

**(C1) Craft 60-Ton Portal Crane Mandatory Alterations**

Mandatory Number	Classification	Date Issued	Title
N3258A-C1-115A	Delayed -B	8/29/14	Alteration to Main, Whip, & Luff Hoist Secondary Brake Operations
N3258A-C1-115	Delayed -B	8/11/14	
N3258A-C1-114A	Delayed - A	2/21/2013	Replacement of Drum Brake Control Relay
N3258A-C1-114	Delayed - A	1/23/2013	Replacement of Drum Brake Control Relay
N3258A-C1-113	When Needed	10/16/12	Alteration of M and DB Contactors
N3258A-C1-112	When Needed	6/20/12	Alteration of M and DB Contactors
N3258A-C1-111	When Needed	3/29/12	Addition of center collector brush rigging cage spacers
N3258A-C1-110	When Needed	4/22/11	Replacement of ancillary power transfer switch
N3258A-C1-097A	When Needed	3/24/11	Replacement of field controller (FCCD)
N3258A-C1-109	When Needed	2/14/11	Documentation of as-built variance of caliper disc brake high pressure filter
N62472-C1-023B	When Needed	1/9/09	Modification of brush holders
N3258A-C1-108	Delayed - C	1/31/08	Alteration to the rotate drive software logic
N3258A-C1-107	When Needed	8/28/07	Replacement of field loss relays - travel drive
N3258A-C1-106	When Needed	8/28/07	Replacement of field loss relays - rotate drive
N3258A-C1-105	When Needed	8/28/07	Replacement of field loss relays - main & luff hoist drives
N3258A-C1-104	When Needed	8/28/07	Replacement of field loss relays - whip hoist drive
N3258A-C1-102A	When Needed	6/7/07	Alteration of junction box connections for 500 MCM cables
N3258A-C1-089B	Delayed-30 day	3/23/07	Addition of separate encoders power supply
N3258A-C1-103	When Needed	3/21/07	Replacement of ramp accumulators
N3258A-C1-089A	Delayed-30 day	3/21/07	Addition of separate encoders power supply
N62472-C1-072A	When Needed	3/5/07	Replacement of battery charger
N3258A-C1-102	Delayed - B	1/5/07	Alteration of junction box connections for 500 MCM cables
N3258A-C1-100A	Delayed - B	11/30/06	Replacement of BSDS boards to rev "D"
N3258A-C1-101	When Needed	9/27/06	Documentation (as-built variance) of an incorrect part number assigned to the boom hoist limit switch
N3258A-C1-096A	Delayed - B	5/5/06	Removal of BSDS Rev C resistors
N3258A-C1-100	Delayed - B	4/7/06	Replacement of BSDS boards to rev "D"
N3258A-C1-099	Delayed - B	4/7/06	Removal of BSDS diodes and potentiometers
N3258A-C1-098	Delayed - B	1/27/06	Alteration of drum brake release
N3258A-C1-097	When Needed	1/27/06	Replacement of brake rectifiers
N3258A-C1-096	Delayed - B	5/5/05	Removal of BSDS Rev C resistors
N3258A-C1-095	When Needed	4/1/05	Replacement of control panel processors
N3258A-C1-094	Delayed - B	3/31/05	Alteration to BSDS pump motor fuses
N3258A-C1-093	Delayed - B	3/31/05	Removal of travel overspeed switch

