

JOB #	XXT37R		SN #	257	
	customer: NORTH TEXAS CONCRETE PUMPING				
VL	BOOM MAKE UP PIPE LENGTHS				
9160	ARM			LENGTH	
	A			91'2"	
	B			57"	
	B-C				
	C			57"	
	C-D				
	D			505/16"	
	E				
	PIPE TYPE (Ultra III or Normal?)			ULTRA III	
	TIP HOSE SIZE			5"	
	SPECIAL ELBOWS			PART #	
	Turret	A sect		801102	
	A sect	B sect			
	B sect	C sect		801104	
	C sect	D sect			
	D sect	E sect			
	DECK MAKE UP PIPE LENGTHS				
	PIPE			LENGTH	
	#1			7 1/2"	
	#2			103"	
	#3				
	SPECIAL ELBOWS			803027	
	TURRET PIPE			34 1/2"	
	DECK DELIVERY LINE COMPONENTS			PART #	
	HOPPER ELBOW			803024	
	ELBOW 6"			803025	
	REDUCER			803026	
	SPECIAL TURRET ELBOW			8000327	
	RADIO REMOTE SERIAL NUMBER			SERIAL #	
	RADIO REMOTE			735-0501759	
	CABLE REMOTE			005-0905	
	TRUCK			SERIAL #	
				1M2K189C35M028209	
	BOOM SIZE			SERIAL #	
	XXT37R			84-03	
	BOOM SIZE----			SERIAL #	
	PEDESTAL			72-0	
	A SECTION			B677150A-8403	
	B SECTION			B677201B-8403	
	C SECTION			B677301A-8403	
	D SECTION			B671431-8403	
	E SECTION				



2. DATE: 03/2005 3. VEHICLE IDENTIFICATION NUMBER: 1M2K189C35M028209
 GAWR N. TEXAS TIRES RIMS 7/27/06
 5. FRONT: 9072 KG (20000 LB) WITH 425/65R22.5L , 22.5 X 12.25 , AT
 1ST INT.: 9979 KG (22000 LB) WITH 11R22.5 G , 22.5 X 8.25 , AT
 2ND INT.: KG (LB) WITH , AT
 3RD INT.: KG (LB) WITH , AT
 REARMOST: 9979 KG (22000 LB) WITH 11R22.5 G , 22.5 X 8.25 , AT

4. GVWR: 29030 KG
 (64000 LB)
 (14 - 2/160)
 (120 PSI) COLD SINGLE
 (105 PSI) COLD DUAL
 (PSI) COLD
 (PSI) COLD
 (105 PSI) COLD DUAL

6. VEHICLE TYPE: TRUCK SEQ. NO.: H050330035

XXT 37.4R

7. This incomplete vehicle was manufactured to conform to applicable
UNITED STATES
 Motor Vehicle Safety Standards in effect on its date of manufacture shown above. Those Standards to which it complies in full are preceded in the MVSS list by an asterisk (*).

8. **MVSS 121**
 The height of the center of gravity of the incomplete vehicle, body, and payload, measured from ground level (vertical CG), shall not exceed 72 inches (183 cm); and the ratio of the vertical CG divided by the wheelbase of the incomplete vehicle shall not exceed .500. The height of the top of the frame rail (measured at the center of the wheelbase) should be used as the CG height of the unloaded incomplete vehicle.

9. ***MVSS 101:**
 This incomplete vehicle, when completed, will conform to Standard 101-Controls and Displays, if no alterations are made to driver operated controls, their identification and means of illumination, or to the location of the driver's seat or sun visor.

***MVSS 102:**
 This incomplete vehicle, when completed, will conform to Standard 102-Transmission Shift Lever Sequence, if no alterations are made to the transmission, shift control or accelerator control.

***MVSS 103:**
 This incomplete vehicle, when completed, will conform to the applicable sections of Standard 103-Windshield Defrosting and Defogging Systems, if no alterations are made to the heating and/or defrosting / defogging system(s).

***MVSS 104:**
 This incomplete vehicle, when completed, will conform to Standard 104-Windshield Wiping and Washing Systems, if no alterations are made to the windshield wiper components, washer components, or wiped glazed surface.

***MVSS 106:**
 This incomplete vehicle, when completed, will conform to Standard 106-Brake Hoses, if: no alterations are made to the brake hoses, brake hose end fittings, or brake hose assemblies supplied with the incomplete vehicle; or no brake hose assemblies are added to the basic brake system.

MVSS 108:
 Conformity with Standard 108-Lamps, Reflective Devices, and Associated Equipment, is not determined by the incomplete vehicle, since the incomplete vehicle does not include devices normally supplied with the body. Lamps, reflective devices, and associated equipment installed on the incomplete vehicle are in conformance with applicable requirements of Standard 108. Final conformance may require relocation of some devices installed on the incomplete vehicle. Increasing the height of the incomplete vehicle may cause installed lamps and/or reflectors to exceed the height limitations of Standard 108.

