

VEHICLE FACTORS GROUP CHAIRMAN'S FACTUAL REPORT

Vehicle Attachment 4 – Peterbilt Truck Tractor

THP Post-Crash Report

MULTIPLE VEHICLE ACCIDENT Chattanooga, TN

HWY15MH009

(27 pages)

Tennessee Department of Safety Commercial Vehicle Division

COOL RUNNINGS EXPRESS INC

1150 Foster Avenue Nashville, TN 37243

LONDON, KY 40743

USDOT#: 01083675

MC/MX#: 449085

Phone: (615)743-4990 Fax: (615)253-2278

Report Number: TNTBZT000568 Inspection Date: 06/25/2015

Inspection Level: I - Full **HM Inspection Type:** None

Driver: BREWER, BENJAMIN S

License#:

State: KY

Date of Birth:

CoDriver:

License#:

State:

Date of Birth: State#: MilePost: Shipper: Location: DENTONS WRECKER SERVICE

Fax#:

Phone#: (606)864-5797

Origin: HAINES CITY, FL

Bill of Lading:

Highway: BONNIE OAKS EXIT County: HAMILTON, TN

Destination: CHATTANOOGA, TN Cargo: EMPTY

VEHICLE IDENTIFICATION

<u>Unit</u>	Туре	<u>Make</u>	<u>Year</u>	State	Plate #	Equipment ID	<u>VIN</u>	<u>GVWR</u>	CVSA # CVSA Issued # OOS Sticker
1	TT	PTRB	2007	KY	A02614	7	1XP5DB9X07D6	50,000	
2	ST	GDAN	2006	KY	637402	5555	1GRAA06266B	68,000	

BRAKE ADJUSTMENTS

Axle #	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
Right	1 3/8	1 5/8	1 1/4	1 1/4	1 1/2
Left	1 5/8	1 1/2	1 1/2	1 3/4	1 1/2
Chamber	C-24	C-30	C-30	C-30	C-30

VIOLATIONS							
Vio Code	Section	<u>Unit</u>	<u> 00S</u>	Citation #	Verify	<u>Crash</u>	<u>Violations Discovered</u>
395.8E	395.8(e)	D	Υ		N	N	False log book for 06/25/2015. Showing Off Duty 6/15 thru 6/25 2015.Logged a trip to Haines City, Fl. 6/25/2015 while actually making a return trip to Kentucky.
393.43A	393.43(a)	1	Υ		U	N	No or improper tractor protection valve
396.17C	396.17(c)	1	N		N	N	Operating a CMV without proof of a periodic inspection. Altered Periodic Inspection. Date showing 8/29/2014. The 4 had been altered from a 2.
392.71A	392.71(a)	1	Ν		Ν	Ν	Using or equiping a CMV with radar detector. In possession. Not in use found in sleeper berth.
393.45B2	393.45(b)(2)	2	Υ		U	N	Brake hose or tubing chafing and/or kinking. Worn thru cordage. Rt axle 4 supply air hose.
393.45B2	393.45(b)(2)	2	Υ		U	N	Brake hose or tubing chafing and/or kinking. Worn thru

Placard: No Cargo Tank: HazMat: No HM Transported.

Special Checks: Post Crash

Report Prepared By: KENNETH W. CLEPPER Badge #: 105Z23

Copy Received By: **BENJAMIN BREWER** Page 1 of 2

outer ply. Rt axle 4 emergency air hose.



Tennessee Department of Safety Commercial Vehicle Division 1150 Foster Avenue

Nashville, TN 37243

LONDON, KY 40743

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Inspection Level: I - Full **HM Inspection Type:** None

Driver: BREWER, BENJAMIN S COOL RUNNINGS EXPRESS INC

License#:

State: KY

Date of Birth: Phone#: (606)864-5797

CoDriver: License#:

State:

MC/MX#: 449085 Fax#: State#:

Date of Birth:

Shipper:

Location: DENTONS WRECKER SERVICE Highway: BONNIE OAKS EXIT County: HAMILTON, TN

Origin: HAINES CITY, FL Bill of Lading: Destination: CHATTANOOGA, TN Cargo: EMPTY

Pursuant to the authority contained in Title 49, CFR; Section 27 of the Transportation Rules/Regulations(TCA 65-15-113), I hereby declare BENJAMIN BREWER "OUT OF SERVICE", and shall not drive a commercial motor vehicle until Record of Duty Status Made Current.

Vehicle OUT OF SERVICE until all vehicle OOS items are repaired.

CERTIFICATION of REPAIRMAN:

I certify that the violations marked above have been satisfactorily repaired

Failure to return this report with the required certification can result in penalties up to \$1,000 per day for each day the violation continues, up to a total of \$10,000.

MilePost:

Facility: Signature Of Repairer X:

CARRIER CERTIFICATION: The undersigned certifies that all driver and vehicle violations on this report have been corrected and are in compliance with the Motor Carrier Safety and HM Regulations insofar as they are applicable to motor carriers and drivers. This certification MUST BE SIGNED by the Motor Carrier and RETURNED WITHIN 15 Days to the address at the top of this form.

Signature Of Motor Carrier X:

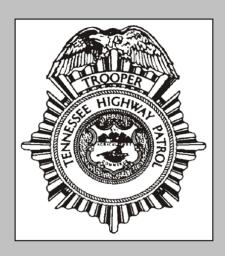
Title:

Date:



^{***} NOTE TO DRIVER: This report must be furnished to the motor carrier whose name is listed above.

