

# GNY AIRCRAFT GROUND SERVICE PIT TESTING OF PITS FOR LOAD-BEARING FOR AIRPORT APRON AND HANGER MAINTENANCE FACILITIES

One of the first products designed by our engineers was **the first aluminum fuel hydrant pit cover, capable of withstanding aircraft wheel loads on the ramp.** Since that time in early 1950's, we have designed and manufactured thousands (10,000+) of steel and fiberglass ground service pits, in 22+ different models for fuel, water, preconditioned air, air, air-start and electrical services to aircraft. This covers all requirements of Airports, Airlines, Military, Fueling Service Companies, Oil Companies and Corporates. Larger versions of the pits have been designed and installed for maintenance of isolation valves or for equipment vaults.

## GNY Model 6000 (left) and Model 7038 (right) Proof Load Test

The cover assembly is load-tested and **guaranteed** to withstand a single 200,000-pound (90720 kg) load applied over a 200 square inch (1290cm<sup>2</sup>) tire footprint area placed anywhere on it (1000psi (70.3kg/cm<sup>2</sup>) rating). **This represents a 4 to 1 safety factor.**



## Testing: GNY Model 1463WR - Under Proof Load Test:



The cover assembly (part numbers 6533774 and 6533772(H)) is under load test guarantee to withstand a single 200,000 pound (90720 kg) load applied over a 200 square inch (1290cm<sup>2</sup>) tire footprint area placed anywhere on it (1000psi (70.3kg/cm<sup>2</sup>) rating). **This represents a 4 to 1 safety factor.**

