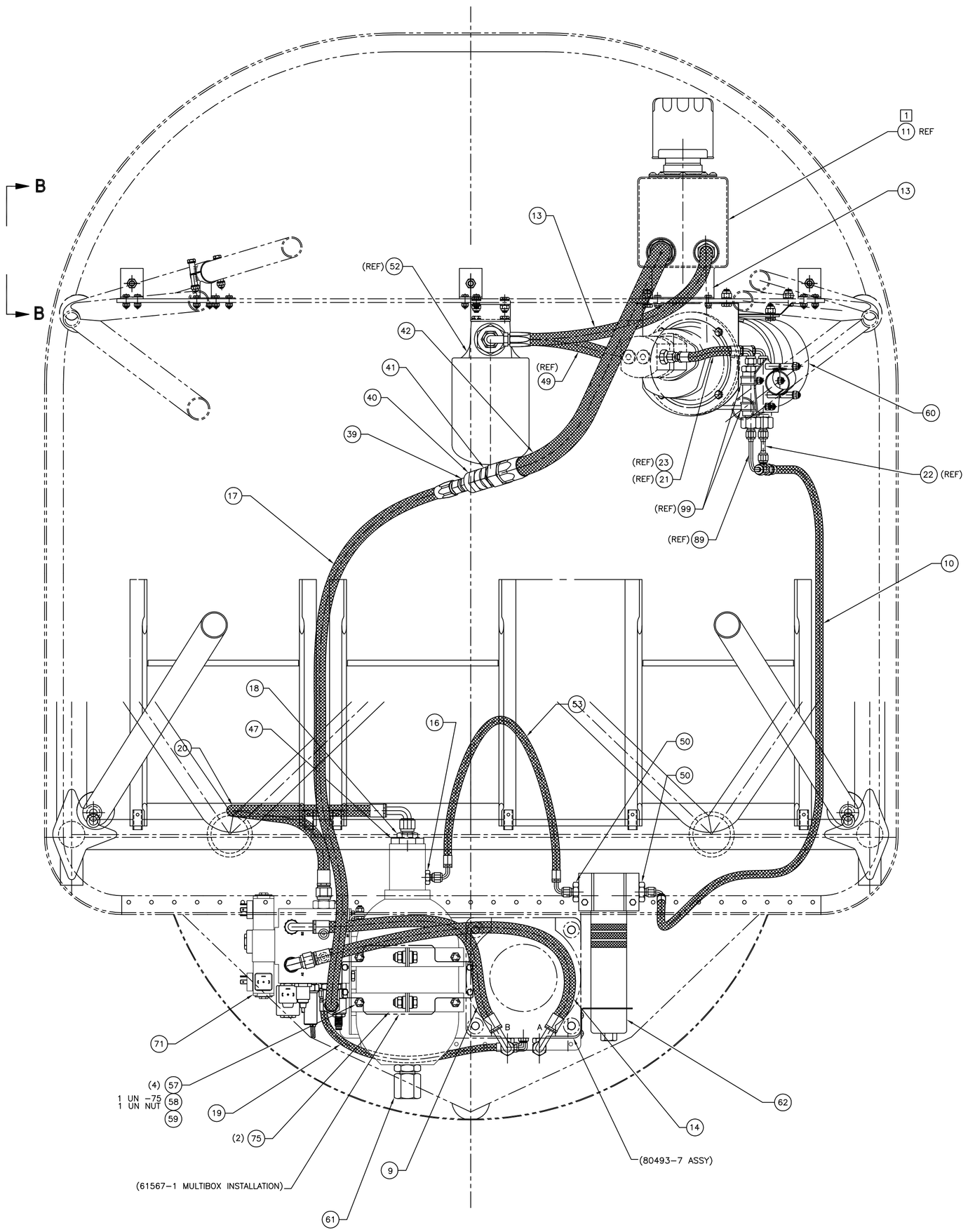
| | | | |
|---|---|---|---|
| 1 | OK TO USE PARTS MADE | 4 | NOW SHOP PRACTICE |
| 2 | PARTS MAY BE REWORKED | 5 | SCRAP EXISTING PARTS NOTED |
| 3 | RECORD CHANGE | | |