***MVSS 111:**
 This incomplete vehicle, when completed, will conform to Standard 111-Rearview Mirrors, if no alterations or additions are made to the mirror assemblies, their location or mounting structures.

***MVSS 113:**
 This incomplete vehicle, when completed, will conform to Standard 113- Hood Latch System, if no alterations are made in the hood latching system or components.

***CANADA MVSS 115:**
 This incomplete vehicle, when completed, will conform to Standard 115-Vehicle Identification Number, if no alterations are made to the vehicle identification number stamped into the frame right-hand side rail.

***MVSS 116:**
 This incomplete vehicle, when completed, will conform to Standard 116- Motor Vehicle Brake Fluid, when the incomplete vehicle is equipped with hydraulic brake components by the incomplete vehicle manufacturer and brake fluid is neither changed nor added. If the incomplete vehicle is not originally equipped with hydraulic brake components, the incomplete vehicle manufacturer makes no representation as to conformity with the standard.

NOTICE

For recommendations concerning additions to or modifications of this incomplete vehicle, please consult the Mack Body Installer's Guide for Class 8 Chassis (Service Manual # 1-001), available through the Mack website or Mack Service & Parts Dealers.

Intermediate and final stage manufacturers are responsible for any additional equipment they add to the incomplete vehicle. The weight of and/or location of an added body, associated equipment and the body's intended payload must NOT cause any GAWR's and/or the final GVWR to be exceeded.

7/27/06

V# 9160

XXT37.4R

SN- 257

MFD. BY: REED LLC

DATE OF MFR: MO. 07 YR. 2006

INC. VEH. MFD. BY:

MAK TRUCKS INC

DATE OF INC. VEH. MFR:

MO. 03 YR. 2005

GVWR:

29030 KG (64000 LB)

GAWR-FRONT:

9072 KG (20000 LB)

GAWR-REAR:

19958 KG (44000 LB)

CONFORMITY OF THE CHASSIS-CAB TO U.S.A. FEDERAL MOTOR VEHICLE SAFETY STANDARDS, WHICH HAVE BEEN PREVIOUSLY FULLY CERTIFIED BY THE INCOMPLETE VEHICLE MANUFACTURER OR BY THE INTERMEDIATE VEHICLE MANUFACTURER, HAS NOT BEEN AFFECTED BY THE FINAL-STAGE MANUFACTURE. THE VEHICLE HAS BEEN COMPLETED IN ACCORDANCE WITH PRIOR MANUFACTURER'S INSTRUCTIONS, WHERE APPLICABLE. THIS VEHICLE CONFORMS TO ALL OTHER APPLICABLE U.S.A. FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT IN:

MO. 07 YR. 2006

VEHICLE IDENTIFICATION NUMBER:

1M2K189C35M028209

VEHICLE TYPE:

TRUCK

SUITABLE TIRE-RIM CHOICE

FRONT: 425/65R22.5L TIRES,
22.5x12.25 RIMS, @ 827 KPA,
(120 PSI) COLD SINGLE

INTERMEDIATE (1):

11R22.5G TIRES,
22.5x8.25 RIMS, @ 724 KPA,
(105 PSI) COLD DUAL

INTERMEDIATE (2):

_____ TIRES,
_____ RIMS, @ _____ KPA,
(_____ PSI) COLD _____

REAR: 11R22.5G TIRES,
22.5x8.25 RIMS, @ 724 KPA,
(105 PSI) COLD DUAL

MFD. BY: REED LLC

DATE OF MFR: MO. 07 YR. 2006

INC. VEH. MFD. BY:
MACK TRUCKS INC.

DATE OF INC. VEH. MFR:
MO. 03 YR. 2005

GVWR:
29,030 KG (64,000 LB)

GAWR-FRONT:
9,072 KG (20,000 LB)

GAWR-REAR:
19,958 KG (44,000 LB)

CONFORMITY OF THE CHASSIS-CAB TO U.S.A. FEDERAL MOTOR VEHICLE SAFETY STANDARDS, WHICH HAVE BEEN PREVIOUSLY FULLY CERTIFIED BY THE INCOMPLETE VEHICLE MANUFACTURER OR BY THE INTERMEDIATE VEHICLE MANUFACTURER, HAS NOT BEEN AFFECTED BY THE FINAL-STAGE MANUFACTURE. THE VEHICLE HAS BEEN COMPLETED IN ACCORDANCE WITH PRIOR MANUFACTURER'S INSTRUCTIONS, WHERE APPLICABLE. THIS VEHICLE CONFORMS TO ALL OTHER APPLICABLE U.S.A. FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT IN:

MO. 07 YR. 2006

VEHICLE IDENTIFICATION NUMBER:
1M2K189C35M028209

VEHICLE TYPE:
TRUCK

SUITABLE TIRE-RIM CHOICE

FRONT: 425/65R22.5L TIRES,
22.5x12.25 RIMS, @ 827 KPA,
(120 PSI) COLD SINGLE

INTERMEDIATE (1):
11R22.5 G TIRES,
22.5x8.25 RIMS, @ 724 KPA,
(105 PSI) COLD DUAL

INTERMEDIATE (2):
____ TIRES,
____ RIMS, @ ____ KPA,
(____ PSI) COLD ____

REAR: 11R22.5 G TIRES,
22.5x8.25 RIMS, @ 724 KPA,
(105 PSI) COLD DUAL

Things need to be done

VL-9160 S# 257

7/28/06

- 1 ~~Mount Boom~~
- 2 ~~Grease all points~~
- 3 ~~weld the Rear Swing cylinder BKTs~~
- 4 ~~Instal Rear O/R stops After Test.~~
- 5 ~~Instal Front O/R covers~~
- 6 ~~Instal Ring gear bolts plastic cups
After bolts are torqued~~
- 7 ~~Instal cutter pins on all clamps.~~
- 8 ~~Stability Test~~
- 9 ~~Cable Detach Control~~
- 10 ~~Out Rigger orifices spread~~
- 11 ~~L/R Direction~~
- 12 ~~F/out Rigger Pressure Relief Extension~~
- 13 ~~R/out Rigger Foot Print 2+ inches~~
- 14 ~~"B" BOO Plate for main Resting~~
- 15 ~~Boom limited switch BKT~~
- 16 ~~"A" Boom lights~~
- 17 ~~MARKING LIGHTS~~
- 18 ~~ROTATION GEAR~~



AUTHORIZATION TO SHIP

Customer N. Texas Order # CE 072806-001

Machine Info:

Job#: VL 9160-1

Payment Terms: Equity Rental

Model: XXT37R

Serial #: 06-257

Part #: XXT37.4R-107

Due Date: 7/29/06

FINAL AUTHORIZATION TO SHIP

SERVICE/TEST _____ DATE _____

FINAL PICTURES _____

PROD CONTROL Pedro G. Fragoso DATE 7-29-06

LOCATION _____

QUALITY CNTRL Pedro G. Fragoso DATE 7-29-06 TIME _____

CREDIT _____ DATE _____

DATE SHIPPED 7-29-06 BY _____

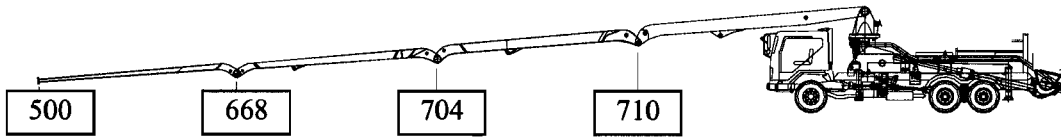
VL-9160

BOOM AND OUTRIGGER STABILITY TESTS 37 Meter 4 Sections R-Fold

Date: <u>7-27-06</u>	Verify Machine Model:	REED Serial #: <u>06-257</u>
Customer: <u>N. TEXAS</u>	Truck VIN:	Truck Serial #:
Work Order #: <u>CE672806-001</u>	WZ Serial #:	

BOOM STABILITY TEST

Boom Manufacturer:	Boom Serial #
Pedestal Manufacturer:	Pedestal Serial #



STABILITY TEST ACTUAL WEIGHTS (With Pipeline / WithOUT End-hose in LBS)

D 500 C 665 B 700 A 710 Checked: ✓

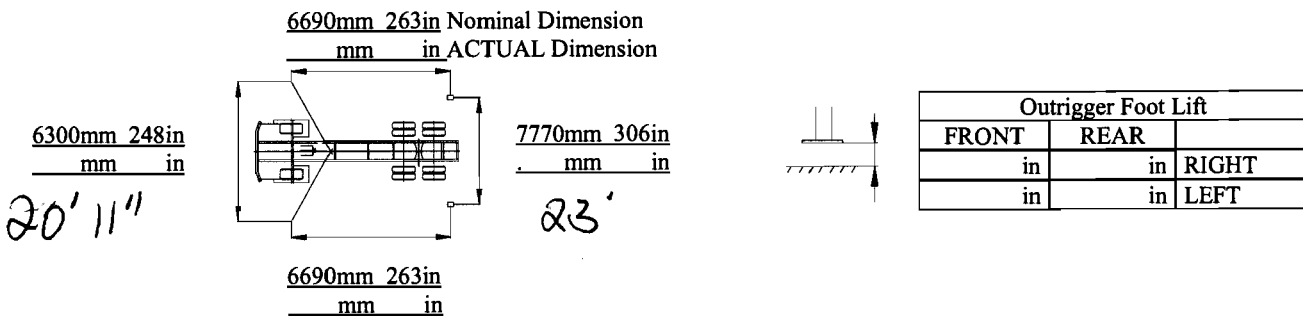
TIME AND PRESSURE TESTS

	Element D	Element C	Element B	Element A	Rotation
	45 sec	70 sec	105 sec	80 sec	147 sec
Time UP					
Time DOWN					
Head Side Pressure	280 bar	330 bar	280 bar	280 bar	160 bar
Rod Side Pressure	330 bar	330 bar	330 bar	330 bar	160 bar

