Election Hazards

1. Registration:
   > Malicious purges/ changes
   > Early deadlines
   Mitigation: same day reg./ERIC

2. Polling Location Access
   > Last minute changes
   > too many voters, long lines

3. Voter Validation including
   Signature Comparison
   > Difficult to obtain ID req.
   > Signature comparison faults

4. Poll list errors
   > Req. to request correct ballot
   > Correct ballot availability

5. Issuing ballot errors
   > Req. to request correct ballot
   > Correct ballot availability

6. Marking errors (voter Intent) & Submission problems
   > Use of unreadable bar codes
   > Confusing ballot design

7. Scanner Review Misdirection

8. Security of Cast Ballot prior to scanning.
   > Higher risk in central count

9. Ballot Image Manipulation prior to creating the CVR
   > Higher risk in COTS scanner
   > Limit risk by sampling paper

10. CVR Modification / Mismatch
    > Voter Intent Misinterpretation
    > Malicious CVR changes

11. Paper Ballot Security After scanning

    > Would require matching changes to CVR

13. Ballot Image Archive Creation and posting
    > Would require matching changes to CVR

14. Posting Service Security
    > Posting service security is key to their business model.

15. Hazards within the audit process that can defeat the audit, including reporting.
    > Statistical audits that sample individual ballots have many hazards that may defeat the results.
    > Ballot Image Audits can be redundantly checked to reduce hazard of compromised auditor.