TENNESSEE HIGHWAY PATROL COMMERCIAL VEHICLE POST-CRASH INVESTIGATION REPORT



TENNESSEE HIGHWAY PATROL INCIDENT / EVENT TRACKING NUMBER 215023857

CRASH DATE AND LOCATION

6/25/2015-1809 I-75 NORTH 10MM

REPORT COMPLETED BY

TRP. WADE CLEPPER

DATE

0710/2015

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POST-CRASH INSPECTION REPORT REVIEW Driver/Vehicle Examination THP Incident / Event No. 215023857 **NONE** Report No. Investigating Officer TRP. WADE CLEPPER Officer Assisting (If applicable) TRP. CHUCK MELHORN / LT. JOHN HARMON **District Office CHATTANOOGA** Date and Time Officer Notified 06/25/2015 - 1859 Location I-75 MM 11 Date and Time Inspection Began 06/25/2015 - 2020 **Date Inspection Completed** 7/10/2015 **Total Manhours Overtime Hours** Compliance Review Requested (Y/N) Υ To Whom? FMCSA Photographs Taken (Y/N) Υ By Whom? CPD/THP Number of Photographs Taken **UNKNOWN** Person Receiving Photographs **UNKNOWN** Date of Delivery N/A Time of Delivery N/A **REVIEWERS Reviewing Post-Crash Officer Printed Name** Signature Date TRP.WADE CLEPPER **Immediate Supervisor** Printed Name Signature Date SGT. ALAN BAILEY **Field Office Commander Printed Name** Signature Date

POST-CRASH INSPECTION SUMMARY (Page 2a)

Location : Denton's Wrecker Service
Vehicle: 2007 Perterbilt
Operator: Cooling Runnings Express Inc.
Inspectors: Trp. Wade Clepper Trp. Charles Melhorn Lt. John Harmon
Documents Obtained for Evidence
Drivers Record of Duty Status Insurance Document Shipping Papers Receipts generated by the Driver Various trip Documents GPS Report from Company Owner
Driver of the Vehicle:
Benjamin Scott Brewer- Mr. Brewer started working for Cool Runnings on June 22,2015. Mr. Brewer was making his first trip for the Carrier. Mr. Brewer had a valid CDL issued from Kentucky and had an "N" endorsement. The driver license was issued on and expires on

POST-CRASH INSPECTION SUMMARY (Page 2b)

HOURS OF SERVICE

Mr. Brewer filled out a 7 Day prior recap of his "Hours of Service" date June 16,2015. Mr. Brewer also had a log sheet in his Log Book showing "Off Duty" 6/15/2015 thru 6/25/2015.

Also found was a loose leaf from his log book for 6/25/2015 and a second log sheet still in the log book for 6/25/2015 each having different times. There was also an entry in the log book for 6/26/2015.

The logs were reconstructed by the THP and the NTSB using documents found in the vehicle and GPS records supplied by the Carrier. Documents found: Fuel receipts, weigh scale receipts, shippers bill of ladings.

Mr. Brewer had appeared to be "On Duty and Driving combined" from 6/22/2015 thru 6/25/2015 found through examination of the documents that were reviewed. Consequently the Logs were found to be FALSE at the time of the crash.

Mr. Brewer was found to be "On Duty and Driving combined" approximatly 36 Hours without a legal break 6/23/2015 thru 6/24/2015.

Mr. Brewer appeared to be driving in Haines City, Florida at 0430 Hrs. (By GPS readings.) to unload on 6/25/2015. At 0744 the vehicle was then showing in motion returning to the 0430 Hrs. starting point in Haines City. At 0805 Hrs. Mr. Brewer left on his return trip to London, Kentucky. Mr. Brewer stopped in Jasper, Florida for food around 1210 Hrs. and continued driving until the crash in Chattanooga, Tennessee at 1909 hrs..

Hrs. Mr. Brewer left on his return trip to London, Kentucky. Mr. Brewer stopped in Jasper, Florida for food around 1210 Hrs. and continued driving until the crash in Chattanooga, Tennessee at 1909 hrs..

At the time of the crash Mr. Brewer may have had 14 Hours and 35 minutes "On Duty and Driving combined" putting him in Violation of his 14 Hour Rule. (This is is still under Investigation at the time of this report.)

The Log sheets were signed by Mr. Brewer and the signatures appeared to be Mr. Brewers.

POST-CRASH INSPECTION SUMMARY (Page 2c)

VEHICLE INSPECTION:

LIGHTS: NO VIOLAIONS FOUND

BRAKES:

Air was supplied from a outside source to the Primary air tank and brakes applied. The brakes on axle 2 and 3 were inspected at this time.

Air was supplied directly to each steering brake and inspected individually.

NO VIOLATIONS WERE FOUND. Each brake was in proper adjustment and worked accordingly.

The Tractor Protection Valve was Inoperative.

Frame:

Front Cross Member was damaged due to the crash. No other violations found.

STEERING:

Steering Gear Box was broken from the support bolts. Tie Rod was bent all due to the crash. No other violations found.

SUSPENSION:

Front right spring Hanger broken and left rear spring shackle was broken on axle one. These violations were due to the crash. No other violations found.

TIRES:

Right axle one tire flat due to the crash. No other violations found.

Wheels

Right axle one damaged due to crash. No other violations found.

EXHAUST:

No violations noted.

SEMI-TRAILER: Make: Great Dane

Year: 2005

Owner: Cool Runnings Express Inc.