Check for Section Minimum Drift and Holding Valve Leakage Under Load

Checked: _____

OUTRIGGER STABILITY TESTS



	Leakage Check		Leakage Check
Right Front Jack Cylinder		Left Front Jack Cylinder	
Right Front Telescope Out		Left Front Telescope Out	
Right Front Swing Out		Left Front Swing Out	
Right Rear Swing Out		Left Rear Swing Out	
Right Rear Jack Cylinder		Left Rear Jack Cylinder	

Checked: ✓

TEST RESULTS:		
NAME: <u>Duane Remus</u>		DATE: <u>7-27-06</u>
SIGNATURE: <u>Duane Remus</u>		DATE: _____

Q.C. & PUMP OPERATIONAL TEST	WORK ORDER VL 9160
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DESCRIPTION OF ITEM INSPECTION	OK INIT.	CORRECTION MADE
1. Q.C. INSPECTION PACKAGE		
All forms in package		
All shortages in package		
2 BUILD ORDER REVIEW		
Truck built per build order		
Options installed per build order		
Oil type required		
Defeciencies noted		
3. PRELIMINARY WALK AROUND	RW	
Components installed properly		
Proper hose & wire routing		
Bolts & fittings tight		
Defeciencies corrected		
4. FLUID LEVELS	RW	
Engine oil		
Coolant		
Boom tank hydraulic oil		Type TELINS 46
Main tank hydraulic oil		Type TELINS 46
Auto lube grease		
Flush box - Oil & water		
5. PRE START UP	RW	
Filling & bleeding of hydraulic system		

SHORTAGES	CORR INIT.

COMMENTS	
GREASER RUN TIME 6 MIN RED #3	
OFF TIME 27 MIN BLVE #7	
TRUCK RADDLES MORE THAN NORMAL	

REED
ALL MODELS

QUALITY ASSURANCE INSPECTION CHECK LIST
TRUCK MOUNTED CONCRETE PUMP

PAGE 10F 1

INSPECTED BY

RUBEN DATE 7/12/06

Q.C. & PUMP OPERATIONAL TEST

WORK ORDER VL9160

DESCRIPTION OF ITEM INSPECTION	OK INIT.	CORRECTION MADE
6. FILTRATION OF SYSTEM (2 Hour time period)	RV 	
7. R.P.M. CHECK 800 Idle 1600 Pumping	RV 	900 1600
8. CHARGE PRESSURE ADJUSTMENT 34 Bar - (+0 -1)	RV 	34 BAR
9. PUMP CENTERING ADJUSTMENT	RV	OK
10. MAXIMUM PRESSURE CHECK 345 Bar	RV ↓	345 BAR
11. BLACK BOX ADJUSTMENT 6-19 Bar	RV 	19 BAR
12. A-10 PUMP ADJUSTMENT Load sense screw fully in Pressure compensator 190 Bar	RV ↓	190 BAR
13. REMIXER PRESSURE ADJUSTMENT 190 Bar	RV ↓	250 BAR
14. COOLER RELIEF ADJUSTMENT 30 Bar	RV N/A	140 BAR AND WORK OK.
SHORTAGES		CORR INIT.
COMMENTS		

REED ALL MODELS	QUALITY ASSURANCE INSPECTION CHECK LIST		TRUCK MOUNTED CONCRETE PUMP	PAGE 1 OF 1
	INSPECTED BY <u>RV</u>		DATE <u>7/12/06</u>	

Q.C. & PUMP OPERATIONAL TEST	WORK ORDER	<u>VL9160</u>
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DESCRIPTION OF ITEM INSPECTION	OK INIT.	CORRECTION MADE
15. FLUSHING VALVE ADJUSTMENT	<u>RV</u>	
Should be 25.8 G.P.M. (+0-.5)		<u>25.5</u>
Evenly balanced		
16. MAXIMUM CYCLES PER MINUTE CHECK	<u>RV</u>	
30 (+ or - 1)		Main Control Box --- <u>29</u>
		Radio Control ---- <u>29</u>
		Cable Remote--- <u>29</u>
17. CYCLE TEST	<u>RV</u>	
8 Hour time period		
Documentation of test sheets		
18. WATER PUMP ADJUSTMENT	<u>RV</u>	
Relief set to attain maximum flow without swelling of hose when nozzle is closed		
19. BOOM VALVE PRESSURE ADJUSTMENT	<u>RV</u>	
340 Bar--- (XT-32 & XT-36) <u>XXT-37</u>		<u>MAX P. RELIEFS</u>
350 Bar--- (XXT-42)		<u>345 BAR - 310 BAR - PRE-set.</u>
20 BOOM RADIO CONTROL PARAMETERS CHECK.		
21 OUTRIGGER PRESSURE ADJUSTMENT	<u>RV</u>	
Main block relief-250 Bar (+or-1)		<u>DRIVER S. 220 BAR</u>
XT-36 Extension relief-60 Bar (+or-1)		<u>PASSANGER S. 200 BAR</u>
XXT-32 or 42 Extension relief		<u>(SEE NOTE BELOW)</u>
XXT-32 or 42 front swing out relief-60 Bar (+or-1)		

SHORTAGES	CORR INIT.

