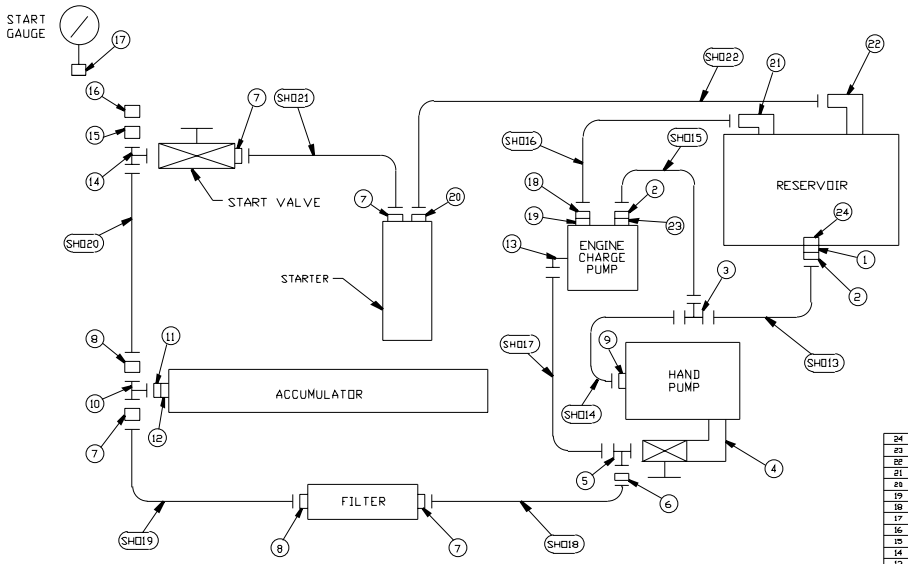
| DRAWING NO. | SHT | REV |
|---|---|---|
| 826130CG | 1 | – |

REVISIONS

| ZONE | REV | DESCRIPTION | DATE | APPROVED |
|---|---|---|---|---|
| | | | | |

NOTE: HOSE LENGTH REFERS TO LENGTH OF COMPLETED ASSEMBLY




# STARTING SYSTEM HYDRAULIC SCHEMATIC

| | | | | | |
|---|---|---|---|---|---|
| SH022 | 1A6F.J8 | GH793-8 | 58.5 | 1A6F.J8 | 8500 |
| SH021 | 1A6F.J6 | GH793-6 | 22.5 | 1A6F.J6 | 10000 |
| SH020 | 1A6F.J6 | GH793-6 | 51.5 | 1A6F.J6 | 10000 |
| SH019 | 1A6F.J4 | GH793-4 | 15.0 | 1A6F.J4 | 11500 |
| SH018 | 1A6F.J4 | GH793-4 | 17.3 | 1A6F.J4 | 11500 |
| SH017 | 1A6F.J4 | GH793-4 | 32.25 | 1A6F.J4 | 11500 |
| SH016 | 1A6F.J6 | GH793-6 | 49.0 | 1A6F.J6 | 10000 |
| SH015 | 1A6F.J8 | GH793-8 | 32.0 | 1A6F.J8 | 8500 |
| SH014 | 1A6F.J8 | GH793-8 | 28.0 | 1A6F.J8 | 8500 |
| SH013 | 1A6F.J8 | GH793-8 | 36.5 | 1A6F.J8 | 8500 |
| HOSE NO | "A" END FITTING | HOSE | LENGTH | "B" END FITTING | TEST PRESSURE |