No Violations found on the lights, frame, body, wheels or brakes.

There was a flat on left axle four outside tire and the right axle five outside tire only had 30 PSI of air these violations were due to the crash.

There was also found a supply air line to right axle four brake chamber chaffing on the axle and had worn into the cordage. The emergency air to axle four brake chamber was also chaffing the axle showing moderate wear.

POST-CRASH INSPECTION SUMMARY (Page 2d)

POST-CRASH INSPECTION SUMMARY (Page 2e)

POST-CRASH INSPECTION SUMMARY (Page 2f)

LEAD AGENCY INFORMATION											
Requesting Agency	CHATTANOOGA POLIC	CE DEPARTMENT									
Address	3410 AMNICOLA HWY		TN. 37419	Phone No.	423-698-2525						
Investigating Trooper/Officer	OFC. JOE WARREN	,		Phone No.							
Requesting Agency Tracking #	15-062183	Phot	ographs Ta	ken?	YES						
OTHER OFFICIALS PRESENT											
Official's Name and Title		Reas	son for Pres	sence							
Agency				Phone No.							
Address											
Official's Name and Title		Reas	son for Pres	sence							
Agency				Phone No.							
Address											
Official's Name and Title		Reas	son for Pres	sence							
Agency				Phone No.							
Address											
Official's Name and Title		Reas	son for Pres								
Agency				Phone No.							
Address											
Official's Name and Title		Reas	son for Pres								
Agency				Phone No.							
Address											
	WITNESS	INFORMATIO	N								
Name		License	No./State								
Address											
Phone Number		Cell	/Pager Nur								
Employer/Occupation				Number							
Name		License	No./State								
Address											
Phone Number		Cell	/Pager Nur								
Employer/Occupation			_	Number							
Name		License	No./State								
Address											
Phone Number		Cell	/Pager Nur								
Employer/Occupation				Number							
Name		License	No./State								
Address		1 0 "	1/D								
Phone Number		Cell	/Pager Nur								
Employer/Occupation				Number							
Name		License	No./State								
Address		0.1	I/Dagar N								
Phone Number		Cell	/Pager Nur								
Employer/Occupation		L'acce		Number							
Name		License	No./State								
Address Phone Number		Call	/Dogor Nive	nhor							
		Cell	/Pager Nur								
Employer/Occupation			VVOIK	Number							

		МОТО	OR CARR	IER INFO	RMA	ATION			
Name of Motor Ca	arrier	COOL RU	NNINGS EXP	RESS					
Street Addres	S								
City	LOMDON	·			KENTUCK	Y	Zip	407410	
DOT No.		683675		ICO	C No.				
Phone Number						umber			
Representative Cor					Positio	n/Title			
Type of Transportatio	n Being P	erformed (i	e Interstate Fo	or-Hire)					
		INS	SURANCE	INFORM	/ATI	ON			
Company									
Street Addres	S								_
City				S	tate	OHIO		Zip	
Representative on									
Policy Numbe	er				Effecti	ve Date on	Policy		
		INSPE	CTION SI	ELECTIO	N S	STEM			
Inspection	n Value				Tot	al Number	of Inspection	ons	
Crash SEA		Vehicl	le SEA Driver SEA						
Vehicle Out-of-				Driver	Out-of-	Service Ra	te		
	Haza	ardous Mat	erials				Yes		No
		(CARGO II	NFORMA	TIOIT	J			
Description	N/A			M	anifest	Number			
Shipper									
Address									
City/State/Zip Code				F	hone I	Number			
Receiver									
A 1 1									
Address									
Address City/State/Zip Code				F	Phone I	Number			
City/State/Zip Code Weight by Manifest		Shippe	ed Date	F	Phone I	Number Deliver	y Date		
City/State/Zip Code Weight by Manifest Hazardous Mate		Shippe	YES	1	VO	Deliver	•		
City/State/Zip Code Weight by Manifest Hazardous Mater Hazardous Materials	Spilled?	Shippe	YES YES	1	VO VO	Deliver	•	pages 15-1	6)
City/State/Zip Code Weight by Manifest Hazardous Materials TEMA Notified	Spilled? I?		YES	1	VO	Deliver	•	pages 15-1	6)
City/State/Zip Code Weight by Manifest Hazardous Materials Hazardous Materials TEMA Notified Clean-up Pe	Spilled? I? rformed B	y	YES YES	1	VO VO	Deliver	•	pages 15-1	6)
City/State/Zip Code Weight by Manifest Hazardous Materials Hazardous Materials TEMA Notified Clean-up Pe Address/City/Si	Spilled? I? rformed B tate/Zip C	y	YES YES	1	NO NO	Deliver (If	•	pages 15-1	6)
City/State/Zip Code Weight by Manifest Hazardous Materials Hazardous Materials TEMA Notified Clean-up Pe	Spilled? I? rformed B tate/Zip C	y	YES YES YES	Rep	NO NO NO resenta	Deliver	•	pages 15-1	6)
City/State/Zip Code Weight by Manifest Hazardous Materials Hazardous Materials TEMA Notified Clean-up Pe Address/City/Si	Spilled? I? rformed B tate/Zip C	y ode	YES YES YES Addition	Rep	NO NO NO resenta	Deliver (If	•	pages 15-1	6)
City/State/Zip Code Weight by Manifest Hazardous Materials TEMA Notified Clean-up Pe Address/City/Si	Spilled? I? rformed B tate/Zip Columber	y ode NO	YES YES YES Addition	Rep	NO NO NO resenta	Deliver (If	•	pages 15-1	6)
City/State/Zip Code Weight by Manifest Hazardous Materials Hazardous Materials TEMA Notified Clean-up Pe Address/City/Si	Spilled? I? rformed B tate/Zip Columber	y ode NO	YES YES YES Addition	Rep	NO NO NO resenta	Deliver (If	•	pages 15-1	6)
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City/State/Zip Code Weight by Manifest Hazardous Materials TEMA Notified Clean-up Pe Address/City/Si	Spilled? I? rformed B tate/Zip Columber	y ode NO	YES YES YES Addition	Rep	NO NO NO resenta	Deliver (If	•	pages 15-1	6)
City/State/Zip Code Weight by Manifest Hazardous Materials TEMA Notified Clean-up Pe Address/City/Si	Spilled? I? rformed B tate/Zip Columber	y ode NO	YES YES YES Addition	Rep	NO NO NO resenta	Deliver (If	•	pages 15-1	6)
City/State/Zip Code Weight by Manifest Hazardous Materials TEMA Notified Clean-up Pe Address/City/Si	Spilled? I? rformed B tate/Zip Columber	y ode NO	YES YES YES Addition	Rep	NO NO NO resenta	Deliver (If	•	pages 15-1	6)
City/State/Zip Code Weight by Manifest Hazardous Materials TEMA Notified Clean-up Pe Address/City/Si	Spilled? I? rformed B tate/Zip Columber	y ode NO	YES YES YES Addition	Rep	NO NO NO resenta	Deliver (If	•	pages 15-1	6)