COMMENTS

NOTE...REFER TO TEST PROCEDURE WORK INSTRUCTIONS FOR ADJUSTMENT METHODS.
NEW O/RIGGER CONTROL VALVES (PIN 802727 + 802728)
REQUIRE EXTENSION RELIEF ADJUSTED TO 120 BAR.
7-3-03 (FIRST VALVES USED) XT-36

XX T-37 VL-9160

~~* GREASER NOT SETED IT.~~
~~* GREASER empty.~~

~~* P.T.O. VALVE MAIN ^{LINE} NOT INSTALLED.~~

~~* P.T.O. ENGAGE IN BUT shaft rotate very slow. wire BACKWARDS INSIDE CAB.~~

~~* Swing VALVE coil WAS IN the wrong side. ①~~

~~* Y1-Y2 were BACKWARDS. ②~~

~~* E-stop Problem as I turn truck on IFT had no power find one of the wires on IKT it was over crimp and wire was out out.~~

~~* BOOM LINES Plug's ALL LOOSE. ③~~

~~* FLUSHING VALVE sending vit hook up backwards.~~

~~* REPLACE JOG switch. Has the wrong one in it. * ON ORDER *~~

~~* RPM BACKWARDS~~

~~* E STOP NOT BUMPING Pressure & Lights not FLUSHING~~

~~* AGITATOR not working from ^E switches ground missing.~~

~~* AUGER OVERIDE wire BACKWARDS AND NO GROUND~~

~~* GREASER NOT WORKING GROUND MISSING~~

~~* RETURN Line UNDER HYD. CYLINDERS CLAMPS FELL OFF. *~~

~~* CABLE VOLUME need's to be set. D~~

~~* RADIO DO NOT ACTIVATE SWING PRESSURE. D~~

* TRUCK RADDERS white pumping Have MACK RE-CHECK IT. V

* ~~COOLER PLUG LOOSE~~ *

* ~~ACCUMULATOR outside CAP MISSING~~ O/SJ *

* ~~MAIN Electrical Panel when use Remote Light doesn't work~~

* ~~MAIN Electrical Panel O. Rings OR seal BAD Replaced them at control on Light AND HYD. operated Light~~ O/SJ *

* ~~OUT LUBER FOR PISTON CUP'S PLUG LOOSE ON MAIN BLOCK~~ *

* ~~HORN when BAD, BECAUSE NOT HAVING A GOOD GROUND. RE-DO GROUND AND still NOT WORK Right ADD A diode on the horn switch AND didn't work either.~~

* MOUNT HORN ON A DIFFERENT SPOT. CHECK with DUANE REMUS. *



No: 27 TEL
10: 54

WATER TEST RECORD SHEET

TRUCK MOUNTED CONCRETE BOOM PUMP

INSPECTED BY Ruben DATE 7/13/06

MACHINE MODEL XXT-37R S/N VL9160

TIME	AMB TEMP	HYD TEMP	ENG TEMP	HYD PRESSURE	ENG RPM	VOL SETTING	STROKES P/MIN
10:30	101°	175°	218°	100 BAR	FULL	6 1/2	13
10:45	102°	172°	219°	100 BAR	FULL	6 1/2	13
11:00	103°	178°	220°	210 BAR	FULL	8 1/2	19
11:15	104°	176°	220°	130 BAR	FULL	7	15
11:30	105°	176°	220°	130 BAR	FULL	7	15
12:30	99°	164	220°	200 BAR	FULL	8 1/2	18
12:45	99°	172°	219°	300 BAR	FULL	7 1/4	11
1:00	100°	169°	219°	120 BAR	FULL	6 1/2	11
7:45	78°	117°	208°	150 BAR	FULL	7	13
8:00	79°	128°	205°	150 BAR	FULL	7	13
8:15	80°	148°	212°	200 BAR	FULL	8 1/2	15
8:30	80°	150°	215°	200 BAR	FULL	8 1/2	15
8:40	77°	126°	203°	180 BAR	FULL	7 3/4	13
8:45	77°	131°	205°	180 BAR	FULL	7 3/4	13

