EFB DOCUMENT SYSTEM FOR IPAD

DataStone

PATENT PENDING

US Provisional Filings · Sept & Oct 2026

Your notes follow the exact words. Changes never hide inside them.

DataStone is an iPad reader for flight manuals and publications. **When a new revision arrives, every highlight, note, and drawing moves with the words it was made on—and anything that changed is flagged for the pilot.**

THE PROBLEM

Every revision puts a pilot's marks at risk

Pilots build years of highlights and notes in their manuals. A new revision either strands those marks or moves them without saying what changed underneath. **In a flight manual, a highlight that quietly covers a new word is a safety problem.**

One inserted word, two outcomes — REVISION MIGRATION COMPARISON

REV A PILOT HIGHLIGHTS	The crew may begin the descent before the checklist is complete.
REV B ANCHORED AT BOTH ENDS	The crew may not begin the descent before the checklist is complete. ✕ The highlight stretches over "not". Nothing tells the pilot.
REV B DATASTONE	The crew may not CHANGED begin the descent before the checklist is complete. ✓ The mark stays on its own words. The new word is boxed and flagged.

THE PATENT

Two US provisional applications filed Sept & Oct 2026

In plain words: DataStone gives every word in the manual its own identity. Common EFB apps hold a mark by its two ends or page coordinates, so words inserted between the ends get swallowed into the highlight. DataStone moves a mark only to the exact words the pilot selected, flags any insertion or deletion inside it, and holds uncertain moves for pilot review instead of guessing.

WHAT SETS IT APART

Features we have not seen in other EFB document apps

1. **Word-level tracking.** Highlights, notes, and drawings follow their exact words into the new revision, even when page layout changes.
2. **Changes inside a mark are flagged.** An added, deleted, or changed word is boxed and flagged—never silently absorbed.
3. **No guessing.** If a mark's new place is not certain, it is set aside for the pilot to review rather than dropped in the wrong spot.
4. **Show Change.** Tap a change bar or flagged mark to read the old and new wording side by side, word for word.
5. **Read files, pilot bulletins, and FCIFs.** Read to the last page and sign with Face ID or passcode; only then are affected lines marked inside the manual, with the memo one tap away.
6. **Sourced Pilot Notepad.** Build personal study notes with live manual passages that automatically re-verify when a new revision lands.

Based on public product information for the major EFB document apps we reviewed in October 2026. Several of them keep notes or move highlights when the text is unchanged; none describe flagging words added inside a mark.

Built for the flight deck

- Works fully offline on iPad.
- **No AI hallucinations. Ever.** DataStone's word map provides the exact texts and highlights and never infers information.
- Revision and effective date always visible, as FAA AC 120-76E expects.
- Signed, tamper-evident document bundles. Pilot marks are never written into the official PDF.
- Read-and-sign with Face ID and a hash-chained on-device sign-off log that never locks the EFB.

Where it is headed

- **In the demo build:** offline plain-language search that finds the right paragraph when your words differ from the manual's, and a personal notepad tied to the manual's words, flagged when its source changes.
- **Planned:** accreditation path for CUI handling, MDM deployment, and DoD PKI. On-premises first, IL5 hosting later.
- **Coming:** help for students moving from FAA rules to Air Force instructions.
- Target audiences in both the military and civilian sectors, expanding to other fields that rely on controlled documents.

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Patent pending (US Provisional Applications filed Sept & Oct 2026). Demonstration build; items marked "Planned" or "Coming" are not finished. Competitor statements reflect publicly available information as of October 2026.