            | User Defined Finding (UDF)                                                                                                                             | 1          |
| <b>A23</b> | <b>Defect notification and rectification (incl. Tech log)</b>                                                                                          | <b>187</b> |
|            | Required maintenance action not performed or not in accordance with applicable (MEL/AMM/SRM) instructions                                              | 146        |
|            | Defect deferred but without applying (correctly) the required (M), (O) and/or other procedures prescribed by the MEL.                                  | 30         |
|            | Deferred defect open while the MEL rectification interval has expired                                                                                  | 6          |
|            | Maintenance action entered in ATLB or equivalent document, although not performed                                                                      | 2          |
|            | Maintenance action not performed by appropriately qualified personnel                                                                                  | 1          |
|            | Maintenance personnel working on the aircraft without using appropriate tooling                                                                        | 1          |
|            | Technical logbook entry not understood by the flight crew members                                                                                      | 1          |
| <b>A01</b> | <b>General Condition</b>                                                                                                                               | <b>134</b> |
|            | Interior equipment and/or other object(s) not correctly secured or stowed during flight                                                                | 114        |
|            | Equipment installations obviously not in compliance with applicable requirements                                                                       | 11         |
|            | Lights U/S in warning panel (outside dispatch limits/conditions)                                                                                       | 3          |
|            | User Defined Findings (UDFs)                                                                                                                           | 3          |
|            | Damage and/or delamination to flight deck windows (outside dispatch limits/conditions)                                                                 | 2          |
|            | Windshield wipers/cleaning/drying system not installed or inoperative (outside dispatch limits/conditions)                                             | 1          |
| <b>B12</b> | <b>Access to emergency exits</b>                                                                                                                       | <b>134</b> |
|            | Access to emergency exits impeded by seats (oversized seat cushions)                                                                                   | 33         |
|            | Floor/carpet in poor condition affecting the rapid evacuation                                                                                          | 27         |
|            | Access to emergency exits impeded by baggage or cargo                                                                                                  | 20         |
|            | User Defined Findings (UDFs)                                                                                                                           | 15         |
|            | Access to emergency exits impeded by seats (total rows)                                                                                                | 14         |
|            | Cabin crew seat does not retract automatically impeding the access to emergency exit                                                                   | 14         |
|            | Not-recessed tray table latch can be opened in the direction of evacuation (no one-way lock)                                                           | 9          |
|            | Tray table locks fail to maintain the tables in upright position in case of deceleration, shocks (for seats adjacent to emergency exits)               | 1          |
|            | Not-recessed tray table latch can be opened in the direction of evacuation (for retrofitted aircraft)                                                  | 1          |

### Comparison of CAT operations (i.e. SAFA vs SACA inspections)

Below is a comparison between the SAFA CAT and SACA CAT results, showing similarities in CAT operations performed by EU/EFTA air carriers and non-EU/EFTA air carriers.

Top 5 inspection items generating the most (Cat 1/2/3) findings on CAT operations combined (i.e. both SAFA and SACA) pertain to the same inspection items, as depicted below.

|     |                                                       | Total | SAFA CAT (A) | SACA CATI |
|-----|-------------------------------------------------------|-------|--------------|-----------|
| C01 | General External Condition                            | 1616  | 841          | 775       |
| A23 | Defect notification and rectification (incl Tech Log) | 1198  | 651          | 547       |
| B01 | General Internal Condition                            | 942   | 558          | 384       |
| C02 | Doors and hatches                                     | 702   | 361          | 341       |
| D01 | General Condition of Cargo Compartment                | 529   | 303          | 226       |

The top 10 PDFs used for those findings are:

| PDF                                                                                                       | # used |
|-----------------------------------------------------------------------------------------------------------|--------|
| Loose and/or missing fastener on secondary structure with minor influence on safety                       | 698    |
| Markings and/or placards missing or unreadable                                                            | 605    |
| No evidence of identification nor monitoring of significant defect                                        | 595    |
| Minor defects with limited effect on safety                                                               | 312    |
| Cargo door open/locked indicator light unserviceable                                                      | 239    |
| Known defect not reported/assessed                                                                        | 219    |
| Cabin equipment not properly secured                                                                      | 153    |
| Required maintenance action not performed or not in accordance with applicable (MEL/AMM/SRM) instructions | 144    |
| Bonding wires broken or missing with minor influence on flight safety                                     | 138    |
| Maintenance action not properly recorded                                                                  | 118    |

## Annex 1 – SAFA CAT Aeroplanes

### A1 operations – SAFA International Commercial Air Transport - Aeroplanes (Annex 6 Part I)

The number of findings for each specific inspection item is also expressed as a percentage of the total number of findings raised.

In the first table of the introduction, it can be seen that inspections on A1 operations account for  $\pm 50\%$  of the overall number of inspections. The percentage will then give an idea of a proportionate amount of findings of that category in the inspection item (i.e. A01 Cat 1 findings: 164 findings; this is 54% of all the Cat 1 findings on A01 raised in 2025, therefore A1 operations account for a slightly higher number of Cat 1 findings in A01 than would be expected with an even distribution of the findings over all types of operation).

|            |                                                               | Cat 1     |            | Cat 2      |            | Cat 3     |            |
|------------|---------------------------------------------------------------|-----------|------------|------------|------------|-----------|------------|
| A01        | General Condition                                             | 164       | 54%        | 12         | 52%        | 71        | 53%        |
| A02        | Emergency Exit                                                |           |            |            |            | 1         | 50%        |
| A03        | Equipment                                                     | 52        | 47%        | 31         | 43%        |           |            |
| A04        | Manuals                                                       | 6         | 40%        | 70         | 39%        | 24        | 77%        |
| A05        | Checklists                                                    | 9         | 53%        | 47         | 39%        | 1         | 17%        |
| A06        | Navigation / instrument charts                                |           |            | 10         | 59%        | 12        | 27%        |
| A07        | Minimum Equipment List                                        | 1         | 50%        | 45         | 52%        | 5         | 45%        |
| A08        | Certificate of registration                                   | 1         | 33%        |            |            |           |            |
| A09        | Noise certificate (where applicable)                          | 6         | 67%        | 1          | 100%       |           |            |
| A10        | AOC or equivalent                                             | 8         | 30%        | 11         | 61%        | 3         | 75%        |
| A11        | Radio license                                                 | 4         | 50%        |            |            |           |            |
| A12        | Certificate of Airworthiness                                  | 6         | 23%        | 1          | 100%       |           |            |
| A13        | Flight Preparation                                            | 4         | 29%        | 60         | 39%        | 57        | 50%        |
| A14        | Mass and balance calculation                                  | 4         | 67%        | 22         | 28%        | 3         | 14%        |
| A15        | Hand fire extinguishers                                       | 2         | 67%        | 7          | 64%        | 6         | 50%        |
| A16        | Life jackets / flotation device                               |           |            | 1          | 25%        | 4         | 50%        |
| A17        | Harness                                                       | 23        | 40%        | 2          | 100%       | 4         | 80%        |
| A18        | Oxygen equipment                                              |           |            | 1          | 50%        | 9         | 53%        |
| A19        | Independent portable light                                    | 1         | 33%        |            |            | 3         | 38%        |
| A20        | Flight crew licence / composition                             | 57        | 68%        | 52         | 70%        | 2         | 20%        |
| A21        | Journey log book or equivalent                                | 1         | 25%        | 2          | 11%        |           |            |
| A22        | Maintenance release                                           | 1         | 50%        |            |            |           |            |
| <b>A23</b> | <b>Defect notification and rectification (incl. Tech log)</b> | <b>21</b> | <b>51%</b> | <b>538</b> | <b>54%</b> | <b>92</b> | <b>49%</b> |
| A24        | Pre-flight inspection                                         |           |            | 27         | 55%        |           |            |

