



OVERVIEW OF LATENT PRINT TESTING

Nicole Osborn - CLPE
osbornita@gmail.com
818-653-1153

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**ACCURATE AND
RELIABLE RESULTS**

– YES PLEASE!!



PRACTICAL TRADE OFFS:

COSTS

LIMITATION OF RESOURCES



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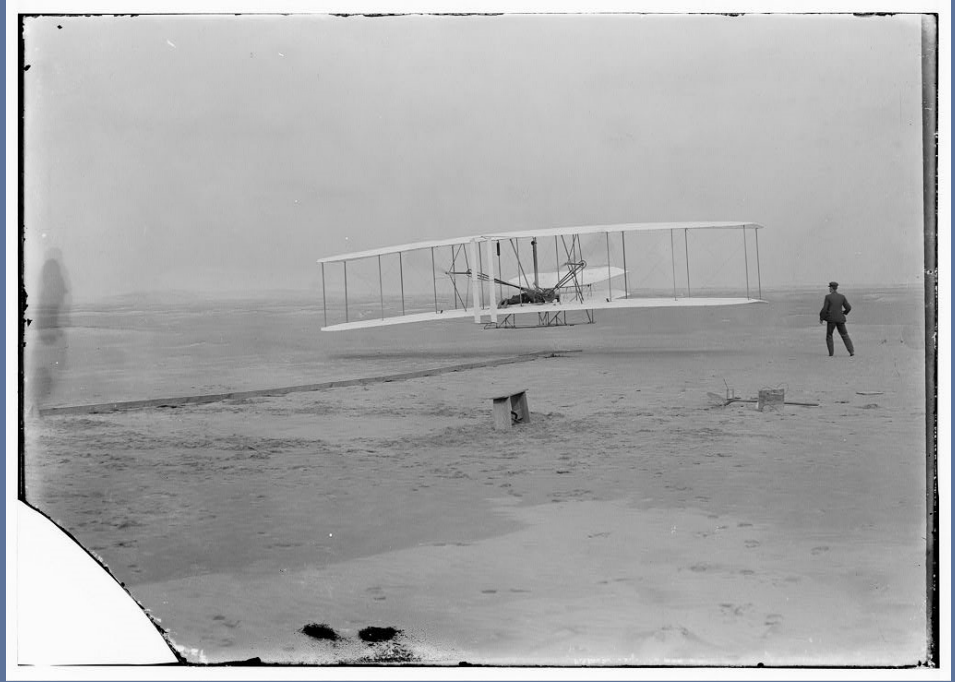
AVIANCA FLIGHT 052

JAN 25, 1990

73 OUT OF 158 PEOPLE ONBOARD
LOST THEIR LIVES



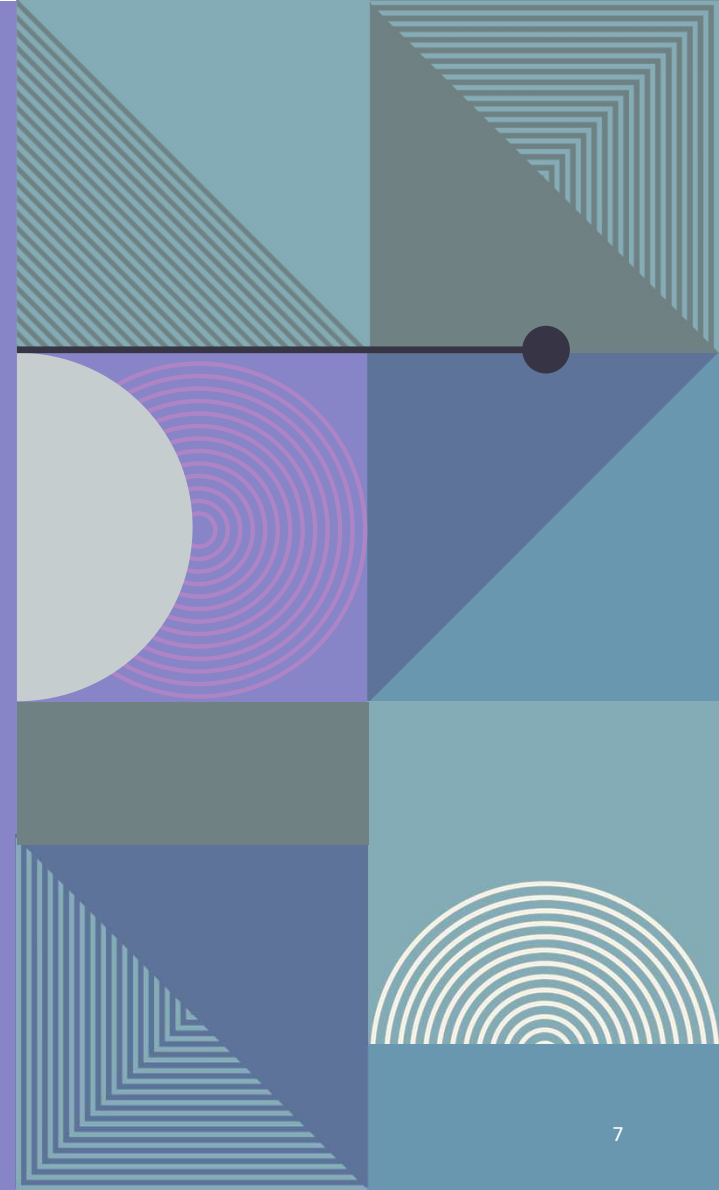
TWA FLIGHT 800
JULY 17, 1996
ALL 230 LIVES LOST



