California Environmental Protection Agency AIR RESOURCES BOARD	E-Z-GO DIVISION OF TEXTRON GOLF, TURF AND SPECIALTY PRODUCTS	EXECUTIVE ORDER U-G-003-0009 New Pure Electric Golf Carts

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapters 1 and 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following new pure electric golf cart off-highway recreational vehicles produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	EMISSIONS STANDARD	FUEL TYPE	BATTERY TYPE
2005	"ZERO-EMISSION"	Battery-Stored Electricity	Lead-Acid
VEHICLE MODELS	TXT Electric TXT Freedom Electric		

BE IT FURTHER RESOLVED: That the listed vehicle models shall not be equipped with any fuel-fired auxiliary power sources.

Quarterly reports of the listed vehicle models produced for sale in California shall be submitted to the Executive Officer no later than 45 days after the end of each calendar quarter.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the vehicle models and model-year listed above. Vehicle models that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 17TH day of February 2005.

Allen Lyons, Chief
Mobile Source Operations Division

U-G-003-0009

E-Z-GO
A Textron Company

Cindy A. Green
Current Product Manager

November 11, 2004

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Division Chief/MSOD (AGL)

Mr. Allen Lyons
Mobile Source Operations Division
Air Resource Board
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El Monte, CA 91734-8001
626-450-6150
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Dear Mr. Lyons,

This letter and enclosures constitutes E-Z-GO's application for certification of our 2005 model year TXT electric and Freedom TXT electric vehicles as zero emission electric golf carts per the definition in Title 13, Chapter 9, Article 3, Section 2411.

The data required per subparts E and F, Part 86, Title 40 86.416(b) and MAC 91-05 is provided below.

Requirements of 86.416 (b):

1. Identification and description of the vehicle(s) covered by the application. - Both of these vehicles are essentially the same designs; the only notable differences are the presence or absence of headlights and taillights. The models are defined as follows:

   - TXT Electric – Plastic body electric golf car without headlights and taillights
   - TXT Freedom Electric – Plastic body electric golf car with headlights and taillights

2. Identification of the curb weight and gross vehicle weight. – The vehicle weights are listed below. The numbers marked "published" are listed in the owner's manual.

Configuration – TXT Electric & TXT Freedom Electric	Weight (lbs.)
Empty w/o batteries (published)	550
Batteries (6 per vehicle)	373
Curb weight (vehicle + batteries)	923
Payload (published)	800
GVW (curb weight + payload)	1723

Processed by: K. Pryor 2/8/05
Reviewed by: [illegible] 2-8-05

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E-Z-GO Division of Textron Inc.

3. Identification and description of the propulsion system for the vehicle. – Series wound DC motors propel E-Z-GO's electric vehicles with pulse width modulation controllers. An optional separately excited propulsion system (Precision Drive System) is available.

4. Projected number of vehicle produced and delivered for sale and use in California and projected California sales.

Vehicle	Projected Sales 2005
TXT Electric	
TXT Freedom electric	

5. All information necessary for proper and safe operation and maintenance of the vehicle, including recharging information, and other relevant information as determined by the Executive Officer. – This information is included in the Owner's Manual and is printed on the protective plastic that covers seat. Warning labels affixed to the vehicle also communicate much of this information.

6. A copy of the owner's manual must be submitted during certification for approval by the Executive Officer. The manual must include the information required by subsections (1), (2), (3) and (5) above. – An Owner's Manual is enclosed with this letter. The owner's manual part number for these vehicles is 28645-G01.

Requirements of MAC 91-05 for certification of new pure electric vehicles:

1. Name, vehicle identification number format and model number of pure electric vehicles. – The names and identifications of the vehicles are given in item 1 above. E-Z-GO's vehicles are serialized. A copy of a serial number label is enclosed. During the period covered by this application our serial numbers will be sequential numbers with 7 digits. These numbers are not officially VIN codes as specified in the Code of Federal Regulations 49 Chapter V, parts 565, 566 and 571, section 571.115.

2. Name and address of manufacturer – The vehicles are manufactured by: E-Z-GO, 1451 Marvin Griffin Road, Augusta, GA 30906.

3. Projected number of total California sales. Submit quarterly production reports transmitting actual sales numbers as per new vehicle certification requirements. – Refer to item 4 above.

4. Statement regarding whether or not the vehicles require usage of an auxiliary fuel source. Specify if the vehicles are equipped with a heater or air conditioning as an option and state the power source used. – None of the vehicles require usage of an auxiliary fuel source or have optional climate control systems.

5. Specify the number and types of batteries used. – Each of the vehicles use six 6-volt flooded lead acid type batteries. The total system voltage is 36V. The list of battery options provided by E-Z-GO is outlined below.

   Trojan T-105
   Trojan T-125
   Trojan T-145

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