|              |                                                          | Cat 1       |            | Cat 2       |            | Cat 3       |            |
|--------------|----------------------------------------------------------|-------------|------------|-------------|------------|-------------|------------|
| <b>B01</b>   | <b>General Internal Condition</b>                        | <b>145</b>  | <b>51%</b> | <b>125</b>  | <b>55%</b> | <b>288</b>  | <b>63%</b> |
| B02          | Cabin crew station and crew rest area                    | 55          | 50%        | 6           | 50%        | 20          | 74%        |
| B03          | First Aid Kit / Emergency Medical Kit                    | 29          | 32%        | 3           | 43%        | 1           | 33%        |
| B04          | Hand fire extinguishers                                  | 2           | 50%        | 14          | 47%        | 24          | 69%        |
| B05          | Life jackets / Flotation devices                         |             |            | 9           | 60%        | 2           | 100%       |
| B06          | Seat belt and seat condition                             | 77          | 57%        | 8           | 67%        | 59          | 50%        |
| B07          | Emergency exit, lighting, and Independent portable light | 101         | 51%        | 16          | 44%        | 52          | 63%        |
| B08          | Slides/Life-Rafts (as required), ELT                     | 9           | 82%        | 5           | 71%        | 1           | 50%        |
| B09          | Oxygen Supply (Cabin Crew and Passengers)                | 5           | 71%        | 10          | 37%        | 36          | 60%        |
| B10          | Safety Instructions                                      | 11          | 39%        | 35          | 42%        | 29          | 63%        |
| B11          | Cabin crew members                                       |             |            | 1           | 13%        |             |            |
| B12          | Access to emergency exits                                | 7           | 50%        | 30          | 56%        | 74          | 55%        |
| B13          | Stowage of passenger baggage                             |             |            |             |            | 9           | 53%        |
| <b>C01</b>   | <b>General External Condition</b>                        | <b>756</b>  | <b>51%</b> | <b>75</b>   | <b>52%</b> | <b>10</b>   | <b>53%</b> |
| <b>C02</b>   | <b>Doors and Hatches</b>                                 | <b>198</b>  | <b>49%</b> | <b>147</b>  | <b>56%</b> | <b>16</b>   | <b>43%</b> |
| C03          | Flight Controls                                          | 11          | 24%        | 2           | 29%        | 1           | 50%        |
| C04          | Wheels, tyres and brakes                                 | 8           | 32%        | 1           | 14%        | 16          | 53%        |
| C05          | Undercarriage, skids/floats                              | 101         | 44%        | 32          | 50%        | 2           | 33%        |
| C06          | Wheel well                                               | 13          | 41%        | 14          | 74%        | 1           | 50%        |
| C07          | Powerplant and Pylon                                     | 147         | 46%        | 40          | 50%        | 11          | 41%        |
| C08          | Fan blades, Propellers, Rotors (main/tail)               | 3           | 30%        | 1           | 50%        |             |            |
| C09          | Obvious repairs                                          |             |            | 59          | 50%        | 1           | 25%        |
| C10          | Obvious unrepaired damage                                | 2           | 100%       |             |            | 1           | 25%        |
| C11          | Leakage                                                  | 3           | 50%        | 1           | 33%        | 6           | 67%        |
| <b>D01</b>   | <b>General Condition of Cargo Compartment</b>            | <b>209</b>  | <b>57%</b> | <b>26</b>   | <b>57%</b> | <b>68</b>   | <b>56%</b> |
| D02          | Dangerous Goods                                          | 2           | 50%        | 8           | 80%        | 10          | 42%        |
| D03          | Secure stowage of cargo on board                         | 127         | 62%        | 15          | 60%        | 114         | 57%        |
| E01          | General                                                  | 2           | 40%        | 6           | 86%        | 3           | 33%        |
| <b>Total</b> |                                                          | <b>2394</b> | <b>50%</b> | <b>1629</b> | <b>51%</b> | <b>1152</b> | <b>55%</b> |

The following inspections items will be further explored in detail, in respect of the top 5 inspection items resulting in Cat 2 and Cat 3 findings respectively, using the pre-described findings.