				DRIVER	INFORM	IATION				
				DRIVER INFO		CO	-DRIVER I	NFORMATIO	N	
	Name		BENJAMI	N SCOTT BRE	EWER					
	Address									
	State/Zip C		LONDON,	KY 40744						
<u> </u>	lome Phon	<u>e</u>	N/A	-						
Driver Lie	DOB cense Num	har/Ctata								
Dilver Lic	Class	Del/State	DA							
Fı	ndorsemen	ite	N							
	ons/Compli		NONE							
	Oriving Exp		UNK							
	edge of Ro		UNK							
	river Histor		VAILD							
	vious Cras		YES							
				MEDICAL	CERTI	FICATE				
				DRIVER INFO	ORMATION		CO	-DRIVER I	NFORMATIO	N
Date	of Examin	ation								
	e of Expira									
	Lenses		WEARING	CORRECTIV	E LENSES					
I	Hearing Aid	t	N/A							
	Waiver		N/A							
	Medic Alert		N/A		· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		
Exa	amining Do	ctor	LORI BAK	ER						
	Clinic									
	linic Addres		LAB							
Se	eat Belt Typ	oe	LAP							
			DR	IVER'S HO	DURS O	F SERV	ICE			
Date	Driving	On-Duty	TOTAL	Miles Driven	Hours A	Accumulate	d 60/70 Hc	ur Rule	16 hrs-45	mins.
6-15/6-25				0	Hours Accu					
25-Jun	4.25	1	5.25	200		ast Entry in			6/26/2015	-0530
25-Jun	10	1	11	590	Driver in	Violation o			Y	
26-Jun	0.5		0.5	0		. 04		RIVER	1	
28-Jun						y Status at				
						ast Entry in accumulate				
Flectroni	ic Duty Sta	tus (Y/N)		Model	Hours of Service Violations Noted? Serial Number					
	ion Downlo			Model		Unit Se	ized By	Tarribor	1	
omiat							•			
				ASSENGE			N —	D05		
Na		Charity Da	awn Penni	ngton		Race/Sex	NI was by a second	DOB		
Street A		LONDON,	KV 40744		Phone I on Number	vumber	60630996		NO	
	•	LUNDUN,	NI 40/44					DOD	Authorized?	NO
Nai Street A						Race/Sex Phone I	Number	DOB		
City/State				1	Identification		vumber		Authorized?	
Vity/State/	•					Race/Sex		DOB	Authorized?	
Street A							Number	DOB		
	Zip Code				Identification		TUTTIDEI	<u> </u>	Authorized?	
Jily/ State	p 0000				.ac.itinoatic	rambol			. (41.1011204)	