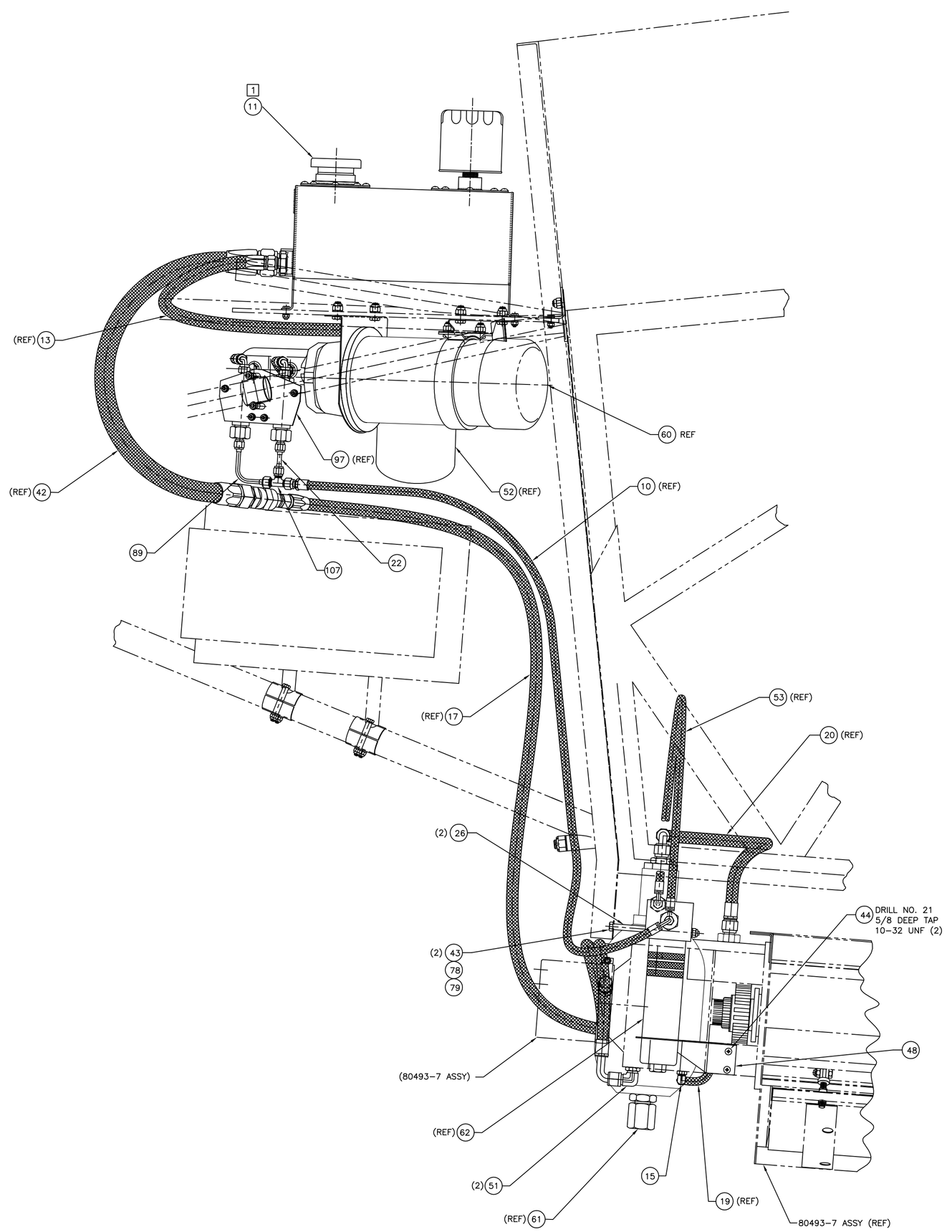
80577
SHEET 13

| LETTER | EFFECTIVITY | CHANGE DESCRIPTION | REF | DATE | BY | CHECKED |
|---|---|---|---|---|---|---|
| | | | ☐ | | | |

