

Fleet Management Optimization

Presented for Information

Edmonton Police Commission

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Prepared by

Matthew Knezevich, EPS Fleet Manager



Overview

- Overview of the EPS Fleet
- Current Challenges
- Opportunities & Solutions
- Questions



Overview of the EPS Fleet

865 Mobile Assets

- 511 SUVs
- 122 Trucks
- 60 Vans
- 55 Sedans
- 45 Covert Units
- 72 Other:
 - Trailers
 - Forklifts
 - Historical Units
 - Specialty Units



These 5 models make up 58% of the Fleet

- 331 Ford Explorer Police Interceptor Utility
- 56 Toyota RAV4
- 55 Ford F150
- 34 Ford Transit Van
- 24 Chevrolet Tahoe

Vehicle Life Cycles

BUDGETED LIFE CYCLES

Patrol: 6 Years / 160,000 km

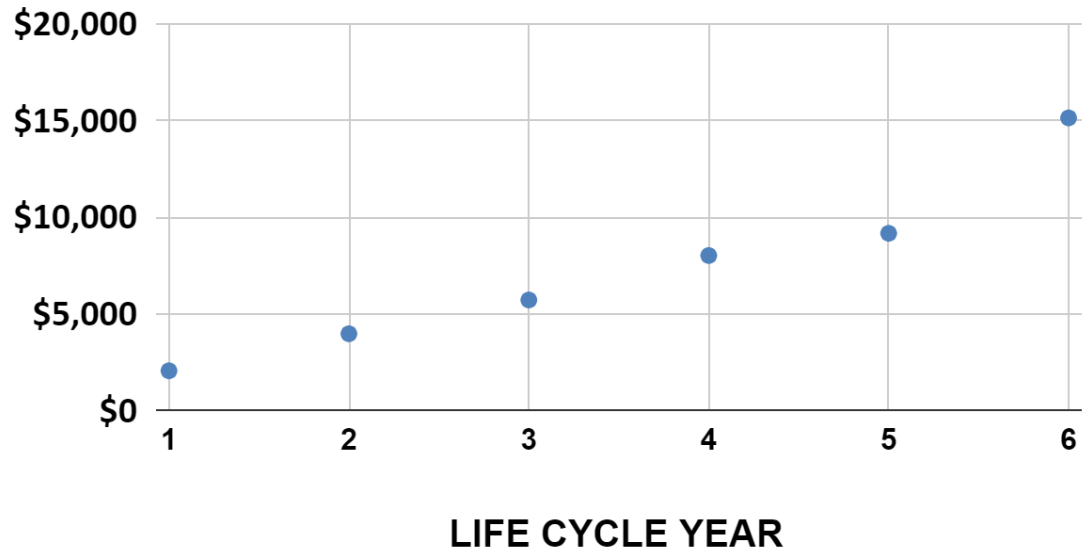
Unmarked: 10 Years / 160,000 km

Specialty: 20 Years

Keeping vehicles longer
is **not** a solution:

- Higher maintenance costs
- More down time for repairs
- Reduced reliability

ANNUAL REPAIR & MAINTENANCE COST
PATROL EXPLORER WITH 20,000 KM ANNUAL USAGE



Sustainable Fleet Options

- As of 2020, EPS has been purchasing the Hybrid Ford Explorer
- 20% of Ford Explorers are now Hybrid (65 of 327)
- Actual fuel savings of 9.2 L/100km (13.9 vs 23.1 L/100km)
- Ford Mustang Mach-E going into service soon to determine operational feasibility of an all-electric, pursuit rated police vehicle
- Other battery electric models will be tested as they become available



Current Industry Challenges

Price Increases (2020 vs 2023)

- Ford Explorer Police Interceptor Hybrid – **Up 51% from \$43k to \$65k**
- Ford F150 XLT Hybrid – **Up 54% from \$41k to \$63k**