			TRUCK								
Configuration	TRU	JCK TRACTOR	(Example-Truck Tractor, Straight Truck)								
Make	Mo	del	CONV	, ,	Year	2007					
VIN	Ma	nufacture D	ate	May-06							
Company Unit No.	Licens	e Plate	A02614		State	KY					
GVWR	Reg	gistered We	eight	80000	•	•					
Color		neter			No. of Axles	3					
Last Annual Insp		CVSA	Decal								
Registrant	COOL RU	NNINGS EXPRESS IN	IC								
Address											
City	LONDON		Sta	ate	KY		Zip Code	40741			
Owner	SAME AS	ABOVE									
Address											
City			Sta	ate			Zip Code				
		VEHICLE DIME	NSIONS	AND WE	IGHTS						
Distance from Fr	ont Bumper	to Rear (Overall)	73'10"	V	ehicle Weig	ght					
		per to Axle # 1	1' 9 1/2"		Left	Right					
Distance from	Front Bum	per to Axle # 2	22' 2"	Axle #1	5,400	4,400	Note in c	omments if			
Distance from	Front Bum	per to Axle # 3	26' 6 1/2"	Axle #2	6,400	7,600	weight v	vas lost in			
Distance from	Front Bum	per to Axle # 4	61'	Axle #3	1,200	1,600	crash du	e to freight			
Distance from	Front Bum	per to Axle # 5	65'	Axle #4	2,500	3,000	lc	oss.			
Distance from	Front Bum	per to Axle # 6		Axle #5	2,200	1,600					
Distance from	Front Bum	per to Axle # 7		Axle #6							
Distance from	n Rear of T	railer to Front	53' 3"	Axle #7			Total	35,900			
Distance from	Rear of Tra	ailer to Kingpin	50"	Total	17,700	18,200	Gross	35,900			
Distance from King	pin to Cente	er of Trailer Tandem	39' 4"	Location	Weighed	DENTON	WRECKER	₹			
		F	ront Bump	er							
Ground Cleara	ınce	1' 31/2"	Width 9' 1 1/2" Height				27 1/2"				
		F	Rear Bumpe	er							
Ground Cleara	ınce		Width			Height					
	SE	E ATTACHED INSPE	CTION FOR	R ANY VEH	ILE DEFE	CTS					
		С	OMMENT	rs .							
		tional interior equipme	nt and cond	lition such a	as radios, c	ell phones,	etc.)				
CB RADIO PRESENT											

		TRAILER					
Make	GREAT DANE	Model	REEFER	Year 2005			
VIN	1GRAA06266	Manufacture					
Company Unit No.	5555	License Plate	637402	State KY			
GVWR	68000	Registered W	/eight N/A				
Color	WHITE	Hub Reading	T	No. of Axles 2			
Last Annual Insp			A Decal				
Registrant	COOL RUNNINGS EXPRES	SS INC.					
Address							
City	LONDON	State	KY	Zip 40743			
Owner	SAME AS ABOVE	•	•				
Address							
City		State		Zip			
,		TRAILER # 2					
Make		Model		Year			
VIN		Manufacture	Date				
Company Unit No.		License Plate		State			
GVWR		Registered W	/eight				
Color		Hub Reading		No. of Axles			
Last Annual Insp	pection		A Decal				
Registrant							
Address							
City		State		Zip			
Owner							
Address							
City		State		Zip			
	CC	NVERTER DOLLY					
Make		Model		Year			
VIN		Manufacture	Date				
Company Unit No.		License Plate		State			
GVWR		Registered W	/eight				
Color		Hub Reading		No. of Axles			
Last Annual Insp	ection	CVS	A Decal				
Registrant							
Address							
City		State		Zip			
Owner							
Address							
City		State		Zip			
		OUPLING DEVICES					
	Туре	FIFTH WHEEL / KIN	IG PIN				
	Secured to Vehicle YES						
Safe	Safety Devices Intact YES						
How Many 1							
COUPLING AND SECUREMENT OF CARGO							
	Number of Tie Downs N/A						
71	be of Tie Downs	N/A					
Siz	e of Tie Downs	N/A					
	Load Cover	N/A					
	leader Board	YES					
Trailer	Suspension/Frame	OK					

TIRE INFORMATION

	Driver Side			Passenger Side				
Axle 1								
Size			285/75	R 24.5	285/75	R 24.5		
Make			YOKA	НОМА	YOKA	НОМА		
Design			ROYR	Y 6177	ROYR	Y 6177		
Pressure			1	15	(<u> </u>	1	
Tread Depth	1		Max 10/32	Min	Max 10/32	Min		
Axle 2	Out	side		side		ide	Out	side
Size		R24.5		R24.5		R24.5		0 24.5
Make		ODRICH		ODRICH	4	ODRICH		ODRICH
Design		R44		R44		20 KICH		R44
Pressure		15		00		10		00
	Max	Min	Max	Min	Max	Min	Max	Min
Tread Depth	21/32	IVIIII	22/32	IVIIII	20/32	IVIIII	20/32	IVIIII
Axle 3		side		side		ide		side
Size	275/80	R24.5	275/80 R24.5		275/80 R24.5		275/80) R24.5
Make		ODRICH	BF GOODRICH		BF GOODRICH			ODRICH
Design		R44	DR44		DR44			R44
Pressure	9)5	105		100		1	00
Trood Donth	Max	Min	Max	Min	Max	Min	Max	Min
Tread Depth	20/32		20/32		22/32		20/32	
Axle 4	Out	side	Ins	side	Ins	ide	Out	side
Size	295/75	SR 22.5	295/75R 22.5		295/75R 22.5		295/75	5R 22.5
Make	GEN	ERAL	GEN	ERAL	GEN	ERAL	GEN	ERAL
Design	ST	250	ST	250	ST250		ST	250
Pressure		0		5		6		04
Tread Depth	Max 9/32	Min	Max 9/32	Min	Max 9/32	Min	Max 9/32	Min
Axle 5		side		side	Inside			side
Size	295/75	SR 22.5	295/75	5R 22.5	295/75	SR 22.5	295/75	5R 22.5
Make	GEN	ERAL	GEN	ERAL	SUPER	CARGO	SUPER	CARGO
Design	ST	250	ST	250	SC05		SC	C05
Pressure	10	00	9	95	9)6	3	30
Tread Depth	Max 11/32	Min	Max	Min	Max 7/32	Min	Max 8/32	Min

