

APPENDIX B

AXLE WEIGHT DISTRIBUTION AT WIM SITES (3 TABLES)

AXLE WEIGHT DISTRIBUTION AT THE WIM SITE FOR DAYTIME DURING PERIOD 07/19/77 TO 08/02/77 AT
 KM 1 DF. BR-040
 Direction - Belo Horizonte/Brasília

		WEIGHT	Nº OF OBS.	PERCENT.			WEIGHT	Nº OF OBS.	PERCENT.
FRONT AXLES		< 2000 KG	32	0.11	SINGLE REAR AXLES		< 2000 KG	3	0.04
		2000 - 3000	176	0.61			2000 - 3000	26	0.13
		3000 - 4000	68	0.23			3000 - 4000	12	0.06
		4000 - 5000	13	0.04			4000 - 5000	13	0.06
		5000 - 6000	1	0.00			5000 - 6000	17	0.08
		6000 - 7000	0	0.00			6000 - 7000	21	0.10
		> 7000	0	0.00			7000 - 8000	24	0.11
	TOTAL		290			8000 - 9000	24	0.11	
TRIPLE REAR AXLES		< 8000 KG	0	0.00		9000 - 10000	20	0.10	
		8000 - 9000	0	0.00		10000 - 11000	34	0.16	
		9000 - 10000	0	0.00		11000 - 12000	7	0.03	
		10000 - 11000	0	0.00		12000 - 13000	1	0.00	
		11000 - 12000	0	0.00		13000 - 14000	0	0.00	
		12000 - 13000	0	0.00		14000 - 15000	0	0.00	
		13000 - 14000	0	0.00		15000 - 16000	0	0.00	
		14000 - 15000	0	0.00		> 16000	0	0.00	
		15000 - 16000	0	0.00		TOTAL		217	
		16000 - 17000	0	0.00	TANDEM REAR AXLES		< 2000 KG	0	0.00
		17000 - 18000	0	0.00			2000 - 3000	0	0.00
		18000 - 19000	0	0.00			3000 - 4000	0	0.00
		19000 - 20000	0	0.00			4000 - 5000	3	0.13
		20000 - 21000	0	0.00			5000 - 6000	2	0.03
		21000 - 22000	0	0.00			6000 - 7000	2	0.03
		22000 - 23000	1	0.33			7000 - 8000	3	0.04
		23000 - 24000	0	0.00			8000 - 9000	3	0.04
		24000 - 25000	0	0.00			9000 - 10000	1	0.01
		25000 - 26000	1	0.33			10000 - 11000	2	0.03
		26000 - 27000	0	0.00			11000 - 12000	3	0.04
		27000 - 28000	0	0.00			12000 - 13000	2	0.03
		28000 - 29000	0	0.00			13000 - 14000	7	0.10
		29000 - 30000	0	0.00		14000 - 15000	4	0.06	
	30000 - 31000	0	0.00		15000 - 16000	3	0.13		
	31000 - 32000	0	0.00		16000 - 17000	7	0.10		
	32000 - 33000	0	0.00		17000 - 18000	0	0.00		
	33000 - 34000	0	0.00		18000 - 19000	4	0.06		
	> 34000	0	0.00		19000 - 20000	1	0.01		
	TOTAL		3			20000 - 21000	2	0.03	
						21000 - 22000	2	0.03	
						22000 - 23000	1	0.01	
						23000 - 24000	0	0.00	
						> 24000	0	0.00	
						TOTAL		70	

AXLE WEIGHT DISTRIBUTION AT THE WIM SITE FOR DAY AND NIGHT DURING PERIOD 08/03/77 TO 08/10/77 AT
 KM 1 DF. BR-040
 Direction - Belo Horizonte/Brasília

