Significant RETF Assets

April 2, 1997

Mechanical Items:

A-Stand

D - H-51, 5000psi, 1000gal, VJ LH2 Tank
C - H-53, 1500psi, 1300gal, VJ LH2 Tank
K - 8-Ball, 1500psi, 1300gal, H2O Tank
H - 5000psi, 400gal, LN2 Jacketed, LOX Tank, with weigh system
G - 1500psi, 400gal, LN2 Jacketed, LOX Tank, with weigh system
J - 5000psi, 600gal, hydrocarbon fuel tank
L - 5000psi, 600gal, H2O tank
Misc. stainless steel replacement spray bar manifolds for exhaust scrubber

B-Stand

14in and 16in 150psi air driven ejector vacuum pumping system
12ft dia. Water spray condenser tank
36in dia water cooled exhaust diffuser
10ft dia vacuum test cell
Stokes 412h-10 vacuum pump

C-Stand

AO - 400gal, 500psi insulated LOX tank
50ft vent tower, with misc vent lines attached

RETF Misc

A - 400kscf, 4000psi, GH2 Bottle farm
B, N - 400kscf, 6000psi, GN2/GHe/GH2 Bottle farm
E - 160kscf, 4000psi, GHe bottle farm
AF - 400kscf, 4000psi, GN2 bottle farm
F - 200kscf, 3000psi, GN2 bottle farm
10x8x17 1300gpm, 173ft, H2O pump, 125HP, 2300VAC
Old, 2 stage, H2O pump, 450HP, 2300VAC, 1450GPM
Old, 2 stage, H2O pump, 250HP, 2300VAC, 650GPM
3000psi, 30gpm, Hydraulic pump package - 2 each
20ft x 40ft Pole barn storage building
Misc high pressure LOX, LH2, GH2, GN2, GOX valves, up to 2500lb, 1 in to 4 inch
Misc VJ LH2 shutoff valves, 2 to 4 inch
Breathing air purifier, Hankison
50ft pipe bridge
AK - 300gal LN2 storage dewar

Upper Propellant support area

LV19, 4000psi LH2 pump and vaporizer
6000psi Haskell GHe Compressor
3 CO2 Supply tank/trailers for fire suppression
S - H-54, 18000gal, 125psi LH2 storage VJ dewar
P - N-83, 23000gal, 150psi LN2 storage VJ dewar
AM - 11kscf, 2800psi, GN2 bottle farm
AN - 13kscf, 1500psi, GHe bottle farm
AI - 6000psi LN2 pump and vaporizer

RETF Misc Electrical

Power Conditioner: Liebert, 30KVA, 480-208V/120V
Motor Control Center: GE Model 8000, 480V, 600A · 2ea
Power Transformer: 1000KVA, 2300V Pri, 480V sec.
Substation Switchgear: GE, 480V, 1600A Bus
Data Acquisition System (DDAS): Neff/DEC, 200 channel
Electrical Cabinets: 19 in., EMCOR, 60 in · 18 ea., 76 in · 20ea., 84 in · 24 ea.
Transformer: 45KVA, 480 · 208/120V · 3 ea.
Transformer: 75KVA, 480 · 208/120V