

AIRCRAFT GROUND SERVICE PIT

MODEL 1463DH-SF

FOR AIRPORT APRON AND HANGER MAINTENANCE FACILITIES



The standard Model 1463DH-SF pit consists of a two-piece cast aluminum cover assembly, part 6533962 and 6533772H and

One-piece Steel Bottom shell, having a bottom entrance.

Steel Bottom Shell equipped with four metal anchors.

“Water Resistant” feature equipped with Flat Gasket on outer cover assy. and “O”-ring in inner cover, a dual seals, sealing outer-cover and inner-cover assy.

APPLICATIONS:

MAINTENANCE AND ACCESS

FUEL HYDRANT

HIGH POINT VENT

LOW POINT VENT

COMBINATION VENT/DRAIN

SUMP

BILL OF MATERIALS

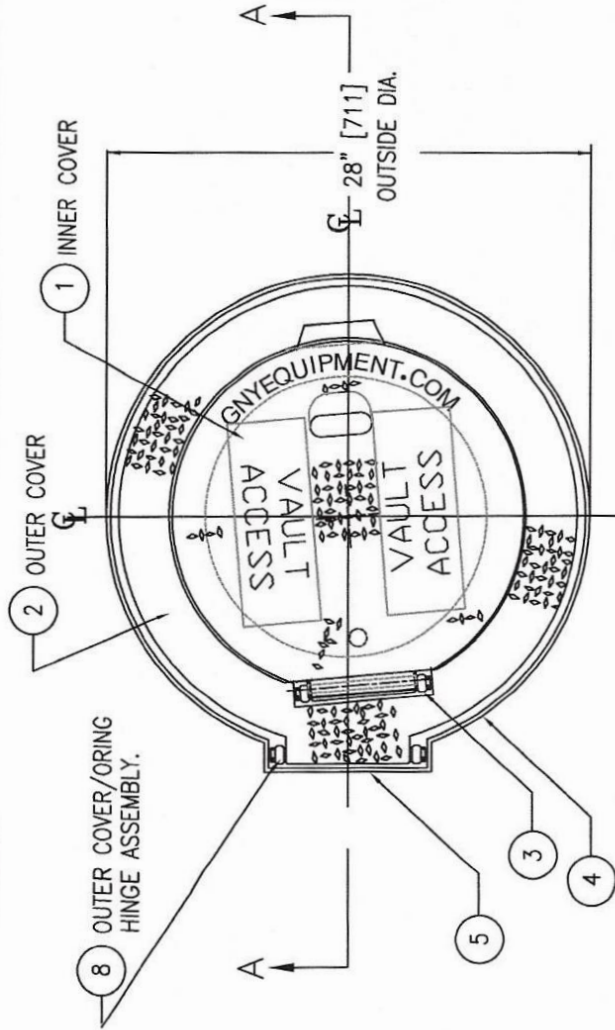
ITEM	QTY	PART NO.	DESCRIPTION
1	1	GNV653962-07	COVER, MODEL OUTER DOUBLE HINGE CASTING, ALUMINUM
2	1	GNV653372H-07	COVER, INNER COVER VAULT ACCESS
3	1	GNVCOVER-877-ASSY	INNER COVER HINGE KIT WITH ORING & SPACER ASSY
4	1	GNVDBLHNG-27.25	DOUBLE HINGE 27.25 ROOLED ANGLE RING
5	1	GNV6533965-05-08-Y	POCKET ASSEMBLY
6	1	BW-SKIRT24.25IDL	STEEL SKIRT
7	4	GNV653397-2	ANCHOR BARS
8	1	GNV6533963-Y	OUTER COVER HINGE & ORING KIT
9	1	GNV1463-HNG-SEAL	SEAL FOR INNER COVER 3/8" NEOPHRENE
10	1	GNV6533371-A	BUNA N- RING GASKET FOR OUTER COVER

TEST NOTES:

1. CERTIFIED TEST LOAD
2. TEST LOAD TO BE APPLIED ON 11.74 x 18.6 PRINT AREA = (200 SQ. IN.)
3. RATED LOAD = 200 P.S.I.
4. PROOF LOAD = 1000 P.S.I.
5. STATISTICAL TEST PER MIL-STD-105
6. SUITABLE FOR A380 AND 747 LOADING