| Cat 2      | Finding Description                                                                                                            | # used     |
|------------|--------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>A23</b> | <b>Defect notification and rectification (incl. Tech log)</b>                                                                  | <b>538</b> |
|            | No evidence of identification nor monitoring of significant defect                                                             | 323        |
|            | Known defect not reported/assessed                                                                                             | 127        |
|            | Maintenance action not properly recorded                                                                                       | 64         |
|            | User Defined Findings (UDFs)                                                                                                   | 19         |
|            | Incorrect rectification interval applied (but still within the prescribed MEL interval)                                        | 3          |
|            | Deferred defect closed after the deadline and aircraft in operation during that period                                         | 2          |
| <b>C02</b> | <b>Doors and Hatches</b>                                                                                                       | <b>147</b> |
|            | Door operation instructions missing or unreadable                                                                              | 69         |
|            | Door handle(s), lever(s), access panel(s) not flush                                                                            | 55         |
|            | Bonding wires broken or missing with significant influence on flight safety                                                    | 15         |
|            | User Defined Findings (UDFs)                                                                                                   | 8          |
| <b>B01</b> | <b>General Internal Condition</b>                                                                                              | <b>125</b> |
|            | Galley or trolley (when used) waste receptacle access door cover inoperative                                                   | 60         |
|            | Equipment installations obviously not in compliance with applicable requirements                                               | 30         |
|            | Markings and/or placards missing, unreadable, and/or providing misleading information with significant effect on flight safety | 19         |
|            | User Defined Findings (UDFs)                                                                                                   | 16         |
| <b>C01</b> | <b>General External Condition</b>                                                                                              | <b>75</b>  |
|            | Loose and/or missing fastener on secondary structure with significant influence on safety                                      | 42         |
|            | Markings and/or placards providing misleading information                                                                      | 13         |
|            | User Defined Findings (UDFs)                                                                                                   | 11         |
|            | Bonding wires broken or missing with significant influence on flight safety                                                    | 6          |
|            | Break-in point markings (if applied) faded or incorrectly marked                                                               | 2          |
|            | Poor condition of de-icing system                                                                                              | 1          |
| <b>A04</b> | <b>Manuals</b>                                                                                                                 | <b>70</b>  |
|            | Operations manual/flight manual not up to date                                                                                 | 41         |
|            | Flight crew not familiar with approved company procedures and manuals                                                          | 14         |
|            | Incomplete parts of the operations manual/flight manual pertaining to flight operations on board                               | 8          |
|            | User Defined Findings (UDFs)                                                                                                   | 4          |
|            | No procedures ensuring that in-flight fuel checks/fuel management checks are performed                                         | 2          |
|            | Operations manual not issued by the current operator                                                                           | 1          |

| Cat 3      | Finding Description                                                                                                                                    | # used     |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>B01</b> | <b>General Internal Condition</b>                                                                                                                      | <b>288</b> |
|            | Cabin equipment not properly secured                                                                                                                   | 102        |
|            | Unserviceable brakes of service cart(s)                                                                                                                | 62         |
|            | Covers damaged/missing exposing sharp edges and/or cables and wires                                                                                    | 47         |
|            | Loose or heavy objects in the cabin/galleys                                                                                                            | 38         |
|            | Stowage of luggage or loose articles in the toilets                                                                                                    | 13         |
|            | Crew carry-on baggage not adequately and securely stowed during flight                                                                                 | 12         |
|            | User Defined Findings (UDFs)                                                                                                                           | 7          |
|            | Lavatory waste receptacle access door cover inoperative                                                                                                | 6          |
|            | Lavatory inoperative (not placarded as such and not confirmed with MEL restrictions if any)                                                            | 1          |
| <b>D03</b> | <b>Secure stowage of cargo on board</b>                                                                                                                | <b>114</b> |
|            | Cargo not correctly secured and restrained in all directions (several net, straps, stanchions, lock assemblies missing or inappropriately installed)   | 69         |
|            | Load distribution/load limit (floor and/or height) exceeded                                                                                            | 16         |
|            | Major damage to lashing, tie-down equipment, pallets, lock assemblies and/or containers affecting the structural integrity and their intended function | 16         |
|            | Dividing net or protection net damaged outside dispatch limits/conditions                                                                              | 11         |
|            | Cargo compartment not used in accordance with classification                                                                                           | 2          |
| <b>A23</b> | <b>Defect notification and rectification (incl. Tech log)</b>                                                                                          | <b>92</b>  |
|            | Required maintenance action not performed or not in accordance with applicable (MEL/AMM/SRM) instructions                                              | 68         |
|            | Defect deferred but without applying (correctly) the required (M), (O) and/or other procedures prescribed by the MEL.                                  | 17         |
|            | Deferred defect open while the MEL rectification interval has expired                                                                                  | 5          |
|            | Maintenance action not performed by appropriately qualified personnel                                                                                  | 1          |
|            | Maintenance personnel working on the aircraft without using appropriate tooling                                                                        | 1          |
| <b>B12</b> | <b>Access to emergency exits</b>                                                                                                                       | <b>74</b>  |
|            | Floor/carpet in poor condition affecting the rapid evacuation                                                                                          | 19         |
|            | Access to emergency exits impeded by seats (oversized seat cushions)                                                                                   | 16         |
|            | Access to emergency exits impeded by seats (total rows)                                                                                                | 10         |
|            | User Defined Findings (UDFs)                                                                                                                           | 10         |
|            | Cabin crew seat does not retract automatically impeding the access to emergency exit                                                                   | 8          |
|            | Access to emergency exits impeded by baggage or cargo                                                                                                  | 7          |
|            | Not-recessed tray table latch can be opened in the direction of evacuation (no one-way lock)                                                           | 4          |
| <b>A01</b> | <b>General Condition</b>                                                                                                                               | <b>71</b>  |
|            | Interior equipment and/or other object(s) not correctly secured or stowed during flight                                                                | 61         |
|            | Equipment installations obviously not in compliance with applicable requirements                                                                       | 5          |
|            | Damage and/or delamination to flight deck windows (outside dispatch limits/conditions)                                                                 | 2          |
|            | Lights U/S in warning panel (outside dispatch limits/conditions)                                                                                       | 2          |
|            | User Defined Finding (UDF)                                                                                                                             | 1          |

## Top 5:

1. C01 – General External Condition
2. B01 – General Internal Cabin Condition
3. A23 – Defect notification and rectification (incl Tech Log)
4. C02 – Doors and hatches
5. D01 – General Condition of Cargo Compartment



## Annex 2 – SAFA GA Aeroplanes

### **A2 operations – SAFA International Operation of General Aviation - Aeroplanes (Annex 6 Part II)**

The number of findings for each specific inspection item is also expressed as a percentage of the total number of findings raised.

