



## INSTALLATION EXAMPLE

### AEROSPACE INSTALLATION - Atmospheric

QMI has been at the forefront of engine and machinery space fire protection since the early 1980s and our innovative use of 'nephelometry' in measuring build-up of dangerous and hazardous levels of oil mist in industry is now globally recognised as having saved many fire and hazardous situations occurring.

Initially, QMI systems have been used in the Marine sector where they are installed in Engine Rooms, Hydraulic Areas and Pump Rooms, however they are also installed in land-based applications in the Aviation, Transportation and Power-Generation sectors.

Detailed here is an **Atmospheric installation**.

Skydrol is a high-cost hydraulic fluid which is used widely within the Aviation industry for the testing of parts, however, it is considered to be highly carcinogenic and therefore extra care is taken when it is in use.

The site where our Sensors are used is usually in an unmanned environment where parts are tested over a long period, but where several failures had occurred in pipe work on a test bench.

In order to reduce the large clean-up operations required when these incidences occurred, our customer initially fitted a QMI MULTIPLEX Monitor with 6 Sensors to protect the immediate equipment.

Over time however, more Sensors were later added to the pump room and distribution flanges to widen the area of monitoring.

Our equipment also provided the opportunity to create shutdown zones so if any Sensors in a set zone triggered an alarm, only that area is shut down. This ensured that other test benches would continue to operate.