TIRE INFORMATION

		Drive	r Side		Passenger Side			
Axle 6	Out	side	Inside		Inside		Outside	
Size								
Make								
Design								
Pressure	N 4	N 41:	N.4	N 41:	N.4	N 41:	N 4	N 4:
Tread Depth	Max	Min	Max	Min	Max	Min	Max	Min
Axle 7	Out	side	Ins	ide	Ins	ide	Out	side
Size								
Make								
Design								
Pressure		B 41		N 4"		N 4"		N 4:
Tread Depth	Max	Min	Max	Min	Max	Min	Max	Min
Axle 8	Outside		Inside		Inside		Outside	
Size								
Make								
Design								
Pressure								
Tread Depth	Max	Min	Max	Min	Max	Min	Max	Min
Axle 9	Out	side	Ins	ide	Ins	ide	Out	side
Size								
Make								
Design								
Pressure	L							
Tread Depth	Max	Min	Max	Min	Max	Min	Max	Min
Axle 10	Out	side	Ins	ide	Ins	ide	Out	side
Size								
Make								
Design								
Pressure								
Tread Depth	Max	Min	Max	Min	Max	Min	Max	Min

BRAKE SYSTEM						
Who is responsible for brake adjustments	COOL RUNNINGS EXPRESS					
When were the brakes last adjusted	UNK					
	Notes					

AIR BRAKE SYSTEM

Type	S-cam	Disc	Wedge
, i			
Air Loss on Brake Application	N/A		
Low/Air Vacuum Warning Device	OK		
Engine Brake	UNK		
Tractor Protection Valve	INOP		
Auto Trailer Brake Application	OK		
Air Tank Securement	OK		
Air Lines	OK		
Glad Hands	OK		

Notes

SUPPLY AIR LINE TO RT AXLE 4 WORN INTO CORDS. EMERGENCY AIR SAME AXLE WORN THROUGH OUTER PLY. NEITHER WERE LEAKING.

HYDRAULIC BRAKE SYSTEM

Туре						
Hy Power	Dual Power					
Hydro Max	Air Hydraulic Intensifier					
Master Cylinder Fluid Level						
	Fluid Leaks					
Master Cylinder	Wheel Cylinder					
Brake Lines	Brake Indicator Lamps					
Notes						

AIR BRAKE SYSTEM MEASUREMENTS

- A = Distance from face of chamber to center of clevis pin @ full brake application
- B = Slack Adjuster Length
- C = Distance from center of push rod (at the face of the chamber) to the center of the cam shaft)

Enter fractions as a whole number, space, fraction

Axle 1	Left	Right	Slacks	Left	Right
Drum Diameter	15.5	16	Auto/Manual	AUTO	AUTO
Applied	3.88	3.88	Α	3.75	3.88
Released	2.20	2.50	В	5.50	5.50
Travel	1.63	1.38	С	5.88	5.88
Size	24	24	Angle		
Rolling Radius	19	19		_	

Axle 2	Left	Right	Slacks	Left	Right
Drum Diameter	16	16	Auto/Manual	AUTO	AUTO
Applied	4.50	4.63	Α	4.50	4.63
Released	3.00	3.00	В	5.50	5.50
Travel	1.50	1.63	С	6.88	6.88
Size	30	30	Angle		
Rolling Radius	21	21			

Axle 3	Left	Right	Slacks	Left	Right
Drum Diameter	16	16	Auto/Manual	AUTO	AUTO
Applied	4.63	4.25	Α	4.63	4.25
Released	3.13	3.00	В	5.50	5.50
Travel	1.50	1.25	С	6.88	6.88
Size	30		Angle		
Rolling Radius	21				

Axle 4	Left	Right	Slacks	Left	Right
Drum Diameter	16	16	Auto/Manual	AUTO	AUTO
Applied	13.13	12.38	Α	13.13	12.13
Released	12.13	11.13	В	5.50	5.50
Travel	1.00	1.25	С	13.00	13.00
Size	30	30	Angle		
Rolling Radius	20	20			

Axle 5	Left	Right	Slacks	Left	Right
Drum Diameter	16	16	Auto/Manual	AUTO	AUTO
Applied	12.50	13.00	Α	12.50	13.00
Released	11.13	11.75	В	6.50	6.50
Travel	1.38	1.25	С	14.38	14.38
Size	30	30	Angle		
Rolling Radius	20	20			

AIR BRAKE SYSTEM MEASUREMENTS

- A = Distance from face of chamber to center of clevis pin @ full brake application
- B = Slack Adjuster Length
- C = Distance from center of push rod (at the face of the chamber) to the center of the cam shaft)

Enter fractions as a whole number, space, fraction

Axle 6	Left	Right	Slacks	Left	Right
Drum Diameter			Auto/Manual		
Applied			Α		
Released			В		
Travel	0.00	0.00	С		
Size			Angle		
Rolling Radius					

Axle 7	Left	Right	Slacks	Left	Right
Drum Diameter			Auto/Manual		
Applied			Α		
Released			В		
Travel	0.00	0.00	С		
Size			Angle		
Rolling Radius					

Axle 8	Left	Right	Slacks	Left	Right
Drum Diameter			Auto/Manual		
Applied			Α		
Released			В		
Travel	0.00	0.00	С		
Size			Angle		
Rolling Radius					

Axle 9	Left	Right	Slacks	Left	Right
Drum Diameter			Auto/Manual		
Applied			Α		
Released			В		
Travel	0.00	0.00	С		
Size			Angle		
Rolling Radius					

Axle 10	Left	Right	Slacks	Left	Right
Drum Diameter			Auto/Manual		
Applied			Α		
Released			В		
Travel	0.00	0.00	С		
Size			Angle		
Rolling Radius					