In the first table of the introduction, it can be seen that inspections on A2 operations account for  $\pm 3\%$  of the overall number of inspections. The percentage will then give an idea of a proportionate amount of findings of that category in the inspection item (i.e. A01 Cat 1 findings: 5 findings; this is 2% of all the Cat 1 findings on A01 raised in 2025, therefore A2 operations account for a slightly lower number of Cat 1 findings in A01 than would be expected with an even distribution of the findings over all types of operation).

|            |                                                        | Cat 1    |            | Cat 2     |            | Cat 3     |           |
|------------|--------------------------------------------------------|----------|------------|-----------|------------|-----------|-----------|
| A01        | General Condition                                      | 5        | 2%         |           |            | 1         | 1%        |
| A02        | Emergency Exit                                         |          |            |           |            |           |           |
| A03        | Equipment                                              | 2        | 2%         | 2         | 3%         |           |           |
| <b>A04</b> | <b>Manuals</b>                                         | <b>1</b> | <b>7%</b>  | <b>16</b> | <b>9%</b>  | <b>1</b>  | <b>3%</b> |
| A05        | Checklists                                             |          |            | 11        | 9%         | 1         | 17%       |
| A06        | Navigation / instrument charts                         | 1        | 100%       | 4         | 24%        | 5         | 11%       |
| <b>A07</b> | <b>Minimum Equipment List</b>                          |          |            | <b>13</b> | <b>15%</b> | <b>1</b>  | <b>9%</b> |
| A08        | Certificate of registration                            |          |            |           |            |           |           |
| A09        | Noise certificate (where applicable)                   | 1        | 11%        |           |            |           |           |
| A10        | AOC or equivalent                                      | 1        | 4%         | 1         | 6%         |           |           |
| A11        | Radio license                                          | 1        | 13%        | 1         | 100%       |           |           |
| A12        | Certificate of Airworthiness                           |          |            |           |            | 1         | 100%      |
| <b>A13</b> | <b>Flight Preparation</b>                              | <b>2</b> | <b>14%</b> | <b>13</b> | <b>8%</b>  | <b>10</b> | <b>9%</b> |
| A14        | Mass and balance calculation                           |          |            | 10        | 13%        | 4         | 18%       |
| A15        | Hand fire extinguishers                                |          |            | 1         | 9%         |           | 0%        |
| A16        | Life jackets / flotation device                        |          |            |           |            | 1         | 13%       |
| A17        | Harness                                                |          |            |           |            |           |           |
| A19        | Independent portable light                             |          |            |           |            |           |           |
| A20        | Flight crew licence / composition                      | 2        | 2%         | 3         | 4%         | 5         | 50%       |
| A21        | Journey log book or equivalent                         | 1        | 25%        | 9         | 50%        |           |           |
| A23        | Defect notification and rectification (incl. Tech log) |          |            | 13        | 1%         | 3         | 2%        |
| A24        | Pre-flight inspection                                  | 1        | 50%        | 1         | 2%         |           |           |

|              |                                                          | Cat 1     |           | Cat 2      |           | Cat 3     |           |
|--------------|----------------------------------------------------------|-----------|-----------|------------|-----------|-----------|-----------|
| <b>B01</b>   | <b>General Internal Condition</b>                        | <b>3</b>  | <b>1%</b> | <b>3</b>   | <b>1%</b> | <b>17</b> | <b>4%</b> |
| B02          | Cabin crew station and crew rest area                    |           |           |            |           |           |           |
| B03          | First Aid Kit / Emergency Medical Kit                    | 11        | 12%       | 1          | 14%       |           |           |
| B04          | Hand fire extinguishers                                  |           |           | 2          | 7%        | 2         | 6%        |
| B05          | Life jackets / Flotation devices                         | 1         | 20%       | 1          | 7%        |           |           |
| B06          | Seat belt and seat condition                             |           |           |            |           | 1         | 1%        |
| B07          | Emergency exit, lighting, and Independent portable light | 5         | 3%        | 3          | 8%        | 6         | 7%        |
| B09          | Oxygen Supply (Cabin Crew and Passengers)                |           |           | 1          | 4%        |           |           |
| B10          | Safety Instructions                                      | 1         | 4%        | 6          | 7%        |           |           |
| B11          | Cabin crew members                                       |           |           |            |           |           |           |
| B12          | Access to emergency exits                                |           |           |            |           | 3         | 2%        |
| B13          | Stowage of passenger baggage                             |           |           |            |           |           |           |
| <b>C01</b>   | <b>General External Condition</b>                        | <b>30</b> | <b>2%</b> | <b>1</b>   | <b>1%</b> | <b>1</b>  | <b>5%</b> |
| C02          | Doors and Hatches                                        | 2         | 0%        | 2          | 1%        |           |           |
| C03          | Flight Controls                                          | 3         | 7%        |            |           |           |           |
| C04          | Wheels, tyres and brakes                                 | 2         | 8%        |            |           |           |           |
| C05          | Undercarriage, skids/floats                              | 4         | 2%        |            |           |           |           |
| C06          | Wheel well                                               | 2         | 6%        |            |           |           |           |
| C07          | Powerplant and Pylon                                     | 2         | 1%        |            |           |           |           |
| C09          | Obvious repairs                                          |           |           | 4          | 3%        |           |           |
| C10          | Obvious unrepaired damage                                |           |           |            |           |           |           |
| C11          | Leakage                                                  | 1         | 17%       |            |           |           |           |
| D01          | General Condition of Cargo Compartment                   | 1         | 0%        | 1          | 2%        | 1         | 1%        |
| D02          | Dangerous Goods                                          |           |           |            |           |           |           |
| D03          | Secure stowage of cargo on board                         |           |           |            |           | 2         | 1%        |
| E01          | General                                                  |           |           |            |           | 1         | 11%       |
| <b>Total</b> |                                                          | <b>86</b> | <b>2%</b> | <b>123</b> | <b>4%</b> | <b>67</b> | <b>3%</b> |

The following inspections items will be further explored in detail, in respect of the top 5 inspection items resulting in Cat 2 and Cat 3 findings respectively, using the pre-described findings.

