

Thermoplastic Marking Material Project

- Research and Development

Presented to: ICAO Workshop

By: Holly Cyrus, Project Manager

Date: July 6, 7, & 8, 2015



Federal Aviation
Administration



Thermoplastic Marking Material Project

- Objectives of this evaluation:
 - Determine if Thermoplastic is suitable for the airport environment
 - Determine the Adherence of the Beads
 - Recommend changes to Advisory Circular

Thermoplastic at Newark



Newark Thermoplastic Taxiway Marking



Thermoplastic with Q Panel



White Thermo- Plastic

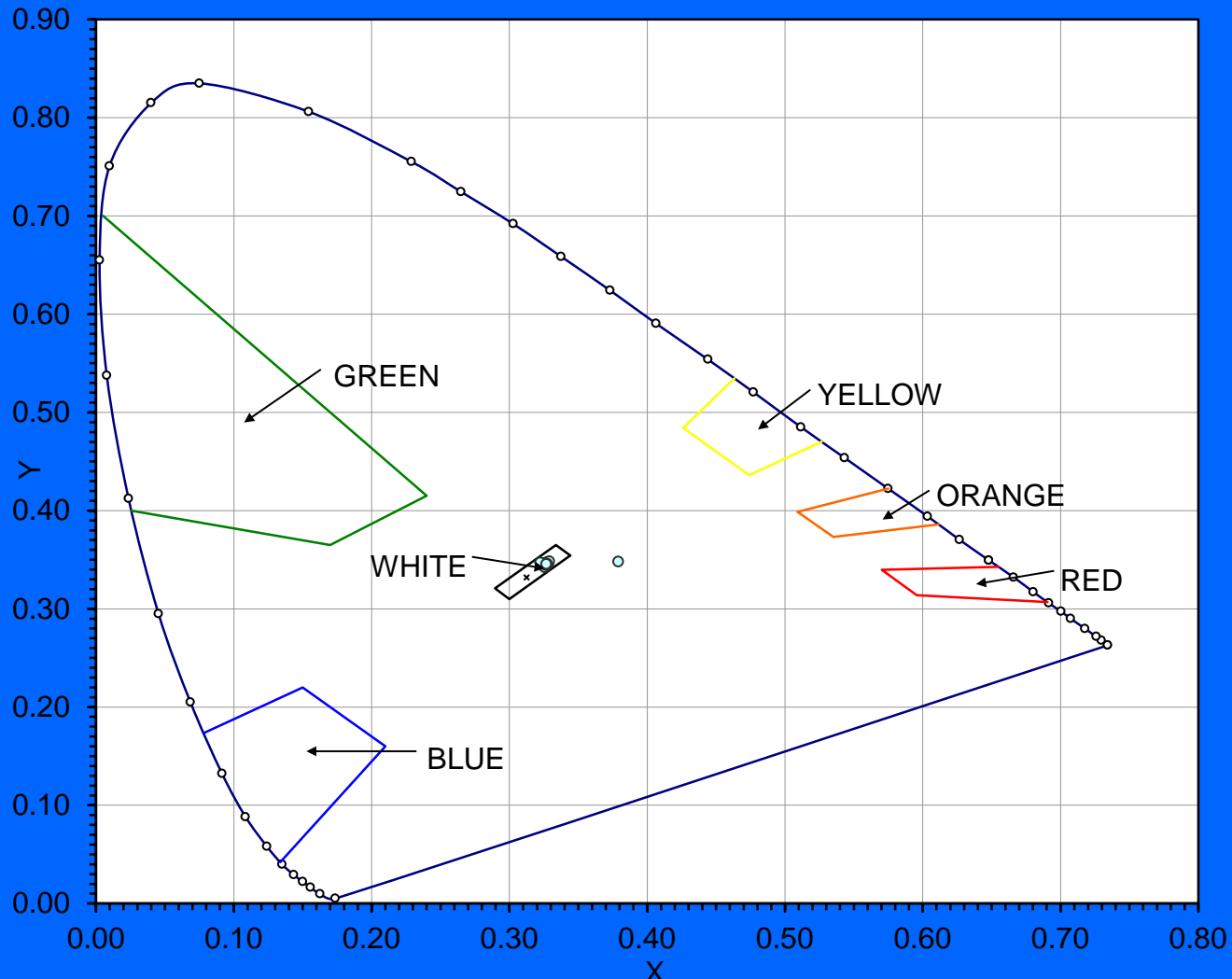


FIGURE 1.3 COLOURS OF RETROREFLECTING MATERIALS FOR SURFACE MARKINGS

Yellow Thermo-Plastic

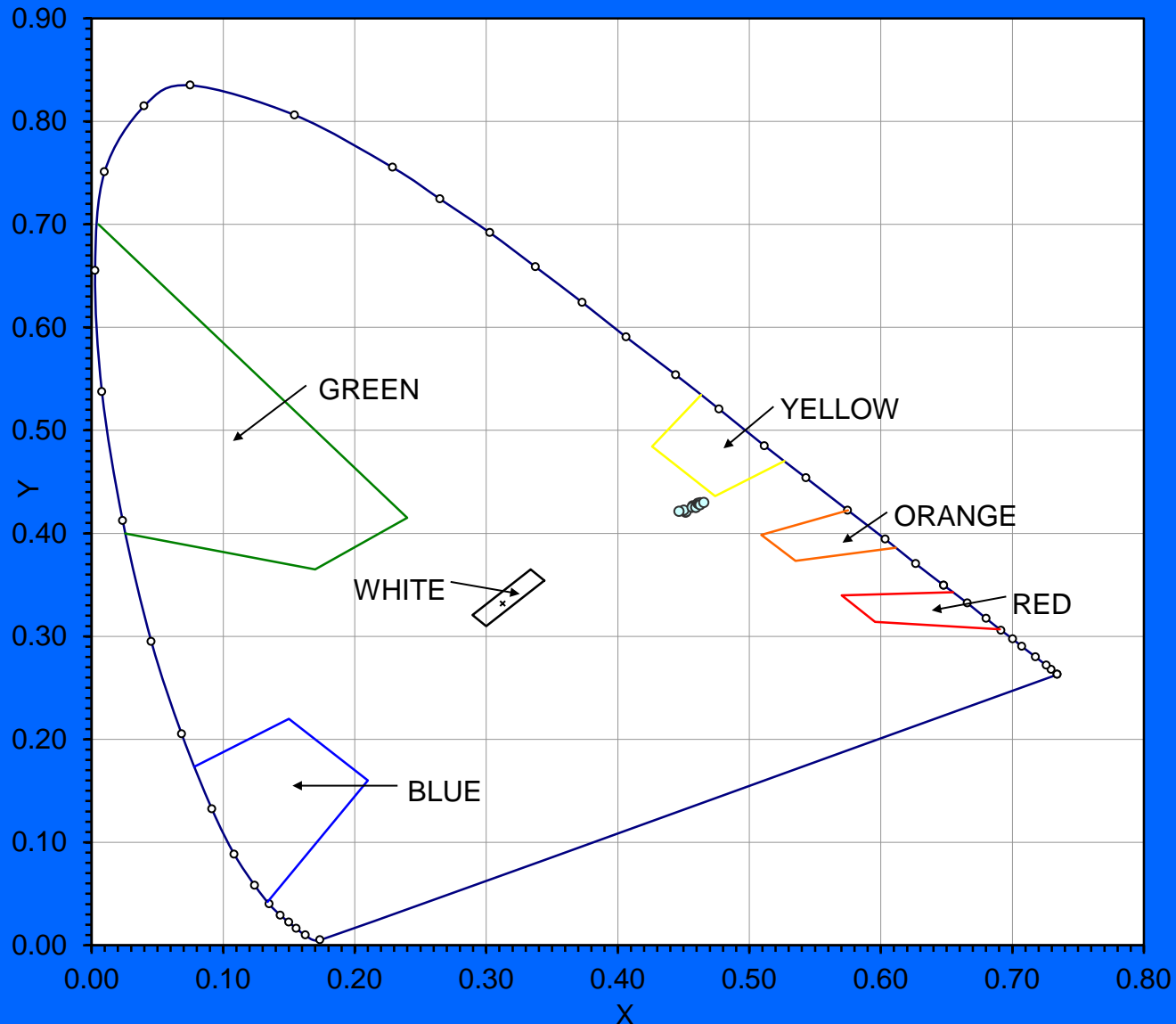


FIGURE 1.3 COLOURS OF RETROREFLECTING MATERIALS FOR SURFACE MARKINGS

Black Specialty Products Inc.

