

Introduction of the Fuel Cell Mobile Light to the San Francisco International Airport

Lennie Klebanoff, Derek Fliess, Chris Radley,
Mickey Oros, Jennifer Hamilton and Tom Damberger

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Fuel Cell Mobile Light Illuminates Boeing 747 Undergoing Maintenance



Chris Radley (R) and Mickey Oros of Altery Systems deliver the H₂ Fuel Cell Light Tower (H₂LT) to the SFO Equipment Yard. The H₂LT is fitted with 16 Trilliant LED light fixtures from Stray Light Optical Technologies.

Powered by a 5kW PEM Fuel Cell from Altery Systems

Formal Introduction of the Fuel Cell Mobile Light Project and H₂ Safety to SFO Staff



Derek Fliess: SFO Airport Fleet Manager



Lennie Klebanoff (Sandia) describes overall project and H₂LT system.



Chris Radley delivers H₂ Safety presentation with Jenn Hamilton (CaFCP) & Mickey Oros assisting.

Two formal presentations were given:
1.) describing the overall project, the fuel cell market transformation objectives, & the technical details of the H₂LT;
2.) providing H₂ safety information & best practices.



The audience consisted of 25 representatives from SFO Fire Department (including 2 Chiefs), Fleet Services Maintenance Staff, the SFO Environmental Services & Sustainability group, & SFO Safety Staff.





Mickey Oros (Alteryg) led a hands-on tour of the H₂LT, with a description of the fuel cell technology, gaseous H₂ storage, H₂LT operation & LED lighting. SFO employees took the unit “through it’s paces.”



Mickey Oros, Alteryg Systems



Tom Damberger,
Golden State Energy

The H₂LT will be used in maintenance operations (runway, terminal, aircraft), for general area lighting, & special events. H₂ fuel to be provided by the CAFCP H₂ Station, & others (TBA).

Special thanks to Derek Fliess for arranging the meeting & to Tom Damberger (Golden State Energy) for providing technical discussion & photography during the visit!