HPU STARTING SYSTEM HOSE LIST (AEROQUIP OR EQUAL)

| FIND NO. | QTY REQD | CAGE CODE | PART OR IDENTIFYING NO. | NOMENCLATURE OR DESCRIPTION | MATERIAL OR NOTE |
|---|---|---|---|---|---|
| 24 | 1 | 5E240 | 5404-08-08 | PIPE NIPPLE | |
| 23 | 1 | 5E240 | 2501-08-06 | 90 DEGREE MALE ELBOW | |
| 22 | 1 | 5E240 | 6801-08-08-NVD | 90 DEGREE POSITIONABLE ELBOW | |
| 21 | 1 | 5E240 | 6801-06-08-NVD | 90 DEGREE POSITIONABLE ELBOW | |
| 20 | 1 | 5E240 | 2404-08-06 | STRAIGHT ADAPTER, MALE | |
| 19 | 1 | 5E240 | 2404-06-04 | STRAIGHT ADAPTER, MALE | |
| 18 | 1 | 5E240 | 6500-06-06 | 90 DEGREE SWIVEL ELBOW | |
| 17 | 1 | 5E240 | 2405-04-04 | STRAIGHT ADAPTER, FEMALE | |
| 16 | 1 | 5E240 | 2406-06-04 | TUBE REDUCER | |
| 15 | 1 | 5E240 | 6500-06-06 | 90 DEGREE SWIVEL ELBOW | |
| 14 | 1 | 5E240 | 2601-06-06-06 | SIDE TEE, MALE | |
| 13 | 1 | 5E240 | 2501-06-04 | 90 DEGREE MALE ELBOW | |
| 12 | 1 | 5E240 | 5406-12-06 | PIPE BUSHING | |
| 11 | 1 | 5E240 | 5404-06-06 | PIPE NIPPLE | |
| 10 | 1 | 5E240 | 5605-06-06-06 | PIPE TEE, FEMALE | |
| 9 | 1 | 5E240 | 2501-08-06 | 90 DEGREE MALE ELBOW | |
| 8 | 2 | 5E240 | 2404-06-06 | STRAIGHT ADAPTER, MALE | |
| 7 | 4 | 5E240 | 2501-06-06 | 90 DEGREE MALE ELBOW | |
| 6 | 1 | 5E240 | 6502-06-06 | 45 DEGREE SWIVEL ELBOW | |
| 5 | 1 | 5E240 | 2605-06-04-06 | RUN TEE, MALE | |
| 4 | 1 | 5E240 | 5500-06-04 | 90 DEGREE PIPE ELBOW, MALE | |
| 3 | 1 | 5E240 | 2603-08-08-08 | TUBE TEE | |
| 2 | 2 | 5E240 | 6502-08-08 | 45 DEGREE SWIVEL ELBOW | |
| 1 | 1 | 5E240 | 6401-08-08 | STRAIGHT CONNECTOR | |

PARTS LIST

**HIGHSTAR INDUSTRIAL TECHNOLOGIES**
5301-A BALLARD AVENUE, PORTSMOUTH, VA 23701

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND DEGREES
GENERAL TOLERANCES

| .X DECIMAL | .XX DECIMAL | .XXX DECIMAL | ANGLE |
|---|---|---|---|
| ±.08 | ±.03 | ±.010 | ±.2° |

REMOVE BURRS AND BREAK SHARP EDGES .03 MAX
MOLD ELEMENT # DR. AAA
SURFACE ROUGHNESS 125
MACHINE ± 1/16

MATERIAL
N/A

| | |
|---|---|
| DESIGNED: | L MURPHY |
| DRAWN: | D OLSON |
| TRACED: | |
| CHECKED: | L MURPHY |
| REVIEWED BY | |
| APPROVED BY. | CARY VAN MOURIK |

G-SIZE: D
END FILE NO: 6130-1-CG
DATE: 2-10-97

**U.S. COAST GUARD HEADQUARTERS**
**CIVIL ENGINEERING**

MODEL 82647CG HVPU
STARTING SYSTEM
SCHEMATIC

| SIZE | CAGE CODE | DRAWING NO. | REV |
|---|---|---|---|
| D | OMWHO | 826130CG | — |

SCALE: NONE SHEET 1 OF 1 CADD