RADIO

8

Filters 8:00 AM To 10:00 AM 7/12/06



WATER TEST RECORD SHEET

TRUCK MOUNTED CONCRETE BOOM PUMP

INSPECTED BY Ruben DATE 7/12/06

MACHINE MODEL XKT-37 R S/N VL 9160

TIME	AMB TEMP	HYD TEMP	ENG TEMP	HYD PRESSURE	ENG RPM	VOL SETTING	STROKES P/MIN
12:30	96°	^{suction} 146°	220°	100 BAR	1600	6 1/2	11
12:45	96°	148°	220°	100 BAR	FULL	6 1/8	11
1:00	97°	150°	220°	100 BAR	FULL	6 1/8	11
1:15	98°	158°	220°	100 BAR	FULL	6 1/8	11
1:30	100°	164°	220°	160 BAR	FULL	6	9
1:45	102°	172°	217°	200 BAR	FULL	6 1/2	10
2:05	100°	169°	217°	200 BAR	FULL	6 1/2	10
2:30	100°	178°	220°	250 BAR	FULL	7	12
2:45	100°	180°	220°	120 BAR	FULL	7	15
3:00	100°	180°	220°	120 BAR	FULL	7	15
7:00	73°	103°	203°	230 BAR	FULL	10	17
7:15	74°	130°	215°	300 BAR	FULL	10	13
7:30	75°	145°	213°	300 BAR	FULL	10	13
7:45	78°	162°	210°	200 BAR	FULL	8	18
8:00	79°	165°	210°	200 BAR	FULL	8	18
8:15	79°	167°	213°	160 BAR	FULL	7 1/2	17
8:30	82°	169°	208°	150 BAR	FULL	7 1/4	14
8:45	85°	171°	210°	150 BAR	FULL	7 1/4	14
9:45	87°	166°	205°	150 BAR	FULL	7 1/4	14
10:00	90°	167°	215°	190 BAR	FULL	8	19
10:15	90°	176°	218°	190 BAR	FULL	8	19

stop
oil at 2
180

4

5

CHASSIS INSPECTION CHECK LIST

MFG MAK MODEL _____ VIN 89209

DESCRIPTION	DESCRIPTION	DESCRIPTION
A-CAB	• Mirrors RH & LH	F-PAINT
• Lift/Tilt w/Pump	• Parking Brake w/Light	• Cab Ext-Mack White
• Cigar Lighter	• Mud Flaps-24"-Frnt Fender	
• Dome Light w/SW	• Radio AM-FM	
• Door-Slide Type Window	• Antenna-Roof Mtd.	G-INFORMATION
• Fenders-Cab	• Seat-Driver Air Susp.	• Manuals-Protection Plan Service
• Floor Mats-Rubber	• Seat-Rider Fixed	• Safety Kit
• Gauges	• Seat Belts-Lap & Shoulder	
• Dual Air Pressure	• Turn Signal Switch - Manual	
• Voltmeter		H-MISCELLANEOUS
• Eng. Coolant Temp.		• Exterior Paint Damage
• Eng. Oil Pressure		• Window Damage
• Fuel Level		• Dents
• English Display	B-FRAME-FUEL TANK	
• Speedometer w/Trip Odometer	• Bumper Channel Type Extended 63"	
• Eng. Tach w/ Hourmeter	• Towing Device Frt-Pin	I-DRIVE TRAIN
• Glass-Tinted Windows	• Fuel Tank LH 80 Gal RD.	• MACK MD209 Transmission
• Glove Box		• Range selector valve tight
• Grab Handles - Ext.		
• RH & LH Behind Door	C-FRONT AXLE	
• Grab Handles - Int.	• Capacity 20000 lbs	
• Windshield Post RH-LH	• Tires Tubeless Radial	J-COMMENTS
• Instr. Panel RH	• Size 425/65R 22.5 18S	
• Hi-Beam Indicator Light	• Wheels-Alum Disc 10 Hole	
• Horn		
• Air Twin Trumpet		
• Electric Single Tone	D-REAR AXLE-TANDEM	
• Lights	• Capacity 44000 lbs	
• Marker & Clearance (7)	• Tires (8) 11R-22.5-14G	
• Side Markers	• Air Brakes	
• Turn Signals-Front	• Wheels-Alum Disc-10 Holes	
• Headlights (2) Conv 7" RD		
• Rear (2) Stop, Direct, Back up	E-ELECTRICAL	
• Signal Flasher Type	• Back up Alarm	
• Interior Trim - White	• Battery Box Covers	
• Low Air Indicator Light & Buzz	• Daytime Running Lights	

Odometer Reading _____

Hourmeter Reading _____

Inspected By _____

Date _____

Quality Assurance Binder

Contents

1. Stability Tests
2. Make-Up Pipes
3. Quality Assurance Inspection Checklists
 - Initial Chassis Inspection
 - Subframe Installation
 - Chassis Installation
 - Module/Truck Assembly
 - Water Tank Assembly
 - Pedestal Installation
 - Boom Harness Modification
4. Testing Results
5. Notes and Additional Information

QUALITY ASSURANCE INSPECTION CHECKLIST

Date:	Verify Machine Model:	REED Serial #:
Customer:	Truck VIN:	Truck Serial #:
Work Order #:	WZ Serial #:	

Fill Quality Assurance Inspection Checklist Completely

1. Initial after completing item inspection.
2. Identify all corrections or rework.
3. Identify shortages and comments to procure materials and define issues for future reference.