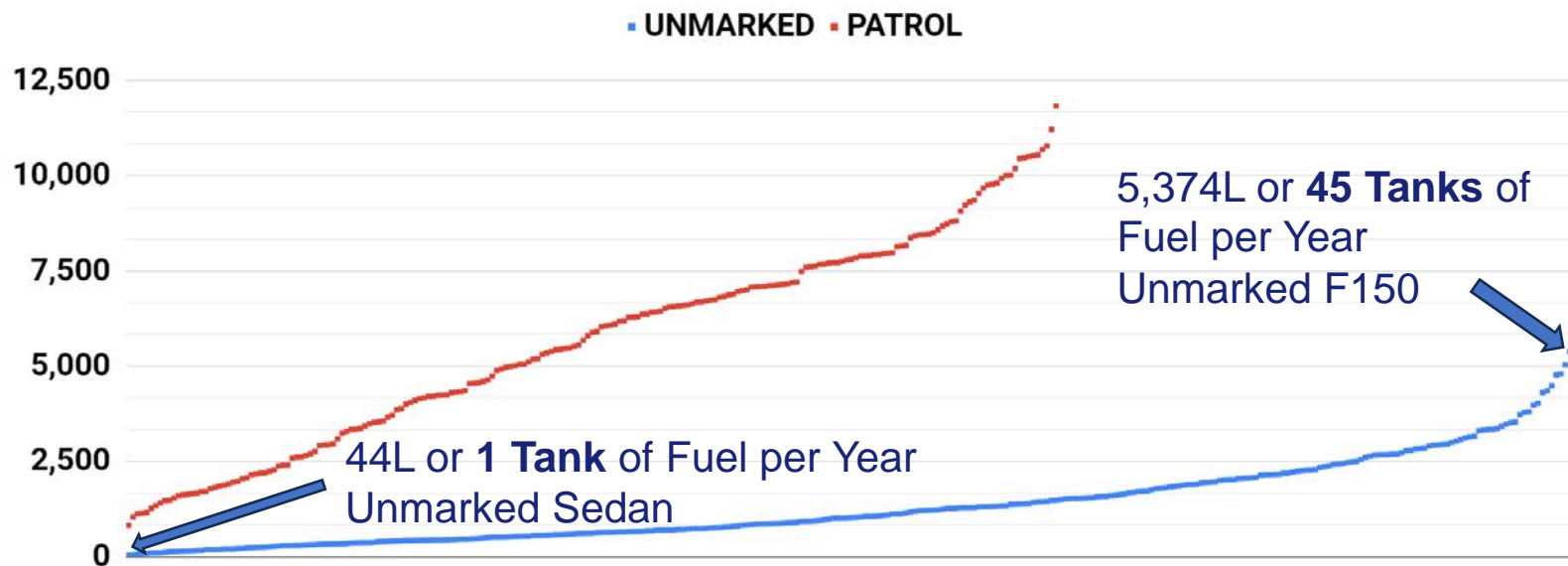
Delivery Times have not improved

- 2023 Ford Explorer Police Interceptor Hybrid
 - Currently **7-8 months**, previously 2 months
- 2022 RAV4 Hybrid
 - Currently **24 months**, previously 2 weeks

Internal Challenges

- EPS budget has not increased in line with vehicle costs
- Unfunded vehicle growth requests are ongoing
- Utilization of mobile assets varies by area
- e.g. 15 unmarked cars / SUVs fueled 3 tanks or less in the last year

Litres Fuel Issued - Previous 12 Months



Roadmap

1. Reallocate Low Use Vehicles

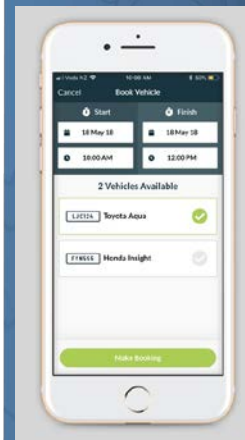
- Remove vehicles from low use areas
- Quarterly auditing of usage
- Regular fleet rebalancing

2. Modernize & Expand Pool Cars

- Convenient Booking System
- Pre-Book or Tap & Go
- Multiple Locations

3. Unfunded Vehicle Growth Requests

- I. Contact Fleet to confirm currently assigned vehicles and usage
- II. Consider internal rebalancing
- III. Attempt reallocation from low use area
- IV. If those options are exhausted, provide a briefing note outlining steps I to III, along with a funding source and D/C approval



THANK YOU

Questions?