| Cat 2      |                                                                                                                                      |           |
|------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------|
| <b>A04</b> | <b>Manuals</b>                                                                                                                       | <b>16</b> |
|            | Incomplete parts of the operations manual/flight manual pertaining to flight operations on board                                     | 6         |
|            | Operations manual/flight manual not up to date                                                                                       | 6         |
|            | No procedures ensuring that in-flight fuel checks/fuel management checks are performed                                               | 3         |
|            | Flight crew not familiar with approved company procedures and manuals                                                                | 1         |
| <b>A07</b> | <b>Minimum Equipment List</b>                                                                                                        | <b>13</b> |
|            | M MEL instead of MEL                                                                                                                 | 6         |
|            | Some MEL items not fully customised (but no defects affecting those items)                                                           | 5         |
|            | MEL less restrictive than the MMEL (without deferred defects affected by the lower restrictions)                                     | 2         |
| <b>A13</b> | <b>Flight Preparation</b>                                                                                                            | <b>13</b> |
|            | Fuel consumption monitoring not recorded or not performed in accordance with the approved procedures                                 | 5         |
|            | ATS flight plan incorrect                                                                                                            | 3         |
|            | Fuel calculation not in accordance with applicable requirements, but total fuel on board at or above applicable minimum requirements | 2         |
|            | Required alternate aerodrome(s) considered in OFP but not specified in the ATS flight plan                                           | 2         |
|            | Incorrect Operational Flight Plan                                                                                                    | 1         |
| <b>A23</b> | <b>Defect notification and rectification (incl. Tech log)</b>                                                                        | <b>13</b> |
|            | No evidence of identification nor monitoring of significant defect                                                                   | 8         |
|            | Technical logbook not updated on the EFB                                                                                             | 1         |
|            | Incorrect rectification interval applied (but still within the prescribed MEL interval)                                              | 1         |
|            | Known defect not reported/assessed                                                                                                   | 1         |
|            | Maintenance action not properly recorded                                                                                             | 1         |
|            | User Defined Findings (UDF)                                                                                                          | 1         |
| <b>A05</b> | <b>Checklists</b>                                                                                                                    | <b>11</b> |
|            | User Defined Findings (UDFs)                                                                                                         | 6         |
|            | Checklists do not conform with the checklist details in the operations manual and/or flight manual                                   | 3         |
|            | Checklists not up to date with the latest manufacturer documentation                                                                 | 2         |

| Cat 3      |                                                                                                                                    |           |
|------------|------------------------------------------------------------------------------------------------------------------------------------|-----------|
| <b>B01</b> | <b>General Internal Condition</b>                                                                                                  | <b>17</b> |
|            | Loose or heavy objects in the cabin/galleys                                                                                        | 10        |
|            | Cabin equipment not properly secured                                                                                               | 7         |
| <b>A13</b> | <b>Flight Preparation</b>                                                                                                          | <b>10</b> |
|            | Less than required or unsuitable alternate(s) aerodromes selected                                                                  | 6         |
|            | Flight crew unaware of the applicable departure, destination, or alternate aerodromes NOTAMS                                       | 3         |
|            | Performance and/or fuel calculation not available or significantly incorrect for the flight                                        | 1         |
| <b>B07</b> | <b>Emergency exit, lighting, and Independent portable light</b>                                                                    | <b>6</b>  |
|            | Emergency exit(s), lighting and marking unserviceable (outside dispatch limits/conditions)                                         | 4         |
|            | Cabin emergency exit light(s) out of order including the associated external emergency lights (outside dispatch limits/conditions) | 1         |
|            | System for visually indicating the escape path(s) unserviceable (outside dispatch limits/conditions)                               | 1         |
| <b>A06</b> | <b>Navigation / instrument charts</b>                                                                                              | <b>5</b>  |
|            | Navigation database out of date (outside dispatch limits/conditions)                                                               | 2         |
|            | Required instrument charts not on board, or not available during critical phases of the flight                                     | 2         |
|            | Navigation database out of date, within limits but not recognised as such (prescribed operational procedures not applied)          | 1         |
| <b>A20</b> | <b>Flight crew licence / composition</b>                                                                                           | <b>5</b>  |
|            | Flight crew member without appropriate/valid licence/rating                                                                        | 2         |
|            | Language proficiency endorsement missing or lower than the required operational level (Level 4)                                    | 1         |
|            | Medical certificate invalid for the privileges being exercised                                                                     | 1         |
|            | User Defined Finding (UDF)                                                                                                         | 1         |

#### Top 5:

1. A13 – Flight Preparation
2. C01 – General External Condition
3. B01 – General Internal Cabin Condition
4. A07 – Minimum Equipment List
5. A04 – Manuals



## Annex 3 – SAFA Helicopters

### **A3 operations – SAFA International Operation of Helicopters (Annex 6 Part III)**

The number of findings for each specific inspection item is also expressed as a percentage of the total number of findings raised.

In the first table of the introduction, it can be seen that inspections on A3 operations account for  $\pm 0.1\%$  of the overall number of inspections. The percentage will then give an idea of a proportionate amount of findings of that category in the inspection item (i.e. A04 Cat 2 findings: 3 findings; this is 2% of all the Cat 2 findings on A04 raised in 2025, therefore A3 operations account for a higher number of Cat 2 findings in A04 than would be expected with an even distribution of the findings over all types of operation).

|              |                                  | Cat 1 | Cat 2       | Cat 3       |
|--------------|----------------------------------|-------|-------------|-------------|
| A01          | General Condition                |       |             | 1 1%        |
| A03          | Equipment                        |       | 2 3%        |             |
| A04          | Manuals                          |       | 3 2%        |             |
| A05          | Checklists                       |       |             |             |
| A13          | Flight Preparation               |       |             | 1 1%        |
| A21          | Journey log book or equivalent   |       | 1 6%        |             |
| A22          | Maintenance release              |       |             | 1 25%       |
| B10          | Safety Instructions              |       |             |             |
| D03          | Secure stowage of cargo on board |       |             | 1 0%        |
| <b>Total</b> |                                  |       | <b>6 0%</b> | <b>4 0%</b> |



### Annex 4 – SACA CAT Aeroplanes and Helicopters

#### **CAT operations – SACA Commercial Air Transport operations**

The number of findings for each specific inspection item is also expressed as a percentage of the total number of findings raised.

In the first table of the introduction, it can be seen that inspections on CAT operations account for  $\pm 46\%$  of the overall number of inspections. The percentage will then give an idea of a proportionate amount of findings of that category in the inspection item (i.e. A01 Cat 1 findings: 133 findings; this is 44% of all the Cat 2 findings on A01 raised in 2025, therefore CAT operations account for a lower number of Cat 1 findings in A01 than would be expected with an even distribution of the findings over all types of operation).

