



Model: MVP-EF
 Units Ordered: 2
 Order Numbers: 48108 - 48109
 Quote Number: 141030
 Locality: SC
 Build Date: 1/19/2004

- GENERAL NOTES
1. SOME ITEMS, SUCH AS CV MIRRORS, ROOF LUGGAGE RACKS, AND OTHER ITEMS, ARE SHOWN IN ONE VIEW ONLY FOR CLARITY.
 2. THIS DRAWING IS A REPRESENTATION ONLY AND MAY NOT HAVE ALL ITEMS REQUIRED. PLEASE REFER TO ORDERING.
 3. THE CLEARANCES BETWEEN BOTTOM OF BUS OR BOTTOM OF UNDERBODY COMPARTMENTS AND GROUND WILL VARY ACCORDING TO TIRE SIZE, BUS LOAD, AND SUSPENSION TYPE.
 4. THE MAXIMUM WIDTH AT BELT LINE OVER GUARD RAILS IS 96".

THOMAS BUILT BUSES, INC
 HIGH POINT, NC WOODSTOCK, CANADA

TITLE **PLAN AND ELEVATION BODY 1108N**
 DRN: 09-15-03 BY: DOVER (J.S.) DWG. NO.: **214437**
 SCALE 3/8"=12" **S**

CAD DRAWING
 DO NOT
 MAKE MANUAL
 CHANGES

***** WEIGHT O.K. *****

SEATINGPLAN: 214437
 ORDER NO: 141030
 YARD NO:
 BODY MODEL: 1108
 CHASSIS MAKE: THOS
 WHEELBASE: 174.0
 DATE: 09-15-03
 TIME: 14:08:00

Weight Summary	Front	%Front	Rear	%Rear	Total
Total Weight	9634.00	45.48%	11550.00	54.52%	21184.00
Allowables	11350.00		19000.00		30350.00
Unladen	8164.57	48.07%	8819.43	51.93%	16984.00
Base Body	2466.37		3603.63		6070.00
Body Options	280.44		1859.56		2140.00
Base Chassis	4754.00		2951.00		7705.00
Chassis Options	663.75		405.25		1069.00
Passenger	1469.44		2730.56		4200.00
State Special	0.00		0.00		0.00

NOTES:

 * THE WEIGHT AND AXLE RATINGS IN THIS REPORT APPLY ONLY TO *
 * ORDER NO. 141030 AND REFERENCE SEATING PLAN 214437 *
 * ANY OPTIONS EXCEEDING 20 LBS. OR SEATING PLAN CHANGES NOT ON *
 * THIS REPORT OR MADE AFTER THE SUBMISSION DATE AND TIME WILL *
 * NULLIFY RESPONSIBILITY OF THOMAS BUILT BUSES ENGINEERING *
 * DEPARTMENT OF THE SAFE OPERATION OF THE VEHICLE *

* THIS SHEET MUST ACCOMPANY ORIGINAL ORDER.
 SIGNATURE OF ENGINEERING APPROVAL:

Diane Overcash

***** BODY OPTIONS *****		Front	Rear	Total
Option	Description			
B158000110	PLYWOOD FLOOR	-33.04	381.04	348.00
B188122110	TRANSIT SASH - 28.5"H(FU)7/32"	57.72	134.28	192.00
B202001000	FIRE EXTINGUISHER 5 LB.	4.91	0.09	5.00
B2050FL000	KIT-FIRST AID,10 UNIT,FLORIDA	3.00	0.00	3.00
B209004000	REFL TRIANGLES 3-STORAGE COMPT	11.00	0.00	11.00
B216002000	DEFROSTER FAN-MTD OVER W/S,CTR	2.97	0.03	3.00
B231011000	BACK-UP ALARM - 112DB	-1.31	3.31	2.00
B260305006	PREMIUM SPEAKERS - SIX (6)	7.00	0.00	7.00
B260400300	RAD-AM/FM W/ CASS (MVP-EF)	14.57	-3.57	11.00
B260500300	MIC & CONNTRS-RADIO W/PAG(EF)	7.95	-1.95	6.00
B323000000	DRIVERS DOME	1.00	0.00	1.00
B344001000	DIRECTIONAL/STOP/BACK-UP LIGHT	3.00	0.00	3.00
B412006030	50,000 BTU HEATER-LS	6.13	9.87	16.00
B531000110	78" HEADROOM	47.00	88.00	135.00
B540100110	SMOOTH SIDE SHEETS - 16 GAUGE	22.44	223.56	246.00
B565902000	MUD FLAPS RUBBER 19.5 W	-0.80	7.80	7.00
B566001000	FRT MUD FLPS RUB 19.5 W-W/LOGO	7.00	0.00	7.00
B575005110	CEILING ASSIST RAILS	2.83	28.17	31.00
B575607000	RS ASSIST RAIL-MVP-EF (ADA)	3.00	0.00	3.00
B575609000	LS ASSIST RAIL-MVP-EF (ADA)	3.00	0.00	3.00
B591000110	LUGGAGE RACKS - BOTH SIDES	15.24	151.76	167.00
B610400175	AIR SUSPENSION PEDESTAL	13.10	-3.10	10.00
B610401000	THOMAS DRV'S SEAT W/ADJ BACK	37.97	-7.97	30.00

