

## 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