## ☐ NOTE

1. THE HYDRAULIC SYSTEM USES CONOCO SUPER HYDRAULIC OIL 68 OR EQUIVALENT. FILL TO FULL MARK ON DIPSTICK.
2.
3. THIS INSTALLATION (80577-7, SHEET 13 & 14) IS EFFECTIVE ON S/N 802-0283 AND SUBS.
   80577-1, (SHEET 1 & 2) IS EFFECTIVE ON S/N 802-0001 – 0032.
   80577-2, (SHEET 3 & 4) IS EFFECTIVE ON S/N 802-0033 – 0065.
   80577-3, (SHEET 5 & 6) IS EFFECTIVE ON S/N 802-0066 – 0104.
   80577-4, (SHEET 7 & 8) IS EFFECTIVE ON S/N 802-0105 – 0225.
   80577-5, (SHEET 9 & 10) IS EFFECTIVE ON S/N 802-0226 – TBD. MAY RETROFIT TO 0001.
   80577-6. (SHEET 11) IS EFFECTIVE FOR S/N 802-0288 ONLY.
   80577-7, (SHEET 13 & 14) IS EFFECTIVE ON S/N 802-TBD – SUBS.
   80577-21, (SHEET 21 & 22 IS EFFECTIVE ON S/N 1002-0001 – SUBS.
4.
5. ALT. FOR -75 BRKT IS PARKER-HANNIFIN P/N 1449080000.
6. 83224-21 HONOR PUMP ASSEMBLY IS AN ALTERNATE PUMP ASSEMBLY FOR 83224-1.
7. -61 ACCUMULATOR IS MARINE GRADE EQUIVALENT OF PARKER P/N BA01B3T01 ALTERNATE ACCUMULATOR P/N IS A131003XS (ACCUMULATORS, INC.).