1903 – FIRST FLIGHT

BENEFITS OF TESTING

- **Ensuring Examiner Competency**
- **Maintain Examiner Proficiency**
- **Reduce Errors**
- **Promoting Quality Assurance**





COMPETENCY

Minimum
Standard to
establish the
examiner's
ability to work
independently

PROFICIENCY

Review
Effectiveness of
quality system
in place at the
lab

CURRENT TESTING





DIFFERENT METHODS OF TESTING

Individual

Incorporate Verification

Testing the Full Process and

Lab Procedures



CHALLENGES

Development of Materials

- Realistic and Representative
- Validated



CHALLENGES

Scoring Criteria and Benchmarks

- Define Acceptable Performance Level
- Account for Subjectivity



CHALLENGES

Effective Testing Procedures

- Logistics -Test Administration/Scheduling
- Fairness and Consistency



CHALLENGES

Resistance and Concerns

- Perception of Threat or Burden
- Balance Assessment Needs with Autonomy



CHALLENGES

Maintenance of Continuous Learning

- Review and Update Tests & Test Procedures
- Incorporate Feedback



FOOD FOR THOUGHT

Multifaceted Approach

Written Practical and Case Based Assessments

Utilize a Variety of Test Formats

Orientation

Sufficiency

AFIS



FOOD FOR THOUGHT

Development Process

Collaborative - Transparent - Inclusive

Involve Examiners, Supervisors, Vendors, and Other SME

Solicit Feedback Throughout Process

Courts, Discipline, Agencies, Examiners



FOOD FOR THOUGHT

Foster Culture of Continuous Learning

Regularly Update Test Content and Scoring Criteria

Analyze Results to Identify Trends, Patterns, Areas for
Improvement

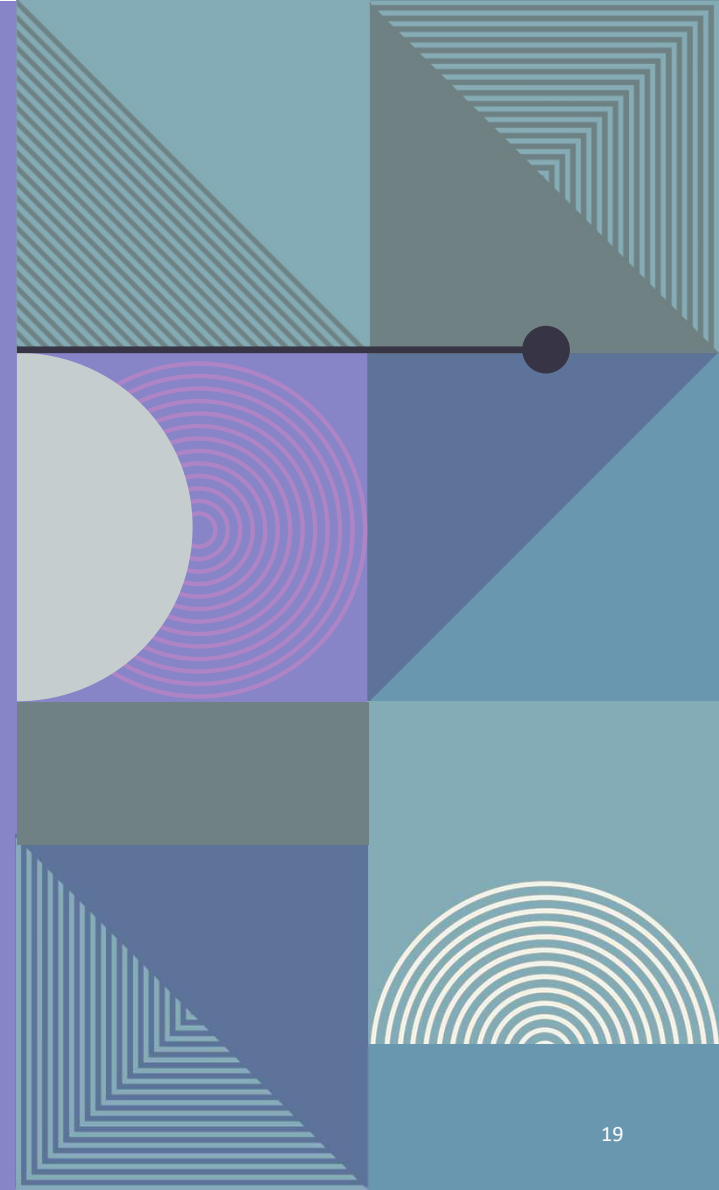
View Testing as Skill Enhancement vs. “Gotcha!”

Recognize and Reward an Examiner’s Growth

SUMMARY



- Benefits to Testing
- Clear Define Standards of Testing
- Comprehensive Approach to Testing





THANK YOU

Nicole Osborn

818-653-1153

osbornita@gmail.com

www.reflectiveforensics.com