

Production Test Report

Reviewed by PDF Toolbox. Tested September 22, 2026 (UTC) against the live production APIs and worker pipeline.

Tested production workflow

- Public upload API -> PDF information -> page previews -> Edit PDF API -> Redis/BullMQ queue -> production worker -> public download endpoint.
- PyMuPDF runtime: 1.26.7.
- Primary successful production job: 704.
- Synthetic control: five pages, including rotations 0, 90, 180, and 270 degrees plus one image-only page.
- Fifteen edits were submitted: one text overlay, one whiteout rectangle, and one highlight rectangle per page.

Evidence identifiers

Source SHA-256:

8cfe0bb6811eb3409afd3f770bf368dcbae251a04b646c4b4f0d24ebbb272436

Output SHA-256:

804a375e4de863ebdf86f19fb487415fef6455a54398d4e5ab15f2696d350a44

Observed positive results

- The production job completed with progress 100 and reported editCount 15.
- Page rotations remained 0, 90, 180, 270, and 0 degrees.
- Text overlays appeared near the submitted 20 percent horizontal and 30 percent vertical position on every tested page.
- Inserted text remained horizontally oriented in displayed page coordinates on all tested rotations.
- Whiteout and highlight rectangles matched the submitted visual coordinates in the controlled geometry check.
- The image-only fifth page accepted the text, whiteout, and highlight overlays without OCR.
- The whiteout rectangle visually covered content, but the underlying SECRET text remained extractable. Whiteout is therefore not redaction.

Structures observed as preserved in this synthetic control

- Selected title, author, and subject metadata.
- The embedded test attachment.
- The tested text form field and its value.
- The tested URI link.
- The tested text annotation.
- Page rotations, media boxes, and crop boxes.

These preservation observations apply only to the published synthetic control. They are not a guarantee that every PDF feature, annotation type, form, layer, embedded object, accessibility structure, or other document feature will remain unchanged.

Negative controls and deliberate refusals

- Unsupported Unicode: rejected before queueing with a message that the editor currently supports single-line Latin text and common Western punctuation only.
- Invalid page number: job failed rather than falsely reporting success.
- Text that would clip beyond the page: job failed with a fit error.
- PDF containing a signature field: job failed because editing can invalidate digital signatures.
- Password-protected PDF: job failed and required unlocking before editing.
- Malformed input labeled as PDF: job failed because it could not be opened as a valid PDF.

Important functional limits

- This is an additive overlay editor. It does not reflow or directly rewrite existing paragraphs.
- Whiteout is a visual cover only and does not remove underlying text or data.
- Highlight is a flattened translucent overlay rather than a portable PDF highlight annotation.
- Text input is intentionally bounded to single-line Latin / Western characters supported by the tested production font path.
- Text that cannot fit at the selected location is rejected instead of silently clipping.

Verification and retention

Recommended output checks

- Keep the original PDF.
- Open the downloaded result in a separate PDF reader.
- Inspect every edited page at a useful zoom level.
- Confirm text placement, spelling, and any content that should remain visible.
- Do not treat whiteout as secure redaction. Use a true redaction workflow when underlying content must be removed.
- For important documents, verify forms, links, comments, attachments, metadata, accessibility, signatures, and other document-specific features that matter to your workflow.

Temporary file retention

Uploaded PDFs, generated outputs, and page-preview images become eligible for scheduled deletion after 60 minutes. The cleanup process runs on a five-minute interval, so deletion is not guaranteed at the exact 60-minute mark.

Scope of this report

This report documents one controlled production test and its deliberate negative controls. It is not a legal, regulatory, archival, forensic, accessibility, or exact-preservation certification.