* * * WEIGHT DISTRIBUTION REPORT * * *

B631018000	18" NEA PASSENGER SEAT RIGHT SIDE	-5.50	26.50	21.00
B631036000	36" NEA PASSENGER SEAT LEFT SIDE	39.32	-0.32	39.00
B631036000	36" NEA PASSENGER SEAT LEFT SIDE	31.25	7.75	39.00
B631036000	36" NEA PASSENGER SEAT LEFT SIDE	23.18	15.82	39.00
B631036000	36" NEA PASSENGER SEAT LEFT SIDE	15.12	23.88	39.00
B631036000	36" NEA PASSENGER SEAT LEFT SIDE	7.05	31.95	39.00
B631036000	36" NEA PASSENGER SEAT LEFT SIDE	-1.02	40.02	39.00
B631036000	36" NEA PASSENGER SEAT LEFT SIDE	-9.09	48.09	39.00
B631036000	36" NEA PASSENGER SEAT RIGHT SIDE	37.19	1.81	39.00
B631036000	36" NEA PASSENGER SEAT RIGHT SIDE	29.12	9.88	39.00
B631036000	36" NEA PASSENGER SEAT RIGHT SIDE	21.05	17.95	39.00
B631036000	36" NEA PASSENGER SEAT RIGHT SIDE	4.02	34.98	39.00
B631036000	36" NEA PASSENGER SEAT RIGHT SIDE	-4.05	43.05	39.00
B704810001	RICON LIFT(S5003-ADA)	-172.28	537.28	365.00
B708304000	Q-STRAINT W/C REST SYS,FLSH-MT LEFT SIDE	-2.24	6.24	4.00
B708304000	Q-STRAINT W/C REST SYS,FLSH-MT RIGHT SIDE	-2.21	6.21	4.00
STD08STCHL	STD STANCHION LEFT SIDE FOR NONSCHOOL MVP-EF	19.00	-2.00	17.00
STD08STCHR	STD STANCHION RIGHT SIDE FOR NONSCHOOL MVP-EF	14.84	-0.84	14.00

Body Option Total		280.44	1859.56	2140.00

***** CHASSIS OPTIONS *****				
Option	Description	Front	Rear	Total
C117202000	AIR ACCESSORY SYSTEM (MVP-EF)	5.06	19.94	25.00
C134208585	LEECE-NEVILLE 160 AMP ALT.	25.55	-6.55	19.00
C236014190	CAT C7-207HP ENGINE (MVP-EF)	365.09	-80.09	285.00
C340201000	STEPWELL GUARD	28.05	-8.05	20.00
C341503000	124 1/8" REAR FRAME OVERHANG	0.00	0.00	0.00 **
C530401000	MICH 10R22.5 14(G)PLY XZE	40.00	80.00	120.00
C530401000	MICH 10R22.5 14(G)PLY XZE	40.00	80.00	120.00
C530401000	MICH 10R22.5 14(G)PLY XZE	40.00	80.00	120.00
C530401000	MICH 10R22.5 14(G)PLY XZE	40.00	80.00	120.00
C530401000	MICH 10R22.5 14(G)PLY XZE	40.00	80.00	120.00
C530401000	MICH 10R22.5 14(G)PLY XZE	40.00	80.00	120.00
C530401000	MICH 10R22.5 14(G)PLY XZE	40.00	80.00	120.00
C603004585	ALLISON B300 TRANSMISSION	0.00	0.00	0.00 **

Chassis Option Total		663.75	405.25	1069.00

***** PASSENGER WEIGHTS *****						
# Option	Description	Side	Front	Rear	Total	
1 B610401000	THOMAS DRV'S SEAT W/ADJ BACK	SIDE	189.87	-39.87	150.00	
2 B631036000	36" NEA PASSENGER SEAT LEFT SIDE	LEFT SIDE	302.48	-2.48	300.00	
2 B631036000	36" NEA PASSENGER SEAT LEFT SIDE	LEFT SIDE	240.41	59.59	300.00	
2 B631036000	36" NEA PASSENGER SEAT LEFT SIDE	LEFT SIDE	178.34	121.66	300.00	
2 B631036000	36" NEA PASSENGER SEAT LEFT SIDE	LEFT SIDE	116.27	183.73	300.00	
2 B631036000	36" NEA PASSENGER SEAT LEFT SIDE	LEFT SIDE	54.20	245.80	300.00	
2 B631036000	36" NEA PASSENGER SEAT LEFT SIDE	LEFT SIDE	-7.87	307.87	300.00	
2 B631036000	36" NEA PASSENGER SEAT LEFT SIDE	LEFT SIDE	-69.94	369.94	300.00	
1 B708304000	Q-STRAINT W/C REST SYS,FLSH-MT L	LEFT SIDE	-84.11	234.11	150.00	
2 B631036000	36" NEA PASSENGER SEAT RIGHT SID	RIGHT SIDE	286.10	13.90	300.00	
2 B631036000	36" NEA PASSENGER SEAT RIGHT SID	RIGHT SIDE	224.03	75.97	300.00	
2 B631036000	36" NEA PASSENGER SEAT RIGHT SID	RIGHT SIDE	161.96	138.04	300.00	
2 B631036000	36" NEA PASSENGER SEAT RIGHT SID	RIGHT SIDE	30.93	269.07	300.00	
2 B631036000	36" NEA PASSENGER SEAT RIGHT SID	RIGHT SIDE	-31.14	331.14	300.00	
1 B631018000	18" NEA PASSENGER SEAT RIGHT SID	RIGHT SIDE	-39.28	189.28	150.00	
1 B708304000	Q-STRAINT W/C REST SYS,FLSH-MT R	RIGHT SIDE	-82.81	232.81	150.00	

Passenger Totals			1469.44	2730.56	4200.00	