|            |                                                               | Cat 1     |            | Cat 2      |            | Cat 3     |            |
|------------|---------------------------------------------------------------|-----------|------------|------------|------------|-----------|------------|
| A01        | General Condition                                             | 133       | 44%        | 11         | 48%        | 61        | 46%        |
| A02        | Emergency Exit                                                |           |            |            |            | 1         | 50%        |
| A03        | Equipment                                                     | 56        | 51%        | 37         | 51%        | 1         | 100%       |
| A04        | Manuals                                                       | 8         | 53%        | 85         | 48%        | 6         | 19%        |
| A05        | Checklists                                                    | 8         | 47%        | 59         | 49%        | 3         | 50%        |
| A06        | Navigation / instrument charts                                |           |            | 3          | 18%        | 25        | 57%        |
| A07        | Minimum Equipment List                                        | 1         | 50%        | 26         | 30%        | 5         | 45%        |
| A08        | Certificate of registration                                   | 2         | 67%        | 1          | 100%       |           |            |
| A09        | Noise certificate (where applicable)                          | 2         | 22%        |            |            |           |            |
| A10        | AOC or equivalent                                             | 17        | 63%        | 5          | 28%        | 1         | 25%        |
| A11        | Radio license                                                 | 3         | 38%        |            |            |           |            |
| A12        | Certificate of Airworthiness                                  | 20        | 77%        |            |            |           |            |
| A13        | Flight Preparation                                            | 8         | 57%        | 75         | 49%        | 44        | 38%        |
| A14        | Mass and balance calculation                                  | 2         | 33%        | 47         | 59%        | 11        | 50%        |
| A15        | Hand fire extinguishers                                       | 1         | 33%        | 3          | 27%        | 6         | 50%        |
| A16        | Life jackets / flotation device                               | 4         | 100%       | 3          | 75%        | 1         | 13%        |
| A17        | Harness                                                       | 35        | 60%        |            |            | 1         | 20%        |
| A18        | Oxygen equipment                                              |           |            | 1          | 50%        | 7         | 41%        |
| A19        | Independent portable light                                    | 2         | 67%        |            |            | 5         | 63%        |
| A20        | Flight crew licence / composition                             | 24        | 29%        | 18         | 24%        | 2         | 20%        |
| A21        | Journey log book or equivalent                                | 2         | 50%        | 6          | 33%        |           |            |
| A22        | Maintenance release                                           | 1         | 50%        | 1          | 100%       | 2         | 50%        |
| <b>A23</b> | <b>Defect notification and rectification (incl. Tech log)</b> | <b>20</b> | <b>49%</b> | <b>435</b> | <b>44%</b> | <b>92</b> | <b>49%</b> |
| A24        | Pre-flight inspection                                         | 1         | 50%        | 21         | 43%        |           |            |

|              |                                                          | Cat 1       |            | Cat 2       |            | Cat 3      |            |
|--------------|----------------------------------------------------------|-------------|------------|-------------|------------|------------|------------|
| <b>B01</b>   | <b>General Internal Condition</b>                        | <b>133</b>  | <b>47%</b> | <b>101</b>  | <b>44%</b> | <b>150</b> | <b>33%</b> |
| B02          | Cabin crew station and crew rest area                    | 55          | 50%        | 6           | 50%        | 7          | 26%        |
| B03          | First Aid Kit / Emergency Medical Kit                    | 49          | 53%        | 3           | 43%        | 2          | 67%        |
| B04          | Hand fire extinguishers                                  | 2           | 50%        | 14          | 47%        | 9          | 26%        |
| B05          | Life jackets / Flotation devices                         | 4           | 80%        | 5           | 33%        |            | 0%         |
| B06          | Seat belt and seat condition                             | 59          | 43%        | 4           | 33%        | 57         | 49%        |
| B07          | Emergency exit, lighting, and Independent portable light | 92          | 46%        | 17          | 47%        | 24         | 29%        |
| B08          | Slides/Life-Rafts (as required), ELT                     | 2           | 18%        | 2           | 29%        | 1          | 50%        |
| B09          | Oxygen Supply (Cabin Crew and Passengers)                | 2           | 29%        | 16          | 59%        | 23         | 38%        |
| B10          | Safety Instructions                                      | 13          | 46%        | 40          | 48%        | 17         | 37%        |
| B11          | Cabin crew members                                       |             |            | 7           | 88%        |            |            |
| B12          | Access to emergency exits                                | 7           | 50%        | 23          | 43%        | 57         | 43%        |
| B13          | Stowage of passenger baggage                             |             |            |             |            | 6          | 35%        |
| <b>C01</b>   | <b>General External Condition</b>                        | <b>698</b>  | <b>47%</b> | <b>69</b>   | <b>48%</b> | <b>8</b>   | <b>42%</b> |
| <b>C02</b>   | <b>Doors and Hatches</b>                                 | <b>208</b>  | <b>51%</b> | <b>112</b>  | <b>43%</b> | <b>21</b>  | <b>57%</b> |
| C03          | Flight Controls                                          | 32          | 70%        | 5           | 71%        | 1          | 50%        |
| C04          | Wheels, tyres and brakes                                 | 15          | 60%        | 5           | 71%        | 14         | 47%        |
| C05          | Undercarriage, skids/floats                              | 124         | 54%        | 32          | 50%        | 4          | 67%        |
| C06          | Wheel well                                               | 17          | 53%        | 5           | 26%        | 1          | 50%        |
| <b>C07</b>   | <b>Powerplant and Pylon</b>                              | <b>174</b>  | <b>54%</b> | <b>40</b>   | <b>50%</b> | <b>16</b>  | <b>59%</b> |
| C08          | Fan blades, Propellers, Rotors (main/tail)               | 7           | 70%        | 1           | 50%        | 1          | 100%       |
| C09          | Obvious repairs                                          | 1           | 100%       | 56          | 47%        | 3          | 75%        |
| C10          | Obvious unrepaired damage                                |             |            | 2           | 100%       | 3          | 75%        |
| C11          | Leakage                                                  | 2           | 33%        | 2           | 67%        | 3          | 33%        |
| D01          | General Condition of Cargo Compartment                   | 154         | 42%        | 19          | 41%        | 53         | 43%        |
| D02          | Dangerous Goods                                          | 2           | 50%        | 2           | 20%        | 14         | 58%        |
| D03          | Secure stowage of cargo on board                         | 76          | 37%        | 10          | 40%        | 83         | 41%        |
| E01          | General                                                  | 3           | 60%        | 1           | 14%        | 5          | 56%        |
| <b>Total</b> |                                                          | <b>2281</b> | <b>48%</b> | <b>1436</b> | <b>45%</b> | <b>857</b> | <b>41%</b> |

The following inspections items will be further explored in detail, in respect of the top 5 inspection items resulting in Cat 2 and Cat 3 findings respectively, using the pre-described findings.