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N3258A-C1-092	Delayed - A	12/9/04	Removal of fuse
N3258A-C1-091	Delayed - B	8/11/04	Replacement of 1.0 ampere fuses
N3258A-C1-090	Delayed - B	7/21/04	Alteration of PC task CML_RUN ladder sequencing
N3258A-C1-089	Delayed - A	7/21/04	Addition of Separate Encoder Power Supply
N3258A-C1-088	Delayed - B	1/7/04	Replacement of drum brake fuse (F6)
N3258A-C1-087	Delayed - B	7/22/02	Rearrangement of fault timers for comparative functions
N3258A-C1-081A	Delayed - B	6/4/02	Alteration of caliper disc brake actuator jam nut configuration
N3258A-C1-075A	When Needed	11/19/01	Addition of grounding filter to S+ and S- input to electronic overload relays
N62472-C1-070A	Delayed - B	11/14/01	Alteration of luff hoist lower limit bypass switch
N3258A-C1-086	When Needed	11/14/01	Replacement of drum brake motor encoder coupling
N3258A-C1-085	Delayed - B	4/10/01	Alteration of instantaneous trip settings
N3258A-C1-084	Delayed - B	8/8/00	Alteration of drum brake hydraulic system pressures
N3258A-C1-083	Site Specific	7/3/00	Installation of 95% load alarm with hoist lockout for main and whip hoists
N3258A-C1-082	Site Specific	6/6/00	Addition of Wylie W1250 LMI system
N62472-C1-027D	Site Specific	6/2/00	Installation of 95% load alarm with hoist lockout for main and whip hoists
N3258A-C1-081	Delayed - B	5/11/00	Alteration of caliper disc brake actuator jam nut configuration
N3258A-C1-080	When Needed	4/4/00	Replacement of field loss relays
N3258A-C1-075	When Needed	3/31/00	Addition of grounding filter to S+ and S- input to electronic overload relays
N3258A-C1-079	When Needed	3/27/00	Replacement of air compressor
N3258A-C1-078	Delayed - B	3/10/00	Addition of key switches for drum brake cage-out and for testing of emergency lowering procedure
N3258A-C1-077	Delayed - B	1/8/00	Documentation of power system phasing
N3258A-C1-076	Delayed - B	1/3/00	Replacement of main generator voltage rheostat
N3258A-C1-074	Delayed - B	10/18/99	Addition of drum brake encoder cover
N62472-C1-023A	When Needed	10/7/99	Modification of brush holders
N3258A-C1-073	Delayed - B	10/4/99	Documentation of master switch deadman cable
N62472-C1-072	When Needed	8/30/99	Replacement of battery charger
N62472-C1-071	Delayed - B	7/30/99	Installation of dump valve over ride devices
N62472-C1-070	Delayed - B	7/7/99	Alteration of limit switch bypass key
N62472-C1-027C	Delayed - B	7/7/99	Installation of 95% load alarm with hoist lockout for the main and whip hoists
N62472-C1-069	Delayed - B	6/8/99	Replacement of brake bleeder with vent air bleeders
N62472-C1-068	Delayed - B	6/8/99	Alteration to MRV & MBV knobs
N62472-C1-027B	Delayed - B	6/1/99	Installation of 80% load alarm
N62472-C1-067	Delayed - B	5/24/99	Modification, whip hoist deceleration -(N00251-95-046A); Alteration of main and luff hoists deceleration - (N00251-95-093)

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N62472-C1-066	Delayed - B	4/2/99	Addition of drum brake encoder disconnect keyswitch
N62472-C1-065	Delayed - 30 days	3/1/99	Replace fuses F4 and F5 Littlefuse type CCMR 3 with Littlefuse type KLDR 3 fuses
N62472-C1-048A	Delayed - 30 Jun 99	2/4/99	Addition of wind speed gauge
N62472-C1-064	When Needed	12/21/98	Alteration to travel shunt field circuit
N62472-C1-020A	When Needed	12/10/98	Alteration of breaker instantaneous trip settings
N62472-C1-063	Delayed - 30 days	12/8/98	Microprocessor chip replacement for broken shaft detection system
N62472-C1-062	When Needed	11/4/98	Alteration to control component settings for main, whip, and luff hoists
N62472-C1-061	Delayed - B	10/28/98	Alteration of drawing for rotate master switch
N62472-C1-060	Delayed - B	10/23/98	Documentation of cab indicator light
N62472-C1-059	When Needed	10/9/98	Replacement of travel motor conduit boxes
N62472-C1-029B	When Needed	10/6/98	Alteration to rotate control
N62472-C1-058	When Needed	10/2/98	Alteration to motor electronic overload relay settings
N62472-C1-045A	When Needed	9/24/98	Replacement of ni-cad with lead acid battery
N62472-C1-057	Delayed - B	9/18/98	Installation of relay retainer clips
N62472-C1-056	When Needed	9/11/98	Replacement of collector ring brush holder
N62472-C1-055	When Needed	8/3/98	Alteration of MFTR, WFTR, and LFTR timer settings
N62472-C1-054	Delayed - B	7/29/98	Addition of main hoist caliper disc brake (MHCDB) panel window
N62472-C1-053	When Needed	7/15/98	Alteration to auxiliary engine flywheel adapter
N62472-C1-052	Delayed - B	7/15/98	Alteration of "BRKEL" fault software timer variable (rkname)
N62472-C1-051	When Needed	7/10/98	Addition of main and whip hoist block drip pans
N62472-C1-050	When Needed	7/8/98	Replacement of drum brake encoder foundation
N62472-C1-046A	When Needed	7/8/98	Replacement of ni-cad with UPS lead acid batteries
N62472-C1-049	Delayed - B	6/12/98	Rearrangement of tach generator lug
N62472-C1-048	Delayed - 31 Jan 99	6/9/98	Addition of wind speed gauge
N62472-C1-047	When Needed	5/15/98	Alteration of software variables
N62472-C1-039A	Delayed - B	4/3/98	Alteration of hoists field circuit resistors
N62472-C1-046	When Needed	3/25/98	Replacement of ni-cad with UPS lead acid batteries
N62472-C1-045	When Needed	3/25/98	Replacement of ni-cad with lead acid battery
N62472-C1-032A	When Needed	3/10/98	Disc brake coil magnet bonding method
N62472-C1-044	When Needed	3/5/98	Documentation of economizing circuits on the hoists "M" and "DB" contactors
N62472-C1-042A	Delayed - B	3/5/98	Documentation of economizing circuits on the hoists "M" and "DB" contactors
N62472-C1-043	When Needed	3/2/98	Addition of collector ring brush holder arm limiter
N62472-C1-042	Delayed - B	2/6/98	Documentation of economizing circuits on the hoists "M" and "DB" contactors
N62472-C1-041	When Needed	1/28/98	Addition of collector ring brush holder

