

Memorandum



Date: March 25, 2014

To: Honorable Dennis C. Moss
County Commissioner

From: Carlos A. Gimenez
Mayor

A handwritten signature in black ink, appearing to read "Carlos A. Gimenez". The signature is fluid and cursive, written over a light blue horizontal line.

Subject: Cost and Benefits Using Armored Police Surveillance Vehicles (Directive # 132193)

At the December 3, 2013 Board of County Commissioners' meeting, you requested a feasibility study regarding the availability, costs and benefits associated with using armored police surveillance vehicles.

While few communities have enjoyed some success with this program, which relies on the donation of outdated armored vehicles such as Brinks, the Miami-Dade Police Department (MDPD) does not recommend this program for the following reasons:

- Donated vehicles typically have more than 400,000 miles. Repairs can be costly and parts often difficult to obtain.
- Municipalities often spend more than \$3,000 in start-up repairs and paint work to transition the vehicles into the police fleet.
- The cost for a camera and surveillance equipment would be additional and would likely exceed \$10,000. Additionally, an unmanned surveillance vehicle can easily be defeated if a subject locates and blacks out the camera lens, rendering it useless.
- Additional air conditioning units and batteries to maintain a comfortable work environment for the officers would likely exceed \$8,000 per unit.
- Per the attached Brinks documentation, the hybrid stationary vehicles burn between one-half to one gallon of fuel per hour. They indicated that hybrids are 30% more efficient. The average idle usage for the older refurbished vehicle would be three-fourths to one and a half gallons per hour. According to current fuel pricing, the cost would be approximately four to six dollars an hour.

MDPD already maintains a fleet of vehicles outfitted for a variety of surveillance needs, ranging from the handling of large-scale special events, to covert undercover activities. Additionally, through the use of impact fees, Miami-Dade County purchased seven marked Mobile Command Post vehicles, which are utilized in each Police Services and Commission Districts. These vehicles are operated by both sworn and non-sworn personnel, and were designed to bring the traditional services of a police station right into communities experiencing a crime trend or a need for enhanced police visibility.

Police surveillance vehicles, both covert and marked, have a valuable role in local and metropolitan communities. There are applications where the use of sworn and non-sworn personnel may be appropriate. However, MDPD is currently consolidating our personnel and resources in an effort to be more effective and efficient. Participating in this suggested program would not serve the Department's current needs.

If you require additional information, please contact J. D. Patterson, Director, Miami-Dade Police Department, at 305-471-3272 or me directly.

Attachment

c: The Honorable Rebeca Sosa
and Members, Board of County Commissioners
Genaro "Chip" Iglesias, Deputy Mayor
J.D. Patterson, Director, Miami-Dade Police Department



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Brink's Hybrid Trucks: A Cleaner, Greener Fleet

October 3, 2012

in [Technology](#)



Brink's hybrid trucks are expected to save between 25,000 and 27,000 gallons of diesel fuel over the life of the truck.

As a global secure logistics company, **Brink's** recognizes that we have an opportunity and a responsibility to help our world become a better place. Just as we protect our customers' valuable assets, we are committed to protecting our natural resources and preserving the health of our planet.

In 2012, Brink's introduced into the U.S. fleet our latest green initiative: **Hybrid trucks**. Our new trucks use both battery power and diesel fuel designed to save fuel and reduce carbon emissions. Each truck also uses braking power to regenerate its on-board hybrid batteries. Like a gas-powered golf

cart, the engine stops when the truck comes to rest and automatically powers back up when the driver presses the gas pedal.

The new Brink's hybrid truck is expected to reduce fuel use in both drive and idle modes, **saving between 25,000 and 27,000 gallons of diesel fuel over the life of the truck** and reducing carbon dioxide emissions up to nearly 600,000 pounds over the same period.

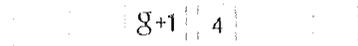
Just as Brink's was the first secure logistics company to use **hybrid armored trucks**, we're also the first to deploy no-idle armored vehicles. The engines on these trucks shut down automatically when the truck is parked at a customer location, and quickly springs into action when it's time to move on to the next stop.

A truck in idle mode burns between one-half and one gallon of fuel per hour. The no-idle truck is designed to save diesel fuel and carbon emissions by eliminating this unnecessary fuel consumption.

In the United States, Brink's has been actively reducing diesel exhaust emissions and, by 2010, achieved a **96% reduction in smog and a 90% reduction in black smoke**. In parts of Europe, we are using **Excellium**, a next-generation diesel fuel, to reduce greenhouse gas emissions.

These are just some of the many initiatives Brink's is developing to help make the world a greener, cleaner place. For more information, visit www.brinksinc.com.

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