ANGLE WORKSHEET

Cosine	of	Angle =	C2 -	A^2 -	B ²	÷-	2AB
••••	•	,g				•	

	Left				
Axle 1	A =	3.75	$A^2 =$	14.0625	
	B =	5.50	$B^2 =$	30.25	
	C =	5.88	$C^2 =$	34.5744	
$C^2 - A^2 - B^2 =$			-9.7381		
~ -2AB=			-41.25		
Cos of the Angle =			0.236075152		
Inverse Angle=			1.332471482		
		Angle =	76.344	199226	

	Right					
Axle 1	A =	A = 3.88		15.0544		
	B =	B = 5.50		30.25		
	C =	5.88	$C^2 =$	34.5744		
	$C^2 - A^2 - B^2 =$			-10.73		
	~ -2AB=			68		
	Cos of the Angle =			0.251405811		
	Inverse Angle=			63884		
	Angle =			28358		

	Left				
Axle 2	A =	4.50	$A^2 =$	20.25	
	B = 5.50		$B^2 =$	30.25	
	C =	6.88	$C^2 =$	47.3344	
$C^2 - A^2 - B^2 =$			-3.1656		
~ -2AB=			-49.5		
Cos of the Angle =			0.063951515		
Inverse Angle=			1.50680114		
		Angle =	86.33334587		

		Right				
Axle 2	A =	A = 4.63		21.4369		
	B =	5.50	$B^2 =$	30.25		
	C =	6.88	$C^2 =$	47.3344		
$C^2 - A^2 - B^2 =$			-4.3525			
~ -2AB=			-50	0.93		
Cos of the Angle =			0.085460436			
Inverse Angle=			1.485231521			
Angle =			85.097	749775		

	Left					
Axle 3	A =	4.63	$A^2 =$	21.4369		
	B =	5.50	$B^2 =$	30.25		
	C =	6.88	$C^2 =$	47.3344		
$C^2 - A^2 - B^2 =$			-4.3525			
		~ -2AB=	-50	.93		
Cos of the Angle =			0.085460436			
Inverse Angle=			1.4852	231521		
		Angle =	85.097	49775		

	Right				
Axle 3	A = 4.63		$A^2 =$	21.4369	
	B =	B = 5.50		30.25	
	C =	6.88	$C^2 =$	47.3344	
$C^2 - A^2 - B^2 =$			-4.3	525	
~ -2AB=			-50	.93	
Cos of the Angle =			0.085460436		
Inverse Angle=			1.4852	231521	
		Angle =	85.097	49775	

	Left					
Axle 4	A =	13.13	$A^2 =$	172.3969		
	B =	5.50	$B^2 =$	30.25		
	C =	13.00	13.00 $C^2 =$			
$C^2 - A^2 - B^2 =$			-33.6469			
~ -2AB=			-14	4.43		
	Cos of t	he Angle =	0.232963373			
Inverse Angle=			1.335672535			
		Angle =	76.528	39905		

		ght		
Axle 4	A =	12.13	$A^2 =$	147.1369
AXIE 4	B =	5.50	$B^2 =$	30.25
	C =	13.00	$C^2 =$	169
$C^2 - A^2 - B^2 =$			-8.3	869
~ -2AB=			-133	3.43
Cos of the Angle =			0.0628	356179
Inverse Angle=			1.5078	398684
Angle =			86.396	323053

Left					
A =	12.50	$A^2 =$	156.25		
B =	6.50	$B^2 =$	42.25		
C =	14.38	$C^2 =$	206.7844		
$C^2 - A^2 - B^2 =$			8.2844		
~ -2AB=			2.5		
Cos of the Angle =			980923		
Inverse Angle=			799359		
Angle =			225851		
	B = C = C	$A = 12.50$ $B = 6.50$ $C = 14.38$ $C^2 - A^2 - B^2 = -2AB = $ Cos of the Angle = Inverse Angle=	A =		

	Right				
Axle 5	A =	13.00	$A^2 =$	169	
	B =	6.50	$B^2 =$	42.25	
	C =	14.30	$C^2 =$	204.49	
$C^2 - A^2 - B^2 =$			-6.	76	
~ -2AB=			-1	69	
Cos of the Angle =			0.	04	
Inverse Angle=			1.5307	785652	
Angle =			87.707	755722	

ANGLE WORKSHEET (2)

Cosine of Angle = $C^2 - A^2 - B^2 \div - 2AB$
--

	Left				
Avla 6	A =		$A^2 =$	0	
Axle 6	B =		$B^2 =$	0	
	C =		$C^2 =$	0	
$C^2 - A^2 - B^2 =$			()	
~ -2AB=			()	
Cos of the Angle =			#DI	V/0!	
Inverse Angle=			#DI	V/0!	
		Angle =	#DI	V/0!	

	Right			
Axle 6	A =		$A^2 =$	0
	B =		$B^2 =$	0
	C =		$C^2 =$	0
$C^2 - A^2 - B^2 =$			()
~ -2AB=			()
Cos of the Angle =			#DI	V/0!
Inverse Angle=			#DI	V/0!
		Angle =	#DI	V/0!

	Left			
Axle 7	A =		$A^2 =$	0
	B =		$B^2 =$	0
	C =		$C^2 =$	0
$C^2 - A^2 - B^2 =$			()
~ -2AB=			()
Cos of the Angle =			#DI	V/0!
Inverse Angle=			#DI	V/0!
Angle =			#DI	V/0!

