

Appendix F: Vehicle Comparison



**Appendix F
Vehicle Information**

Factors	VEHICLE TYPE					
	El Dorado National Escort FE-25 Custom Chassis	StarTrans Senator Cutaway - Chevrolet	Champion CTS	Mercedes Sprinter	Thomas MVP-EF	El Dorado National Aerotech
1 Air Conditioning	<i>Small Bus</i> Available	<i>Body on Chassis</i> Available	<i>Small Bus</i> Available	<i>Small Bus</i> Available	<i>Small Bus</i> Available	<i>Body on Chassis</i> Available
2 Altoona Tested	Yes	Yes	Yes	N/A	Yes	Yes
3 Cost	\$90,000	\$60,000	\$85,000	N/A	\$125,000	\$60,000
4 Driver Visibility	Good	Good	Good	Good	Good	Good
5 Est. Annual Maintenance Cost	\$10,000	\$10,000	\$10,000	N/A	\$12,000	\$10,000
6 Length	25'	24'	26'	22'	25'	20'
7 Seating Capacity	18 + 2 wc	16 + 2 w/c	16 + w/c	10+w/c	varies - approx. 20 + w/c	10
8 Step Height	10"	11"	N/A	N/A	N/A	11"
9 Number of Wheelchair Ties	2	2	2	2	2	2
10 Aisle Width	14"	92.5"	N/A	N/A	N/A	varies
11 Appearance / Visibility	Good	Good	Good	Good	Good	Good
12 Brakes	Front/Rear Disc	Power	N/A	N/A	N/A	Hydraulic disc
13 Door Width	31" x 80"	32" x 83"	N/A	N/A	N/A	27"
14 Doors Opening In or Out	out	out	out	out	out	out
15 Empty Weight	11,300	N/A	N/A	10,000	N/A	N/A
16 Engine Size	7.4 L or 8.1L Gas or 6.5 L Diesel	Vortec 5700 or 7400 or 6.5 L Diesel	Gas/Diesel	Gas/Diesel	Diesel/Gas	Diesel
17 Engine Type	7.4 L or 8.1L Gas or 6.5 L Diesel	Vortec 5700 or 7400 or 6.5 L Diesel	Gas/Diesel	Gas/Diesel	Diesel/Gas	Diesel
18 Expected Vehicle Life	7 yrs	4-5 yrs	7 yrs	7 yrs	7 yrs	4 - 5 yrs
19 Floor Height	28"	80"	N/A	N/A	N/A	N/A
20 Fuel Consumption	10-11 mpg	N/A	N/A	N/A	N/A	N/A
21 Fuel Tank Capacity	40 gal	35 gal	60 gal	N/A	N/A	35 gal
22 GVWR	14,800	12,300	N/A	N/A	N/A	9,500
23 Interior Headroom	77"	75"	76"	N/A	73" or 78"	80"
24 Noise	80 DB	N/A	N/A	N/A	N/A	N/A
25 Number of Doors	1 + 1 wc	1 + 1 wc	1 + 1 wc	1	1 + 1 wc	1 + 1 w/c
26 Overhang	97.5"	N/A	N/A	37" / 64"	varies	30" / 92"
27 Safety	N/A	N/A	N/A	N/A	N/A	N/A
28 Standing Room Availability	Yes	Yes	Yes	Yes	Yes	Yes
29 Steering	Power/Tilt	Power/Tilt	N/A	N/A	N/A	Power
30 Suspension	Front - Coil w/ Air Springs; Rear - Multi-leaf Spring	HD Spring & Shock	N/A	N/A	Spring or Air	Coil / Leaf
31 Tire Size	225/70R x 19.5"	225 - 16 D	8 x 19.5	N/A	N/A	LT 225 / 17 R 16E
32 Transmission	Automatic	Automatic	Automatic	N/A	Automatic	Automatic
33 Turning Radii	29'	N/A	N/A	N/A	N/A	24'
34 Wheelbase	158"	177"	158"	158"	136" or 155"	138"
35 Wheelchair Access Type	Rear	Rear	Rear	Side	Rear	Rear / Side
36 Width	87"	96"	96"	78"	N/A	96"

#3 - Estimates from vendors subject to change.

