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| 4 | 3 | 2 | 1 | | | | | | |
| D | REVISIONS | | | | | | | | |
| | <u>FILE NAME</u> | <u>SIZE</u> | LTR. | DESCRIPTION | DATE | APPR. | | | |
| | | | | RELEASED, VERSION 1.0 | | | | | |
| | | | A | REVISED PER ECO E13320 VER 1.10 | 5/13/08 | JDG3 | | | |
| | | | B | REVISED PER ECO E14081 VER 1.20 | 12/8/08 | JDG3 | | | |
| | P178V121.hex | 28528 B | C | REVISED PER ECO E14326 VER 1.21 | 2/13/09 | JDG3 | | | |
| | P178V123.hex | 28434 B | D | REVISED PER ECO E14722 VER 1.23 | 6/1/09 | JDG3 | | | |
| C | | | | | | | | | |
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| A | <u>UNLESS OTHERWISE SPECIFIED</u> | | | RAVEN | | INDUSTRIES, INC SIOUX FALLS, SOUTH DAKOTA | | | |
| | DRAWN | JRY | 1/15/08 | | | | | | |
| | CHECKED | | | | | | | | |
| | DIMENSIONS ARE IN INCHES ONE PLACE DECIMALS ±.06 TWO PLACE DECIMALS ±.03 THREE PLACE DECIMALS ±.010 FRACTIONS ± 1/16 ANGLES ± 0°-30° BREAK EDGES .005-.015 | | | PROJ. ENG. | JDG | 4/7/08 | TITLE SOFTWARE SPECIFICATIONS, NODE, CAN ACCUBOOM CONTROL | | |
| | MATERIAL | | | DATE STAMP | | | | | |
| | FINISH | | | RELEASE FOR PRODUCTION | | | CODE IDENT. NO. | SIZE | DRAWING NUMBER |
| | | | | NUMBER | APPROVED | DATE | 14979 | A | 077-0159-178 |
| | DO NOT SCALE DRAWING | | | E12767 | JDG | 4/7/08 | SCALE | NA | SHEET 1 OF 2 |
| | 4 | 3 | 2 | 1 | | | | | |

AccuBoom Node Firmware Release Notes

Version: 1.23

1. Modified so the heartbeat from the console is not required to increment to fix issues with multiple consoles on the CAN bus.

Version: 1.21

1. Fixed PWM pin glitch causing boom outputs to be grounded when there is no communication with a CAN console.

Version: 1.20

1. Updated software for Remote Section Control capability.
2. Fixed bug so that boom outputs would not be grounded after power drop.

Version: 1.10

1. Added ability to read speed with boom sense functionality disabled.
2. Updated to improve CAN communications with CAN field computer.
3. Reinitialized CAN upon power drop.

Version: 1.00

1. Original release software.

| CODE IDENT. NO. | SIZE | DRAWING NUMBER |
|-----------------|------|----------------|
| 14979 | A | 077-0159-178 |
| SCALE | NA | SHEET 2 OF 2 |