

- 305 • Red eye reduction
- 306 • Aspect ratio corrections

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308 **Advanced Topic: Subject Processing**

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310 After previous passes have been exhausted (or dismissed due to the nature
 311 of the image), the reviewer may decide to use additional processing steps
 312 which are directed at the subject in the image. This process may be time
 313 consuming and may still yield no investigative leads.

314

315 This style of processing may introduce external elements to the subject in
 316 the image. The examiner should follow agency guidelines to determine
 317 whether these measures can and should be applied to improve the likelihood
 318 of an investigative lead being returned in a candidate list from an FRS.

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Reminder: Any decision on whether or not a particular candidate from a search is from the same source as the probe image must be made using the original (unedited) image.

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322 Circumstances warranting this type of image processing include, but are not
 323 limited to, the following:

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- 325 • Facial features obscured by accessories (e.g., hats, scarves, eyewear,
 326 etc.), hair, image artifacts, etc.
- 327 • Missing or obscured facial features due to extreme pose or expression
 328 (including closed eyes)
- 329 • Intentional alterations of the subject's face (e.g., excessive make-up)
- 330 • Trauma (lacerations, blood, bruising, etc.), evidence of medical
 331 intervention (e.g., bandages, endotracheal tube, neck brace, etc.) or
 332 post mortem.

333

334 Examples of subject image processing include, but are not limited to, the
 335 following:

336

- 337 • Replace or create missing facial features on the subject.
- 338 • Mirroring the probe image on the center line of the half face.
- 339 • Horizontal Flip should be utilized if the probe image submitted was
 340 may have been taken as a reflection or may have been flipped
 341 left/right or right/left in transmission.

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343 Subject Processing should only be performed by trained reviewers when
 344 permitted by agency policies.

345

346 **Reference List**

347

348 FISWG documents can be found at: www.FISWG.org

349 ANSI/NIST-ITL Standard Homepage:

350 http://www.nist.gov/itl/iad/ig/ansi_standard.cfm

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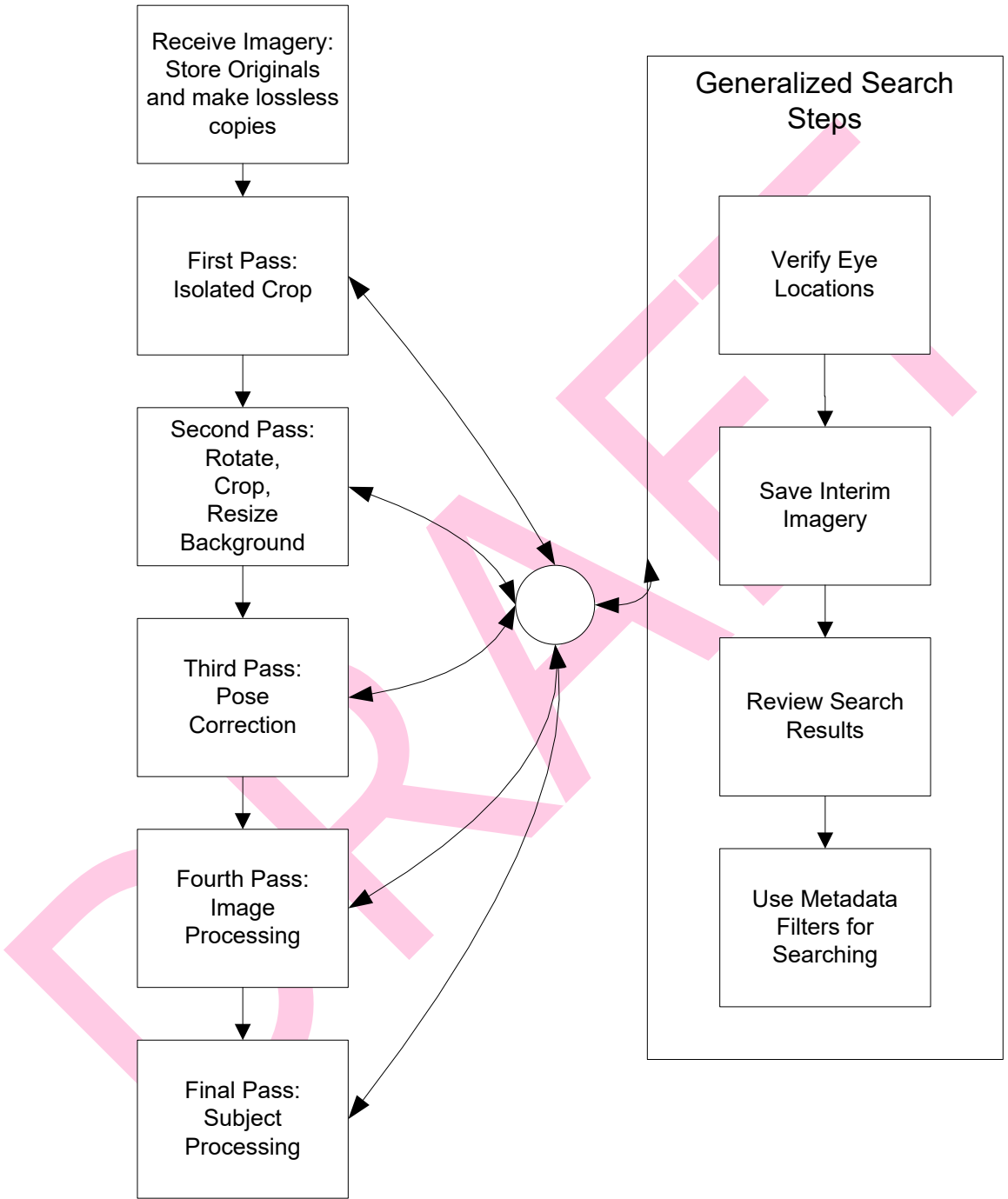
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368 **Flow Charts**



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