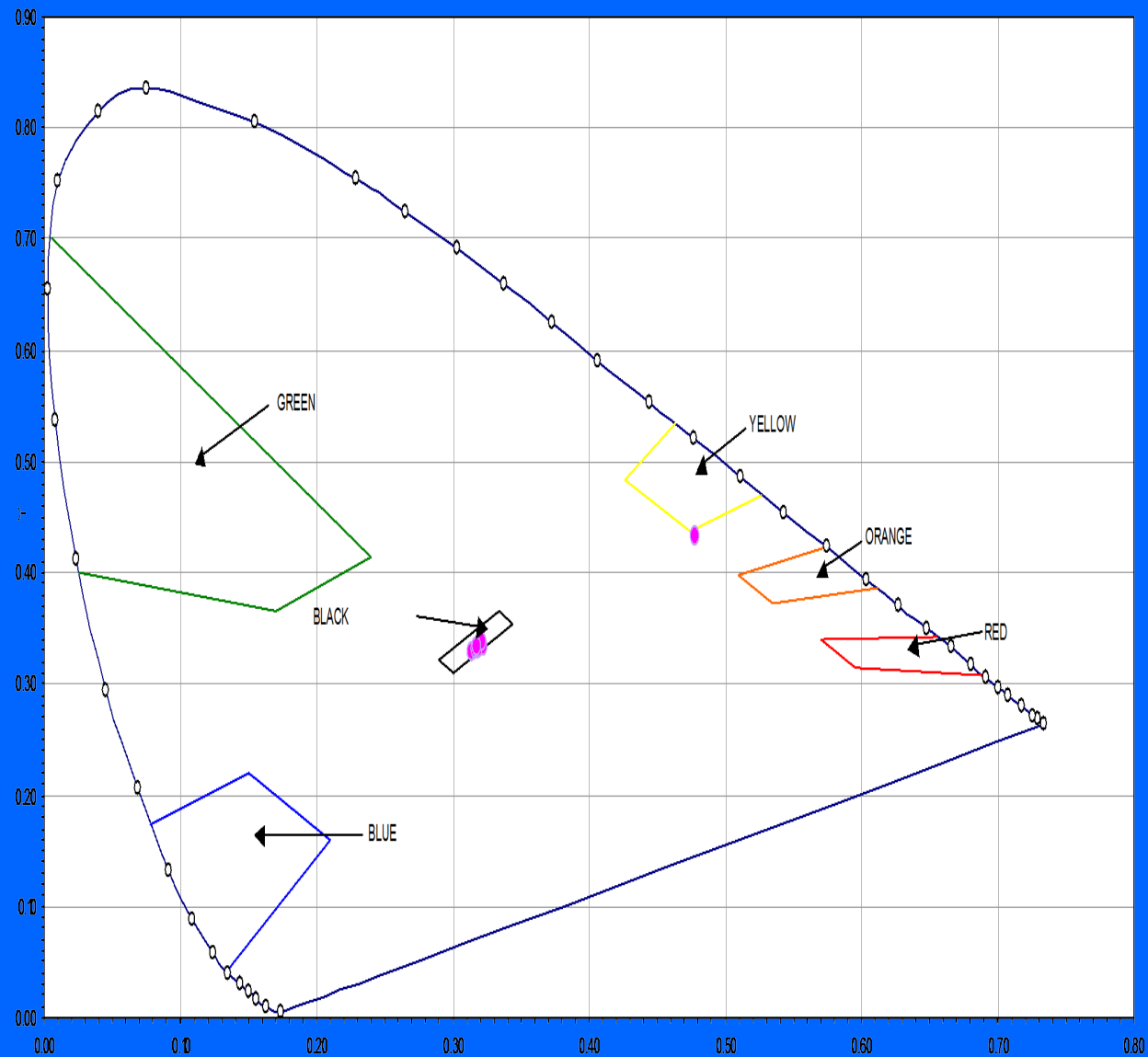


FIGURE 13 COLOURS OF RETROREFLECTING MATERIALS FOR SURFACE MARKINGS

Thermoplastic Marking Material



Thermoplastic Marking Material



Thermoplastic Marking Material Project

- **Pre-Form Thermoplastic Approved for Taxiways**
- **Data collection was complete June 2007**
- **Report was complete May 2008**



Questions or Comments?

Jim.Patterson@faa.gov, Manager, Airport Safety R&D Section

Donald.Gallagher@faa.gov, Visual Guidance Program Mgr.

Holly.Cyrus@faa.gov, Visual Guidance Engineer

Robert.Bassey@faa.gov, Visual Guidance Engineer

Lauren.Vitagliano@faa.gov, Visual Guidance Engineer

www.airporttech.tc.faa.gov

FAA William J. Hughes Technical Center

Airport Safety Technology R&D

ANG-E261, Building 296

Atlantic City International Airport, NJ USA 08405