| Cat 2      |                                                                                                                                             |            |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>A23</b> | <b>Defect notification and rectification (incl. Tech log)</b>                                                                               | <b>435</b> |
|            | No evidence of identification nor monitoring of significant defect                                                                          | 272        |
|            | Known defect not reported/assessed                                                                                                          | 92         |
|            | Maintenance action not properly recorded                                                                                                    | 54         |
|            | User Defined Findings (UDFs)                                                                                                                | 16         |
|            | Incorrect rectification interval applied (but still within the prescribed MEL interval)                                                     | 1          |
| <b>C02</b> | <b>Doors and Hatches</b>                                                                                                                    | <b>112</b> |
|            | Door operation instructions missing or unreadable                                                                                           | 42         |
|            | Door handle(s), lever(s), access panel(s) not flush                                                                                         | 40         |
|            | Bonding wires broken or missing with significant influence on flight safety                                                                 | 16         |
|            | User Defined Findings (UDFs)                                                                                                                | 12         |
|            | Loose and/or missing fastener on secondary structure with significant influence on safety                                                   | 2          |
| <b>B01</b> | <b>General Internal Condition</b>                                                                                                           | <b>101</b> |
|            | Galley or trolley (when used) waste receptacle access door cover inoperative                                                                | 47         |
|            | Equipment installations obviously not in compliance with applicable requirements                                                            | 22         |
|            | Markings and/or placards missing, unreadable, and/or providing misleading information with significant effect on flight safety              | 22         |
|            | User Defined Findings (UDFs)                                                                                                                | 10         |
| <b>A04</b> | <b>Manuals</b>                                                                                                                              | <b>85</b>  |
|            | Operations manual/flight manual not up to date                                                                                              | 38         |
|            | Incomplete parts of the operations manual/flight manual pertaining to flight operations on board                                            | 26         |
|            | Flight crew not familiar with approved company procedures and manuals                                                                       | 15         |
|            | User Defined Findings (UDFs)                                                                                                                | 3          |
|            | Operations manual published in a language not understood by a member of the flight crew                                                     | 2          |
|            | Operations manual not issued by the current operator                                                                                        | 1          |
| <b>C01</b> | <b>General External Condition</b>                                                                                                           | <b>75</b>  |
|            | Fuel consumption monitoring not recorded or not performed in accordance with the approved procedures                                        | 29         |
|            | Incorrect Operational Flight Plan                                                                                                           | 22         |
|            | User Defined Findings (UDFs)                                                                                                                | 10         |
|            | ATS flight plan incorrect                                                                                                                   | 6          |
|            | Fuel/energy calculation not in accordance with applicable requirements, but total fuel on board at or above applicable minimum requirements | 5          |
|            | Fuel calculation not in accordance with applicable requirements, but total fuel on board at or above applicable minimum requirements        | 2          |
|            | Content and use of the Operational Flight plan not in accordance with the operations manual                                                 | 1          |

| Cat 3      |                                                                                                                                                        |            |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>B01</b> | <b>General Internal Condition</b>                                                                                                                      | <b>150</b> |
|            | Cabin equipment not properly secured                                                                                                                   | 51         |
|            | Unserviceable brakes of service cart(s)                                                                                                                | 41         |
|            | Loose or heavy objects in the cabin/galleys                                                                                                            | 18         |
|            | Covers damaged/missing exposing sharp edges and/or cables and wires                                                                                    | 16         |
|            | User Defined Findings (UDFs)                                                                                                                           | 10         |
|            | Stowage of luggage or loose articles in the toilets                                                                                                    | 4          |
|            | Lavatory inoperative (not placarded as such and not confirmed with MEL restrictions if any)                                                            | 3          |
|            | Crew carry-on baggage not adequately and securely stowed during flight                                                                                 | 2          |
|            | Lavatory waste receptacle access door cover inoperative                                                                                                | 2          |
|            | Cargo not adequately and securely stowed during flight                                                                                                 | 2          |
|            | Smoke detection system not installed or inoperative (outside dispatch limits/conditions) and lavatory not placarded in compliance with MEL             | 1          |
| <b>A23</b> | <b>Defect notification and rectification (incl. Tech log)</b>                                                                                          | <b>92</b>  |
|            | Required maintenance action not performed or not in accordance with applicable (MEL/AMM/SRM) instructions                                              | 76         |
|            | Defect deferred but without applying (correctly) the required (M), (O) and/or other procedures prescribed by the MEL                                   | 13         |
|            | Maintenance action entered in ATLB or equivalent document, although not performed                                                                      | 2          |
|            | Deferred defect open while the MEL rectification interval has expired                                                                                  | 1          |
| <b>D03</b> | <b>Secure stowage of cargo on board</b>                                                                                                                | <b>83</b>  |
|            | Cargo not correctly secured and restrained in all directions (several net, straps, stanchions, lock assemblies missing or inappropriately installed)   | 51         |
|            | Load distribution/load limit (floor and/or height) exceeded                                                                                            | 20         |
|            | Major damage to lashing, tie-down equipment, pallets, lock assemblies and/or containers affecting the structural integrity and their intended function | 12         |
| <b>A01</b> | <b>General Condition</b>                                                                                                                               | <b>61</b>  |
|            | Interior equipment and/or other object(s) not correctly secured or stowed during flight                                                                | 53         |
|            | Equipment installations obviously not in compliance with applicable requirements                                                                       | 5          |
|            | Windshield wipers/cleaning/drying system not installed or inoperative (outside dispatch limits/conditions)                                             | 1          |
|            | Lights U/S in warning panel (outside dispatch limits/conditions)                                                                                       | 1          |
|            | User Defined Finding (UDF)                                                                                                                             | 1          |
| <b>B12</b> | <b>Access to emergency exits</b>                                                                                                                       | <b>57</b>  |
|            | Access to emergency exits impeded by seats (oversized seat cushions)                                                                                   | 15         |
|            | Access to emergency exits impeded by baggage or cargo                                                                                                  | 12         |
|            | Floor/carpet in poor condition affecting the rapid evacuation                                                                                          | 8          |
|            | Cabin crew seat does not retract automatically impeding the access to emergency exit                                                                   | 6          |
|            | Not-recessed tray table latch can be opened in the direction of evacuation (no one-way lock)                                                           | 5          |
|            | User Defined Findings (UDFs)                                                                                                                           | 5          |
|            | Access to emergency exits impeded by seats (total rows)                                                                                                | 4          |
|            | Not-recessed tray table latch can be opened in the direction of evacuation (for retrofitted aircraft)                                                  | 1          |
|            | Tray table locks fail to maintain the tables in upright position in case of deceleration, shocks (for seats adjacent to emergency exits)               | 1          |

| Cat 3      |                                                                                       |           |
|------------|---------------------------------------------------------------------------------------|-----------|
| <b>B06</b> | <b>Seat belt and seat condition</b>                                                   | <b>57</b> |
|            | Seat(s) unserviceable and not identified as such (outside dispatch limits/conditions) | 32        |
|            | Underseat baggage restraining bar(s) unserviceable with major impact on safety        | 21        |
|            | No serviceable seat belt available for each passenger on board                        | 2         |
|            | User Defined Findings (UDFs)                                                          | 2         |

## Top 5:

1. C01 – General External Condition
2. A23 – Defect notification and rectification (incl. Tech Log)
3. B01 – General Internal Cabin Condition
4. C02 – Doors and hatches
5. C07 – Powerplant and Pylon



## Annex 5 – SACA NCC Aeroplanes and Helicopters

### ***NCC operations – SACA Non-Commercial air operations with Complex motor-powered aircraft***

The number of findings for each specific inspection item is also expressed as a percentage of the total number of findings raised.