		WEIGHT	Nº OF OBS.	PERCENT.			WEIGHT	Nº OF OBS.	PERCENT.
FRONT AXLES		< 2000 KG	261	8.4	SINGLE REAR AXLES		< 2000 KG	49	2.1
		2000 - 3000	1592	51.5			2000 - 3000	227	10.0
		3000 - 4000	944	30.5			3000 - 4000	152	6.7
		4000 - 5000	275	8.9			4000 - 5000	137	6.1
		5000 - 6000	22	0.7			5000 - 6000	214	9.4
		6000 - 7000	0	0.0			6000 - 7000	252	11.1
		> 7000	0	0.0			7000 - 8000	260	11.4
		TOTAL	3094				8000 - 9000	205	9.0
							9000 - 10000	346	15.2
TRIPLE REAR AXLES		< 3000 KG	3	3.9		10000 - 11000	266	11.7	
		8000 - 9000	0	0.0		11000 - 12000	129	5.7	
		9000 - 10000	0	0.0		12000 - 13000	31	1.4	
		10000 - 11000	0	0.0		13000 - 14000	6	0.3	
		11000 - 12000	0	0.0		14000 - 15000	0	0.0	
		12000 - 13000	0	0.0		15000 - 16000	0	0.0	
		13000 - 14000	3	3.9		16000 - 17000	0	0.0	
		14000 - 15000	1	1.3		TOTAL	2275		
		15000 - 16000	0	0.0	TANDEM REAR AXLES		< 2000 KG	0	0.0
		16000 - 17000	5	6.6			2000 - 3000	0	0.0
		17000 - 18000	2	2.6			3000 - 4000	5	2.6
		18000 - 19000	1	1.3			4000 - 5000	41	4.6
		19000 - 20000	3	3.9			5000 - 6000	30	3.3
		20000 - 21000	1	1.3			6000 - 7000	39	4.3
		21000 - 22000	6	7.9			7000 - 8000	25	2.8
		22000 - 23000	6	7.9			8000 - 9000	18	2.0
		23000 - 24000	9	11.8			9000 - 10000	21	2.3
		24000 - 25000	7	9.2			10000 - 11000	31	3.4
		25000 - 26000	7	9.2			11000 - 12000	44	4.9
		26000 - 27000	4	5.3			12000 - 13000	38	4.2
	27000 - 28000	4	5.3			13000 - 14000	41	4.6	
	28000 - 29000	6	7.9			14000 - 15000	53	5.9	
	29000 - 30000	4	5.3			15000 - 16000	91	10.1	
	30000 - 31000	4	5.3			16000 - 17000	129	14.3	
	31000 - 32000	0	0.0			17000 - 18000	106	11.8	
	32000 - 33000	0	0.0			18000 - 19000	83	9.2	
	33000 - 34000	0	0.0			19000 - 20000	50	5.6	
	34000 - 35000	0	0.0			20000 - 21000	29	3.2	
	> 35000	0	0.0		21000 - 22000	18	2.0		
	TOTAL	76			22000 - 23000	5	0.6		
					23000 - 24000	3	0.3		
					> 24000	0	0.0		
					TOTAL	900			

AXLE WEIGHT DISTRIBUTION AT THE WIM SITE FOR DAY AND NIGHT DURING PERIOD 08/17/77 TO 08/24/77
 AT DNER RESIDENCE IN ANÁPOLIS
 Direction - Anápolis/Brasília

	WEIGHT			WEIGHT			
		Nº OF OBS.	PERCENT.		Nº OF OBS.	PERCENT.	
FRONT AXLES	< 2000 KG	272	11.4	< 2000 KG	77	5.2	
	2000 - 3000	762	31.9	2000 - 3000	191	12.1	
	3000 - 4000	784	32.9	3000 - 4000	197	12.5	
	4000 - 5000	463	19.7	4000 - 5000	111	7.4	
	5000 - 6000	95	4.0	5000 - 6000	113	7.6	
	6000 - 7000	2	0.1	6000 - 7000	127	8.5	
	> 7000	1	0.0	7000 - 8000	124	8.6	
	TOTAL	2395		8000 - 9000	173	11.8	
TRIPLE REAR AXLES	< 3000 KG	25	21.6	9000 - 10000	95	6.4	
	3000 - 4000	1	0.9	10000 - 11000	65	4.3	
	4000 - 5000	1	0.9	11000 - 12000	23	1.6	
	5000 - 6000	1	0.9	12000 - 13000	32	2.1	
	6000 - 7000	1	0.9	13000 - 14000	53	3.5	
	7000 - 8000	1	0.9	14000 - 15000	10	0.7	
	8000 - 9000	3	2.6	15000 - 16000	0	0.0	
	9000 - 10000	7	6.0	> 16000	0	0.0	
	10000 - 11000	8	6.9	TOTAL	1495		
	11000 - 12000	4	3.4	TANDEM REAR AXLES	< 2000 KG	0	0.0
	12000 - 13000	1	0.9		2000 - 3000	1	0.1
	13000 - 14000	1	0.9		3000 - 4000	27	2.8
	14000 - 15000	1	0.9		4000 - 5000	73	7.7
	15000 - 16000	1	0.9		5000 - 6000	24	2.5
	16000 - 17000	1	0.9		6000 - 7000	21	2.2
	17000 - 18000	3	2.6		7000 - 8000	23	3.0
18000 - 19000	7	6.0	8000 - 9000		13	1.9	
19000 - 20000	4	3.4	9000 - 10000		13	1.4	
20000 - 21000	1	0.9	10000 - 11000		16	1.7	
21000 - 22000	1	0.9	11000 - 12000		14	2.0	
22000 - 23000	0	0.0	12000 - 13000		31	3.3	
23000 - 24000	2	1.7	13000 - 14000		32	3.4	
24000 - 25000	5	4.3	14000 - 15000		43	4.7	
25000 - 26000	4	3.4	15000 - 16000		50	5.3	
26000 - 27000	4	3.4	16000 - 17000		36	3.1	
27000 - 28000	10	8.6	17000 - 18000	129	13.2		
28000 - 29000	8	6.9	18000 - 19000	131	13.8		
29000 - 30000	4	3.4	19000 - 20000	113	12.4		
30000 - 31000	7	6.0	20000 - 21000	37	3.2		
31000 - 32000	4	3.4	21000 - 22000	26	2.7		
32000 - 33000	5	4.3	22000 - 23000	9	0.9		
33000 - 34000	5	4.3	23000 - 24000	10	1.1		
34000 - 35000	3	2.6	> 24000	15	1.6		
> 35000	2	1.7	TOTAL	543			
TOTAL	116						