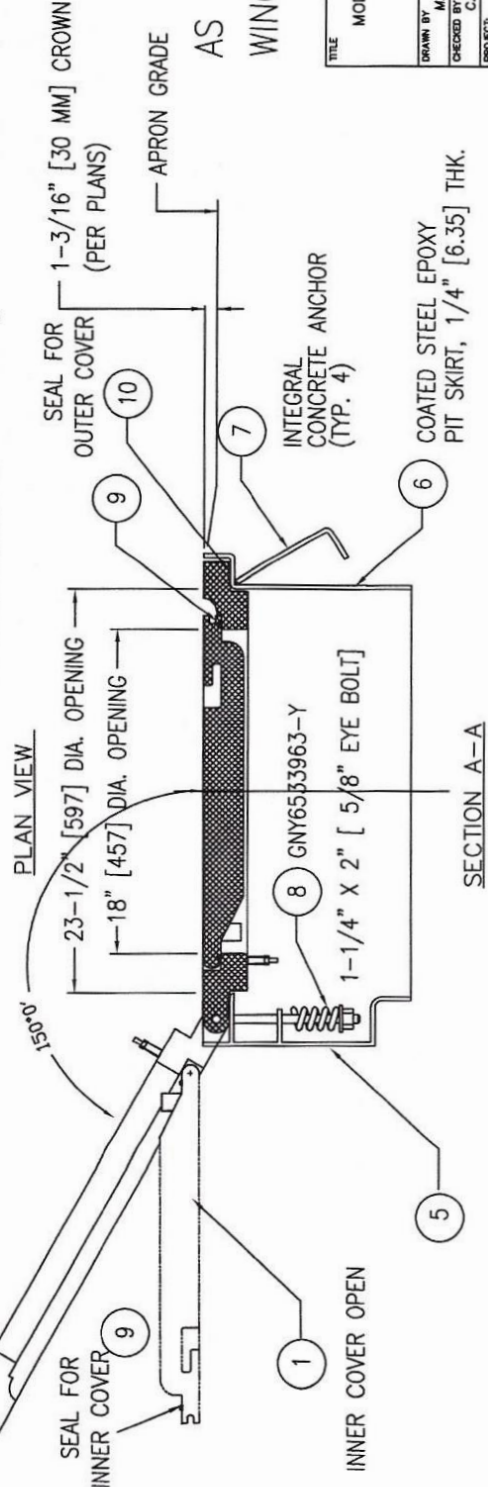
GENERAL NOTES

1. ALL COVERS WITH NON-SKID SURFACE
2. ALL COVERS 712 CAST ALUMINUM CONFORMING TO QQ-A-601F



COATED STEEL PIT LINER, 1/4" [6] THK.

CAST ALUMINUM, GASKETED, "DOUBLE-HINGE" COVER ASSEMBLY (COMPLETELY REMOVABLE), RATED FOR AIRCRAFT WHEEL LOADS (PORTION OF DOOR UNDERSIDE TO BE PAINTED SAFETY ORANGE)



AS BUILT FOR PT:1753
WINDGOME, TAIWAN

GNV EQUIPMENT, INC 20 Dressed Oaks Bay Shore, New York 11706 Telephone: (800) 273-4940 Fax: (800) 270-0018 E-mail: gnyequip@gnvequipment.com	
TITLE MODEL 1463-DH-SF-VA VAULT ACCESS PIT	DRAWN BY M. VILLANUEVA DATE 20 JUNE 18
CHECKED BY C.F. CREAMER DATE 20 JUNE 18	PROJECT TAO YUAN AIRPORT, T3
SCALE 1:1	REV. DWG. # M1463-DH-SF-VA

GNY 1463 DOUBLE HINGED COVER



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 (1290cm²) tire footprint area placed anywhere on it (1000psi (70.3kg/cm²) rating). **This represents a 4 to 1 safety factor.**



Testing: GNY Model 1463DH - 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 (1290cm²) tire footprint area placed anywhere on it (1000psi (70.3kg/cm²) rating). **This represents a 4 to 1 safety factor.**

