

# Elite Airport Lighting Equipment Certification Program

IESALC Government Contacts Subcommittee  
Virtual Meeting Spring 2022

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Program Administrator



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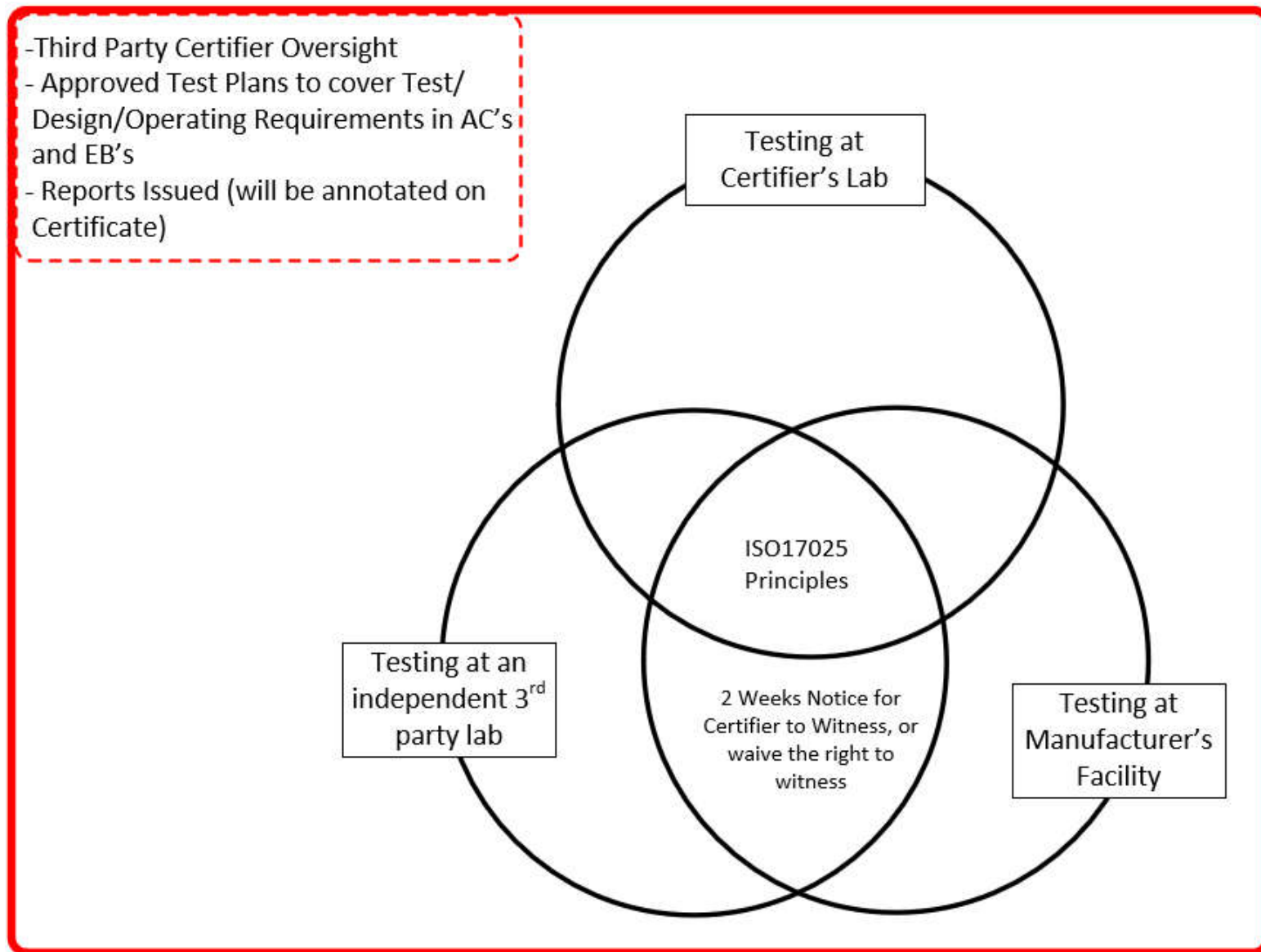
# Purpose of the Program

- **Intended for equipment funded by FAA airport grant program**
- **Enhance safety by:**
  - Ensuring lighting equipment meets, or exceeds, standards for safety, performance, and quality
  - Provide standardization of visual cues

# Third Party Certification Body Roles

- **Per 150/5345-53D, All Third-Party Certification Bodies:**
  - Are accepted by the FAA to certify all L-types
  - Issue initial and revised Certificate of Conformance
  - Approve test plans and ensure test locations follow ISO17025
  - Evaluate equipment per -53D and respective Advisory Circulars
  - Ensure manufacturers maintain a suitable quality control program
  - Reviews modifications to equipment
  - Notify FAA of new and rescinded certificates

# Qualification Testing Options



# Pre-Compliance Testing

- **Highly encouraged to prevent surprises during qualification testing**
  - Can be done at internal facility
  - Can be used to correlate internal and third-party lab results
  - Provides a foundation of understanding of the requirements of the Advisory Circulars
  - Share results and design intent with the third-party certifier in order to minimize risk of failure during qualification testing
  - Any pre-compliance test data applied towards qualification starts the clock on the certificate – assuming testing is done under third-party certifier oversight
- **Prevent costly test delays or late design changes**

# Current Program Statistics

- **Accepted by FAA in August 2020**
- **3 Licensed Manufacturing Facilities**
  - (3 Pending)
- **2 Certificates Issued**
  - (1 Pending)

# Current Program Status – COVID 19



- **Testing facilities are open and available for full capacity**
  - Following CDC guidelines as well as Federal, State, and Local government policies
  - Visitors are limited to essential business
  - Utilizing video capabilities to share information and enhance shared understanding
- **Constantly monitoring & updating all safety protocols to completely restore business operations to pre-COVID levels**

# Key ALECP Personnel at Elite



## Certification Staff



Brad DeGrave  
FAA Program Administrator  
Sr. Mechanical Engineer



Mark Gabalewicz  
Certification Specialist  
Sr. Mechanical Engineer



Jessica Kramer  
Certification Specialist  
Photometric Engineer



## Technical Sales

Kevin Halpin  
Project Engineer  
Technical Sales



Robert Bugielski  
Technical Sales  
Quality Manager  
Sr. EMC Engineer



Michael Cosentino  
Business Development Manager



# For follow up questions

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