CHASSIS INSTALLATION			
INSPECTION ITEM DESCRIPTION	INITIAL	CORRECTIONS OR REWORK	SHORTAGES/COMMENTS
1. Verify Chassis Inspection Checklist			
Checked by Weld Lead			
2. Exhaust Stack Installed			
45 Elbow to Rear of Chassis			
Checked by Weld Lead			
3. Axle Stops Installed			
Checked by Weld Lead			
4. Shear Plates Installed			
Tops of Plates Parallel with Frame			
All Bolts Secured			
Checked by Weld Lead			
5. Chassis Electrical Installation			
Marker Light Harness Installed	DB		
Power Cable Installed	DB		
50 Amp Fuse Installed	DB		
Backup Alarm Installed	DB		
Cables Routed Properly and Secure			
Checked by Electrical Lead			
6. Cab Electrical Installation			
Key Switch & Pilot Light Installed	DB		
Clutch Switch Installed	DB		
Pressure Switch Installed			
Terminal Block and Fuse Block	DB		
All Connections Secured			
Checked by Electrical Lead			

QUALITY INSPECTION RESULTS: _____	DATE: _____
NAME: _____	DATE: _____
SIGNATURE: _____	

QUALITY ASSURANCE INSPECTION CHECKLIST

Date:	Verify Machine Model:	REED Serial #:
Customer:	Truck VIN:	Truck Serial #:
Work Order #:	WZ Serial #:	

Fill Quality Assurance Inspection Checklist Completely

1. Initial after completing item inspection.
2. Identify all corrections or rework.
3. Identify shortages and comments to procure materials and define issues for future reference.

INITIAL CHASSIS INSPECTION			
INSPECTION ITEM DESCRIPTION	INITIAL	CORRECTIONS OR REWORK	SHORTAGES/COMMENTS
1. Chassis Identification			
VIN Number			
Odometer Reading			
Hour Reading			
Checked by Receiving Manager			
2. Component Locations			
Rear Frame Overhang	P.F.		
Fuel Tank-RH			
Battery Box-LH	P.F.		
Air Tank-RH <i>L/H</i>	P.F.		
Air Dryer-LH	P.F.		
Checked by Boom Production Lead			
3. Chassis Inspection Checklist			
Checklist Completed			
COPY to Purchasing			
Document Package to Purchasing			
Checked by Receiving Manager			

QUALITY INSPECTION RESULTS: _____

NAME: _____ DATE: _____

SIGNATURE: _____ DATE: _____

QUALITY ASSURANCE INSPECTION CHECKLIST

Date:	Verify Machine Model:	REED Serial #:
Customer:	Truck VIN:	Truck Serial #:
Work Order #:	WZ Serial #:	

Fill Quality Assurance Inspection Checklist Completely

1. Initial after completing item inspection.
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SUBFRAME INSTALLATION			
INSPECTION ITEM DESCRIPTION	INITIAL	CORRECTIONS OR REWORK	SHORTAGES/COMMENTS
1. Fabricate Subframe Weldment (Use Drawing for Subframe) Checked by Weld Lead	P.F.		
2. Boom Rest Installation Welded Mounting Plates to Sub Light Bracket Installed All Bolts Secured Checked by Weld Lead	P.F. P.F. P.F.		
4. Suction Tube Installed All Connections Secured Tube Clamps Secured Checked by Weld Lead	P.F. P.F. P.F.		
5. PTO Gearbox installation All Bolts Secure Correct Location Checked by Weld Lead	P.F. P.F. P.F.		

QUALITY INSPECTION RESULTS: _____ NAME: _____ SIGNATURE: _____	DATE: _____ DATE: _____
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QUALITY ASSURANCE INSPECTION CHECKLIST

Date:	Verify Machine Model:	REED Serial #:
Customer:	Truck VIN:	Truck Serial #:
Work Order #:	WZ Serial #:	

Fill Quality Assurance Inspection Checklist Completely

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MODULE/TRUCK ASSEMBLY			
INSPECTION ITEM DESCRIPTION	INITIAL	CORRECTIONS OR REWORK	SHORTAGES/COMMENTS
1. Module Installation	P.F.		
Position Module Forward as Possible	P.F.		
Disconnect Batter Before Welding	P.F.		
Checked by Weld Lead			
2. Weld Shear Plates and Ribs	P.F.		
Checked by Weld Lead			
3. Axle Stops Installed	P.F.		
Tops of Plates Parallel with Frame	D.F.		
All Bolts Secured	D.F.		
Checked by Weld Lead			
4. Shear Plates Installed	P.F.		
Tops of Plates Parallel with Frame	P.F.		
All Bolts Secured	P.F.		
Checked by Weld Lead			
5. Chassis Electrical Installation	D.B.		
Marker Light Harness Installed	D.B.		
Power Cable Installed	D.B.		
50 Amp Fuse Installed	D.B.		
Backup Alarm Installed	D.B.		
Cables Routed Properly and Secure	D.R.		
Checked by Electrical Lead			
6. Cab Electrical Installation	D.B.		
Key Switch & Pilot Light Installed	D.B.		
Clutch Switch Installed	D.B.		
Pressure Switch Installed	D.B.		
Terminal Block and Fuse Block	D.B.		
All Connections Secured	D.B.		
Checked by Electrical Lead			