| | ITEM | PART NUMBER | NO. REQ. | PART NUMBER | NO. REQ. | DESCRIPTION | SIZE | SPEC. | ZONE | NO. REQ. | NEXT ASSEMBLY | MODEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | OPPOSITE ASSEMBLY | | SHOWN ASSEMBLY | | MATERIAL | | | | | | |
| | 107 | | | 2033-4-4S | 1 | TEE (AEROQUIP) | | | | | | |
| | 106 | | | | | | | | | | | |
| | 105 | | | | | | | | | | | |
| | 104 | | | | | | | | | | | |
| | 103 | | | AN4-21A | 2 | BOLT | | | | | | |
| | 102 | | | | | | | | | | | |
| | 101 | | | | | | | | | | | |
| | 100 | | | 90015-6 | 4 | SCREW | | | | | | |
| | 99 | | | MS21919DG10 | 4 | CLAMP | | | | | | |
| | 98 | | | | | | | | | | | |
| | 97 | | | 83270-2 | 1 | PLATE | | | | | | |
| | 96 | | | 52204-1 | 1 | CLAMP | | | | | | |
| | 95 | | | 6C4EM-EF5 | 2 | CHECK VALVE (SNAP-TITE) | | | | | | |
| | 94 | | | | | | | | | | | |
| | 93 | | | | | | | | | | | |
| | 92 | | | | | | | | | | | |
| | 91 | | | | | | | | | | | |
| | 90 | | | | | | | | | | | |
| | 89 | | | 83264-1 | 1 | TUBE ASSEMBLY | | | | | | |
| | 88 | | | | | | | | | | | |
| | 87 | | | | | | | | | | | |
| | 86 | | | | X | SEE SHEET 21 AND 22 | | | | 1 | 83090 | 1002F |
| | 85 | | | 6041H201 | 1 | RELAY (EATON) (REF MS24166-D2) | | | | | | |
| | 84 | | | MS25171-2S | 2 | BOOT | | | | | | |
| | 83 | | | 51631-1 | 1 | PLACARD | | | | | | |
| | 82 | | | | | | | | | | | |
| | 81 | | | | | | | | | | | |
| | 80 | | | AN365-428 | 6 | NUT | | | | | | |
| | 79 | | | MS21044C4 | 2 | NUT | | | | | | |
| | 78 | | | AN960-416 | AR | WASHER | | | | | | |
| | 77 | | | AN5-7A | 4 | BOLT | | | | | | |
| | 76 | | | AN365-624 | 4 | NUT | | | | | | |
| 5 | 75 | | | 1449080000-SS | 2 | ACCUM. MTG. BRKT. (TROTTER CONTROLS) | | | | | | |
| | 74 | | | AN960-616 | 4 | WASHER | | | | | | |
| | 73 | | | AN6-7A | 4 | BOLT | | | | | | |
| | 72 | | | | | | | | | | | |
| | 71 | | | 81424-4 | 1 | HYD. MANIFOLD INSTALLATION | | | | | | |
| | 70 | | | | | | | | | | | |
| | 69 | | | | | | | | | | | |
| | 68 | | | AN365-1032 | 12 | NUT | | | | | | |
| | 67 | | | AN960-10 | AR | WASHER | | | | | | |
| | 66 | | | AN3-6A | 4 | BOLT | | | | | | |
| | 65 | | | | | | | | | | | |
| | 64 | | | | | | | | | | | |
| | 63 | | | | | | | | | | | |
| | 62 | | | 15P210CM250MM1 | 1 | FILTER (HP) (PARKER) | | | | | | |
| 7 | 61 | | | A131003XS | 1 | ACCUMULATOR, STAINLESS/EPOXY DIPPED MARINE GRADE (ACCUMULATORS, INC.) | | | | | | |
| 6 | 60 | | | 83224-1 | 1 | HYDRAULIC PUMP ASSY (HYDRECO PUMP) | | | | | | |
| | 59 | | | MS21044C5 | 8 | NUT | | | | | | |
| | 58 | | | AN960C516 | AR | WASHER | | | | | | |
| | 57 | | | AN5C5A | 4 | BOLT | | | | | | |
| | 56 | | | | | | | | | | | |
| | 55 | | | | | | | | | | | |
| | 54 | | | | | | | | | | | |
| | 53 | | | 80507-2 | 1 | HOSE ASSEMBLY | | | | | | |
| | 52 | | | 83230-1 | 1 | FILTER ASSY | | | | | | |
| | 51 | | | C5515X8 | 2 | ELBOW (WEATHERHEAD) | | | | | | |
| | 50 | | | AN919-16 | 2 | REDUCER WITH MS28778-12 O-RING | | | | | | |
