

UHR Inspection of (3) 16" Jet Fuel System Transfer Lines Harry Reid Las Vegas International Airport

Description:

- Turnkey inspection including sub-cm survey, cleaning pigs, ILI tracking, and UHR MFL inspection. Two of the line were last inspected by Rosen with older RoCombo MFL in 2021 with legacy technology
- Customer desired UHR Data on their pipelines.

Solution:

- **EcoVision™ 16" MFL-A** UHR, GEO, IMU Tool
- Experienced technicians with required DOT PHMSA OQ's.



Background

LAS is one of the busiest travel hubs in the U.S., typically serving over 57 million passengers annually. LAS has a substantial fuel storage system of ~ 500,000 barrels providing 30-35,000 barrels per day of jet fuel with (3) 16" pipelines. Cypress inspected the three pipelines totaling ~ 5.7 miles with its **EcoVision™ 16" MFL-A** UHR, Geo, IMU Tool. Swissport desired a turnkey solution with UHR MFL technology to inspect their .250, .375, and .450 wall API 5L X42 & X52 grade ERW pipelines .

Unexpected challenges

The launchers and receivers required special access. The five-day operation had temperatures exceeded 105 degrees and greater on the asphalt. The flow rates delivered were lower than planned as a result of the upstream pipeline operator.

Summary

Swissport and Argus selected Cypress for a turnkey project including a sub-cm survey, ILI tool tracking, cleaning pigs, gauge plates, to ensure successful inspections of 5.7 miles of (3) 16" jet fuel lines. Our advanced technology, with a sampling rate of 1,408 Hz per second, allowed us to capture 100% of the data with first run success providing them with superior data (400% more) vs. prior ILI vendor.

