



APPENDIX:

SAFETY TECHNIQUES SURVEY

This appendix provides guidance material and some hints for practical and effective use of Safety Techniques and Methods to achieve some parts of some SAM step. These Safety Techniques cover the overall SAM (FHA, PSSA and SSA) lifecycle.

The Appendix is made of two parts (EUROCONTROL Brétigny Research Centre report as this survey was conducted through a ERC study):

- **Report:** This report presents the main results of a survey aimed at collecting and evaluating techniques and methods that can be used to support the guidelines of the EATMP Safety Assessment Methodology (SAM). Over 500 techniques were collected that can possibly support SAM. Nineteen of these techniques have subsequently been selected

for more detailed evaluation along a template format. These 19 techniques are believed to be able to support the SAM either immediately, or with some tailoring or adaptation to the ATM context. The report explains how the collection process was organised, presents statistics on the 500 collected techniques, explains how 19 techniques were selected from these 500, explains how the template format was developed, and gives the detailed evaluation results for the 19 selected techniques. In addition, it provides techniques that are judged to be significantly important and therefore deserve further development by EUROCONTROL.

- Technical Annex: Many details are provided in the separate Technical Annex in particular the whole list of techniques and their applicability to SAM steps and sub-steps.

Note: Techniques such as:

- HERA (Human Error in ATM),
- SOFIA (Sequentially Outlining and Follow-up Integrated Analysis)

developed by EUROCONTROL as part of the “Occurrence Reporting and investigation” package (aiming at complying with ESARR2) are not further described within the 19 selected techniques of this report as they are already made available to ECAC ANSPs.

This page is intentionally left blank.