	Right				
Axle 7	A =		$A^2 =$	0	
	B =		$B^2 =$	0	
	C =		$C^2 =$	0	
$C^2 - A^2 - B^2 =$			(C	
~ -2AB=			()	
Cos of the Angle =			#DI	V/0!	
Inverse Angle=			#DI	V/0!	
Angle =			#DI	V/0!	

	Left			
Axle 8	A =		$A^2 =$	0
	B =		$B^2 =$	0
	C =		$C^2 =$	0
$C^2 - A^2 - B^2 =$		()	
~ -2AB=		()	
Cos of the Angle =			#DI	V/0!
Inverse Angle=		#DIV/0!		
	Angle =			V/0!

	Right			
Axle 8	A =		$A^2 =$	0
	B =		$B^2 =$	0
	C =		$C^2 =$	0
$C^2 - A^2 - B^2 =$			()
~ -2AB=			()
Cos of the Angle =			#DI	V/0!
	Inverse Angle=		#DI	V/0!
		Angle =	#DI	V/0!

	Left			
Axle 9	A =		$A^2 =$	0
	B =		$B^2 =$	0
	C =		$C^2 =$	0
$C^2 - A^2 - B^2 =$			()
~ -2AB=			()
Cos of the Angle =				V/0!
Inverse Angle=			#DI	V/0!
	Angle =			V/0!

		Rig	ght	
Avia	A =		$A^2 =$	0
Axle 9	B =		$B^2 =$	0
	C =		$C^2 =$	0
$C^2 - A^2 - B^2 =$			()
~ -2AB=			()
Cos of the Angle =			#DI	V/0!
Inverse Angle=			#DI	V/0!
	Angle =			V/0!

	Left					
Axle 10	A =		$A^2 =$	0		
	B =		$B^2 =$	0		
	C =		$C^2 =$	0		
$C^2 - A^2 - B^2 =$			0			
~ -2AB=			0			
Cos of the Angle =			#DIV/0!			
Inverse Angle=			#DIV/0!			
Angle =			#DIV/0!			

	Right					
Axle 10	A =		$A^2 =$	0		
	B =		$B^2 =$	0		
	C =		$C^2 =$	0		
	$C^2 - A^2 - B^2 =$			0		
~ -2AB=			0			
Cos of the Angle =			#DIV/0!			
Inverse Angle=			#DIV/0!			
Angle =			#DIV/0!			

HAZA	RDOUS	MATER	RIALS IN	IFORM.	ATION S	SHEET		
Shipping Paper No.								
	Shipper's Name							
	Address							
Hazardous Mate	erials as Lis	sted On Sh	ipping Pap	er (Full De	escription	of Each Pro	oduct)	
Proper Shipping Name			Hazard Class		ID Number	Packing Group	Qua	anity
Name of Party Signing Ship	nore Cartifi	cation	ı					
Name of Farty Signing Sing				N/AOE	•			
			JLK PAC		<u> </u>			
	I		ckage Fail					
Type of Package	Failed Y/N			Describ	e Package	Failure		
MAF	RKING II	NFORM	ATION/0	CHARA	CTERIS	TICS		
Product Name		Primary Ha	azard Class	Seconda	ary Hazrd	Hazardous Waste	Hazardous Substance	Violations
						Waste	Oubstance	
	ABELIN							
Product Name		Lab	el(s) Requ	ired	Plac	ard(s) Req	uired	Violations
			NOTES					
			110110					

	CARG	O TANK/BUL	(PACKAGE				
		ATION PLATE					
	Tank Ma	anufacturer					
Serial No.				Material			
Tank Specification				Material			
Date of Manufact				Materials			
Design Pressure / M				ign Density			
Number of Compart	ments			duct Load			
Tank Cap	pacity (per comp)	omp) 1) 4)		2) 5)	3)		
	300/	400/500 SERIE		0)	O)		
Shell Thickness				Thickness			
Head Mfg Thickno	ess		Head Min	Thickness			
	T	EST DATE MA	RKING				
Month		Year		Type of Te	st		
			"V"		xternal Visual		
			" "	I	nternal Visual		
			"K"	l	₋eakage Test		
			"P"		Pressure Test		
			"T"	Т	hickness Test		
			"L"		Lining Test		
	ACCIDE	NT DAMAGE		ON			
	Failed to Protect		Damaged Not Dama d not fail to protect)		Not Damaged		
Overturn Protection							
Rear-End Protection							
Bottom Damage Protection							
	C	ARGO TANK D	AMAGE				
		Location of Lea	kage				
	None						
Front Head		Rear Head			е Тор		
Front Head Weld		Rear Head Weld			Bottom		
Shell Left Front		Shell Right Front			t Top		
Shell Left Rear		Shell Right Rear			Assembly		
Shell Weld		Bulkhead Weld			ping		
Baffle Weld		Attachment Weld			n Assembly ther		
5th Wheel Connection		Other CHARACTERIS	STICS	U	incl		
	Tyma						
Bulk Head	туре	of Circumferential R	Baffle				
Ring Stiffners			N/A				
	me Loaded per Compa	artment	Tank Dimensions				
Comp 1	Comp 5			Height			
Comp 2	Comp 6				Width		
Comp 3	Comp 7				Length		
Compa					Lengun		

	ATTACHMENT LIST
1	DRIVER/VEHICLE EXAMINATION REPORT (DVER)
2	
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