| | 49 | | | 80507-26 | 1 | HOSE ASSEMBLY | | | | | | |
| | 48 | | | 80783-1 | 1 | FILTER SUPPORT | | | | | | |
| | 47 | | | AN893-18J | 1 | BUSHING W/MS28778-20 O-RING | | | | | | |
| | 46 | | | | | | | | | | | |
| | 45 | | | | | | | | | | | |
| | 44 | | | 90015-7 | 2 | SCREW | | | | | | |
| | 43 | | | AN4-50A | 2 | BOLT | | | | | | |
| | 42 | | | 80507-17 | 1 | HOSE ASSEMBLY | | | | | | |
| | 41 | | | C5205x16x12 | 1 | CONNECTOR (WEATHERHEAD) | | | | | | |
| | 40 | | | C3309x12 | 1 | COUPLER (WEATHERHEAD) | | | | | | |
| | 39 | | | C5205x8x12 | 1 | CONNECTOR (WEATHERHEAD) | | | | | | |
| | 38 | | | | | | | | | | | |
| | 37 | | | | | | | | | | | |
| | 36 | | | | | | | | | | | |
| | 35 | | | | | | | | | | | |
| | 34 | | | 90015-10 | 2 | SCREW | | | | | | |
| | 33 | | | POLM-120 | 1 | CIRCUIT BREAKER (TEXAS INSTRUMENTS) | | | | | | |
| | 32 | | | | | | | | | | | |
| | 31 | | | | | | | | | | | |
| | 30 | | | | | | | | | | | |
| | 29 | | | | | | | | | | | |
| | 28 | | | | | | | | | | | |
| | 27 | | | | | | | | | | | |
| | 26 | | | 80545-2 | 2 | BUSHING | | | | | | |
| | 25 | | | | | | | | | | | |
| | 24 | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | 23 | | | 80507-33 | 1 | HOSE ASSEMBLY | | | | | | |
| | 22 | | | 80854-1 | 1 | TUBE ASSEMBLY | | | | | | |
| | 21 | | | 80507-32 | 1 | HOSE ASSEMBLY | | | | | | |
| | 20 | | | 80507-14 | 1 | HOSE ASSEMBLY | | | | | | |
| | 19 | | | 80507-28 | 1 | HOSE ASSEMBLY | | | | | | |
| | 18 | | | 202702-8-8S | 1 | STRAIGHT FITTING (AEROQUIP) | | | | | | |
| | 17 | | | 80507-15 | 1 | HOSE ASSEMBLY | | | | | | |
| | 16 | | | C5205x4x4 | 1 | ADAPTER (WEATHERHEAD) | | | | | | |
| | 15 | | | C5515x4 | 1 | ELBOW (WEATHERHEAD) | | | | | | |
| | 14 | | | 80507-30 | 1 | HOSE ASSEMBLY | | | | | | |
| | 13 | | | 80507-34 | 1 | HOSE ASSEMBLY | | | | | | |
| | 12 | | | | | | | | | | | |
| | 11 | | | 81759-7 | 1 | TANK ASSY | | | | | | |
| | 10 | | | 80507-3 | 1 | HOSE ASSEMBLY | | | | | | |
| | 9 | | | 80507-29 | 1 | HOSE ASSEMBLY | | | | | | |
| | 8 | | | | | | | | | | | |
| 3 | 7 | | | 80577-7 | ✓ | INSTALLATION | | | | 1 | 80540 | 802F |
| | 6 | | | | | | | | | | | |
| 3 | 5 | | | | X | SEE SHEET 9 AND 10 | | | | | | |
| 3 | 4 | | | | X | SEE SHEET 7 AND 8 | | | | | | |
| 3 | 3 | | | | X | SEE SHEET 5 AND 6 | | | | | | |
| 3 | 2 | | | | X | SEE SHEET 3 AND 4 | | | | | | |
| 3 | 1 | | | | X | SEE SHEET 1 AND 2 | | | | | | |

REMOVE ALL BURRS AND SHARP CORNERS
WELD
FINISH NONE
HEAT TREAT
ACT. WT. CALC. WT.

DRAWN MS DATE 1/20/08 CHECKED LS
APPROVED EFFECTIVITY 802-0TBD

TOLERANCES EXCEPT AS NOTED
ANGLES ±/- 0.5 DEG
FRACTIONS ±/- 1/64
.XX ±/- .030
.XXX ±/- .010
.XXXX ±/- .001
ON LED HOLES
OVER 0 TO 48 INCL +.003 -.001
OVER 48 TO 120 INCL +.005 -.001
OVER 120 TO 300 INCL +.008 -.001

SNOW ENGINEERING CO.
Wichita Falls, Texas

TITLE HYDRAULIC SYSTEM INSTALLATION

SCALE 1/5 REV.
SIZE D
DRAWING NUMBER 80577 SHEET 13