In the first table of the introduction, it can be seen that inspections on NCC operations account for  $\pm 0.9\%$  of the overall number of inspections. The percentage will then give an idea of a proportionate amount of findings of that category in the inspection item (i.e. A01 Cat 2 findings: 3 findings; this is 2% of all the Cat 2 findings on A01 raised in 2025, therefore NCC operations account for a higher number of Cat 2 findings in A01 than would be expected with an even distribution of the findings over all types of operation).

|              |                                                          | Cat 1     |           | Cat 2     |           | Cat 3     |           |
|--------------|----------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| A04          | Manuals                                                  |           |           | 3         | 2%        |           |           |
| A05          | Checklists                                               |           |           | 3         | 3%        |           |           |
| A06          | Navigation / instrument charts                           |           |           |           |           | 1         | 2%        |
| A07          | Minimum Equipment List                                   |           |           | 1         | 1%        |           | 0%        |
| A10          | AOC or equivalent                                        | 1         | 4%        | 1         | 6%        |           | 0%        |
| A13          | Flight Preparation                                       |           |           | 5         | 3%        | 1         | 1%        |
| A14          | Mass and balance calculation                             |           |           | 1         | 1%        | 2         | 9%        |
| A15          | Hand fire extinguishers                                  |           |           |           |           |           | 0%        |
| A16          | Life jackets / flotation device                          |           |           |           |           | 1         | 13%       |
| A18          | Oxygen equipment                                         |           |           |           |           | 1         | 6%        |
| A19          | Independent portable light                               |           |           |           |           |           |           |
| A20          | Flight crew licence / composition                        | 1         | 1%        | 1         | 1%        | 1         | 10%       |
| A21          | Journey log book or equivalent                           |           |           |           |           |           |           |
| A23          | Defect notification and rectification (incl. Tech log)   |           |           | 3         | 0%        |           |           |
| B01          | General Internal Condition                               |           |           |           |           | 3         | 1%        |
| B03          | First Aid Kit / Emergency Medical Kit                    | 1         | 1%        |           |           |           | 0%        |
| B04          | Hand fire extinguishers                                  |           |           |           |           |           | 0%        |
| B07          | Emergency exit, lighting, and Independent portable light | 1         | 1%        |           |           |           |           |
| B09          | Oxygen Supply (Cabin Crew and Passengers)                |           |           |           |           | 1         | 2%        |
| B10          | Safety Instructions                                      | 3         | 11%       | 2         | 2%        |           |           |
| C01          | General External Condition                               | 1         | 0%        |           |           |           |           |
| C04          | Wheels, tyres and brakes                                 |           |           | 1         | 14%       |           |           |
| C05          | Undercarriage, skids/floats                              | 1         | 0%        |           |           |           |           |
| D03          | Secure stowage of cargo on board                         | 1         | 0%        |           |           | 1         | 0%        |
| E01          | General                                                  |           |           |           |           |           |           |
| <b>Total</b> |                                                          | <b>10</b> | <b>0%</b> | <b>21</b> | <b>1%</b> | <b>12</b> | <b>1%</b> |

## Annex 6 – SACA NCO Aeroplanes and Helicopters

### **NCO operations – SACA Non-Commercial air operations with Other-than- complex motor-powered aircraft**

The number of findings for each specific inspection item is also expressed as a percentage of the total number of findings raised..

In the first table of the introduction, it can be seen that inspections on NCO operations account for 0.02% of the overall number of inspections. The percentage will then give an idea of a proportionate amount of findings of that category in the inspection item (i.e. A14 Cat 3 findings: 2 findings; this is 9% of all the Cat 3 findings on A14 raised in 2025, therefore NCO operations account for a higher number of Cat 3 findings in A14 than would be expected with an even distribution of the findings over all types of operation).

|              |                                                        | Cat 1    |           | Cat 2    |           | Cat 3     |           |
|--------------|--------------------------------------------------------|----------|-----------|----------|-----------|-----------|-----------|
| A01          | General Condition                                      |          |           |          |           |           |           |
| A04          | Manuals                                                |          |           | 1        | 1%        |           |           |
| A05          | Checklists                                             |          |           |          |           | 1         | 17%       |
| A06          | Navigation / instrument charts                         |          |           |          |           | 1         | 2%        |
| A07          | Minimum Equipment List                                 |          |           | 1        | 1%        |           |           |
| A10          | AOC or equivalent                                      |          |           |          |           |           |           |
| A13          | Flight Preparation                                     |          |           | 1        | 1%        | 2         | 2%        |
| A14          | Mass and balance calculation                           |          |           |          |           | 2         | 9%        |
| A16          | Life jackets / flotation device                        |          |           |          |           | 1         | 13%       |
| A22          | Maintenance release                                    |          |           |          |           | 1         | 25%       |
| A23          | Defect notification and rectification (incl. Tech log) |          |           | 1        | 0%        |           |           |
| A24          | Pre-flight inspection                                  |          |           |          |           | 1         | 100%      |
| B01          | General Internal Condition                             | 1        | 0%        |          |           | 1         | 0%        |
| B03          | First Aid Kit / Emergency Medical Kit                  | 2        | 2%        |          |           |           |           |
| B12          | Access to emergency exits                              |          |           | 1        | 2%        |           |           |
| B13          | Stowage of passenger baggage                           |          |           |          |           | 2         | 12%       |
| C05          | Undercarriage, skids/floats                            | 1        | 0%        |          |           |           |           |
| C06          | Wheel well                                             |          |           |          |           |           |           |
| <b>Total</b> |                                                        | <b>4</b> | <b>0%</b> | <b>5</b> | <b>0%</b> | <b>12</b> | <b>1%</b> |