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N62472-C1-040	Delayed - B	1/23/98	Alteration of hoist brake timer settings
N62472-C1-029A	When Needed	1/23/98	Alteration to rotate control
N62472-C1-028B	When Needed	1/23/98	Alteration of travel control
N62472-C1-039	Delayed - B	1/14/98	Alteration of hoists field circuit resistors
N62472-C1-038	When Needed	10/24/97	Replacement of limit switch wire
N62472-C1-037	When Needed	9/22/97	Addition of platform stiffeners
N62472-C1-036	Delayed - B	9/8/97	Replace fuse 6FU2
N62472-C1-014A	When Needed	9/8/97	Removal of compression springs from SMB-30 stromag rotate brakes
N62472-C1-028A	Delayed - B	9/4/97	Alteration of travel control
N62472-C1-035	Delayed - B	9/3/97	Replacement of crane power off and emergency stop pushbuttons
N62472-C1-027A	Delayed - B	9/1/97	Installation of 80% load alarm
N62472-C1-034	When Needed	8/28/97	Replacement of brush holder pins
N62472-C1-033	When Needed	8/28/97	Pawl actuator assembly
N62472-C1-032	When Needed	8/28/97	Disc brake coil magnet bonding method
N62472-C1-031	When Needed	8/28/97	Replacement of rotate coupling
N62472-C1-030	Delayed	8/28/97	Change instantaneous current trip settings on hoist armature circuit breakers
N62472-C1-029	Delayed	8/27/97	Alteration of rotate control
N62472-C1-028	Delayed - B	8/27/97	Alteration of travel control
N62472-C1-027	Delayed - B	7/21/97	Installation of 80% load alarm
N62472-C1-026	When Needed	6/6/97	Modification of brush holders
N62472-C1-025	When Needed	4/29/97	Replace aux contact blocks
N62472-C1-024	When Needed	2/7/97	Alteration to eliminate nuisance brake release drive faults
N62472-C1-023	When Needed	1/31/97	Modification of brush holders
N62472-C1-022	Site Specific	1/15/97	Replacement of boom tip chords and lacings
N62472-C1-021	Delayed - B	12/11/96	Alteration of travel control
N62472-C1-020	Site Specific	12/5/96	Alteration of breaker instantaneous trip settings
N62472-C1-019	When Needed	11/26/96	Replacement of main engine mechanical tachometer
N62472-C1-018	Delayed - B	11/19/96	Addition of time delay relay in travel overspeed circuit
N62472-C1-017	When Needed	11/1/96	Alteration to travel overspeed switch sprocket
N62472-C1-016	Site Specific	10/9/96	Repl boom tip chord /lacings
N62472-C1-015	When Needed	10/4/96	Alteration to resistor grid cabinte doors
N62472-C1-014	When Needed	9/16/96	Removal of compression springs from SMB-30 stromag rotate brakes
N62472-C1-013	When Needed	9/10/96	Replacement of diesel start and boom pawl air compressor
N62472-C1-012	When Needed	7/29/96	Replacement of diesel start and boom pawl air compressor
N62472-C1-011	When Needed	7/17/96	Alteration of boom dog counterweight support

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N62472-C1-010	When Needed	6/19/96	Replacement of diesel start and boom pawl air compressor
N62472-C1-009	When Needed	5/6/96	Replacement of Diesel Generator Coupling
N62472-C1-008	When Needed	1/16/96	Replacement of frequency sensing relay 10FR
N62472-C1-007	Delayed	10/12/95	Installation of main hoist drum brake system
N62472-C1-006	Delayed	9/21/95	Addition of access plate in machinery deck
N62472-C1-005	Delayed	7/17/95	Alteration of dampening motor flywheels
N62472-C1-004	Delayed	7/17/95	Alteration of main and luff hoists deceleration
N62472-C1-002	Delayed	5/22/95	Module Support Beams
N62472-C1-003	Delayed - B	5/16/95	Modify PMFLoss and Fanloss logical switches in the travel pc task
N62472-C1-001	Delayed	5/24/94	Installation of SOPCST.PC hoist task software circuitry