QUALITY INSPECTION RESULTS: _____	
NAME: _____	DATE: _____
SIGNATURE: _____	DATE: _____

QUALITY ASSURANCE INSPECTION CHECKLIST

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Customer:	Truck VIN:	Truck Serial #:
Work Order #:	WZ Serial #:	

Fill Quality Assurance Inspection Checklist Completely

1. Initial after completing item inspection.
2. Identify all corrections or rework.
3. Identify shortages and comments to procure materials and define issues for future reference.

WATER TANK ASSEMBLY			
INSPECTION ITEM DESCRIPTION	INITIAL	CORRECTIONS OR REWORK	SHORTAGES/COMMENTS
1. Tank cleaned internally			
Checked by Mechanic Lead			
2. Tank Assembly	S.F.		
End Cover installed	11		
Check Seal	11		
Sight Gauge Tubing installed	11		
Hose Clamps secure	11		
Fittings installed and secure	11		
Checked by Mechanic Lead			
3. Rubber Mounts installed		NO RUBBERS H/E.	
Checked by Mechanic Lead			

QUALITY INSPECTION RESULTS: _____	
NAME: _____	DATE: _____
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QUALITY ASSURANCE INSPECTION CHECKLIST

Date:	Verify Machine Model:	REED Serial #:
Customer:	Truck VIN:	Truck Serial #:
Work Order #:	WZ Serial #:	

Fill Quality Assurance Inspection Checklist Completely

1. Initial after completing item inspection.
2. Identify all corrections or rework.
3. Identify shortages and comments to procure materials and define issues for future reference.

PEDESTAL INSTALLATION			
INSPECTION ITEM DESCRIPTION	INITIAL	CORRECTIONS OR REWORK	SHORTAGES/COMMENTS
1. Water Tank Checklist Received	P.F.		
Water Tank Shortages Addressed	P.F.		
Checked by Weld Lead			
2. Pedestal Modification	P.F.		
Suction Flange welded	P.F.		
Boom Valve Frame Mounts Welded	P.F.		
Outrigger Valve Brackets Welded	P.F.		
Water Tank Brackets Welded		NO W/13125	
Bearing Cover Brackets Welded	P.F.		
Hose Reel Brackets Welded	P.F.		
D-Rings Welded	P.F.		
Outrigger Locks Welded	P.F.		
Marker Light Brackets Welded	P.F.		
E-Stop Brackets Welded	P.F.		
C-Rails Welded	P.F.		
Extension Cylinder Hose Cutouts		NO EXTENSION	
Checked by Weld Lead			
3. Pedestal Tube Assembly Installed	P.F.		
Checked by Mechanic Lead			
4. Grease Line Couplings Welded	P.F.		
Checked by Weld Lead			
5. Rotation Installation	P.F.		
Rotation Bearing Installed	P.F.		
Bolt Torque 545 ft-lb	P.F.		
Rotation Gearbox Installed	P.F.		
Shim gears to .001" at High Point	P.F.		
Bolt Torque 247 ft-lb	P.F.		
Gear Oil (OMALA-150) filled	P.F.		
Motor and Overcenter Valve Install	P.F.		
All Bolts Secured	P.F.		
Rotation Stop Pin Installed	P.F.		
Cotter Pins Secured	P.F.		
Covers Installed	P.F.		
Checked by Mechanic Lead			
6. Front Outrigger Installation	P.F.		
Outrigger Beams Modified		NO MODIFICATION	
Extension Cylinder Installed in beam	P.F.		
Checked by Mechanic Lead			

QUALITY INSPECTION RESULTS: _____	
NAME: _____	DATE: _____
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QUALITY ASSURANCE INSPECTION CHECKLIST

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Customer:	Truck VIN:	Truck Serial #:
Work Order #:	WZ Serial #:	

Fill Quality Assurance Inspection Checklist Completely

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2. Identify all corrections or rework.
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BOOM HARNESS MODIFICATION			
INSPECTION ITEM DESCRIPTION	INITIAL	CORRECTIONS OR REWORK	SHORTAGES/COMMENTS
1. Junction Box Modification	D.B		
Relay Installed	D.B		
Diode Installed in Terminal Block	D.B		
All Connections Secure	D.B		
Checked by Electrical Lead			
2. Electrical Cable Installed	D.B		
All Connections Secure	D.B		
Checked by Electrical Lead			

QUALITY INSPECTION RESULTS: _____	DATE: _____
NAME: _____	DATE: _____
SIGNATURE: _____	DATE: _____