

Broader Perspective on Fleet Data

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Workshop Structure



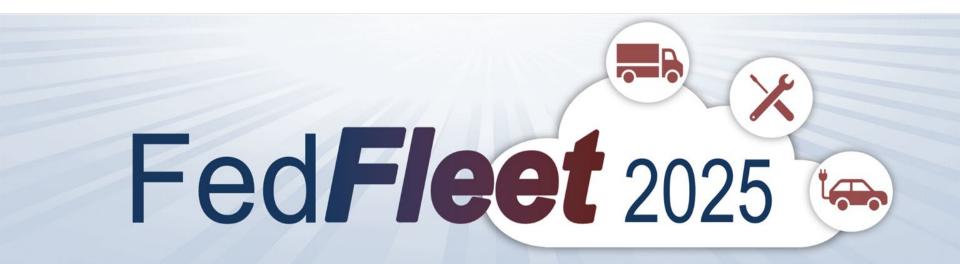
Workshop Structure

- Introduction/Overview (10 minute)
- Presentation (2 presenters)
 - Ron Rogers, FAA (15-20 minutes)
 - Timothy Currie, NASA (15-20 minutes)
- Questions (10 minutes)

Data – A Little to A Lot!



Ron Rogers Federal Aviation Administration National Fleet Manager



What is Fleet Data?

- VINs
- Manufacturer
- Model
- Year
- Acquisition Date
- Total Fleet Size
- Vehicle Type
- Fuel Type
- Ownership Type
- Month/Annual Mileage
- Fuel Consumption
- Annual Cost (fuel, maintenance, repairs, leases, etc.)
- Telematics
- Garage Address

And the list can go on and on!



What do we do with fleet data?

- Inform decision-making
- Enhances efficiency and cost-effectiveness
- Ensures regulatory compliance
- Drive your agency's sustainability initiatives
- Lifecycle Management
- Annual mandated reporting
- Cost Management
- Support budgeting and forecasting
- Policy Alignment
- Straegtic Planning

- GSAFleet.gov
- Vehicle Custodian Report
- Manual Tracking (spreadsheets)
- Fleet Card Data
- Fleet Management Information System (FMIS)
- Telematics (GeoTab)
- EVSE and Charging Infrastructure Data

GSAFleet.gov

- Mothership of fleet data for GSA leased vehicles!
 - Inventory (make, model, year, vehicle type, class, VIN, license plate #, assigned location.
 - Cost (monthly and annual lease costs, accidents, agency incurred expenses)
 - Fuel Usage (detail fuel card transactions, fuel type, Alternative fuel usage, location, and amount of fuel purchased.)
 - Mileage (monthly and annual)
- Pre-built and customizable reports

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Tips for Fleet Managers: Run Reports!

- FAST Report
- Rolling Mileage Report
- Vehicle Fuel Use Report
- Custom Inventory Report
- AIE Report
- CRASH Report

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My favorite is the Custom Inventory Report

- Established reoccurring reporting
 - Tons of vehicle information data fields
 - Vehicle Information
 - Customer Information
 - Customer Driven Data (CDD)
 - AFV Information
 - FSR Information
 - Preventive Maintenance
 - Fuel Economy/Environmental
 - Mileage
 - Billing
 - Telematics

Fleet Management Information System (FMIS)

- Every Agency should have an FMIS!
 - Federal Management Regulation (FMR), Subchapter B Personal Property (41 CFR Part 102-34)
- Centralizes, organizes and automates the vast amount of vehicle data.
- Interpretation of what is considered an FMIS is board.
- FMIS is important for complying with established laws and regulations.
 - EPAact and Amendments
 - O EO 14057
 - OMB A-11 (data-driven budget justification)
 - Annual FAST submission

Fleet Management Information System (FMIS)

- Establish Monthly Report
 - Mileage
 - Excessive
 - Zero
 - Negative
 - MPG Monitoring
 - Fuel consumption vs. Mileage
 - Pending/Overdue maintenance and recalls
 - Underused or Overused Vehicles (Right-sizing your fleet)
 - Cost Summaries
 - Total Cost of Ownership (TCO)
 - Vehicle Inventory Management (active, inactive, disposed)
 - Location and assignments
 - Vehicle Custodians
 - Telematics (last odometer report data) (is the device working)
 - Exception Report



Telematics

- Incorporating New Fleet Technology
- Improving operation efficiency, reducing costs, enhancing safety, and ensuring compliance with regulations.
 - O Real-Time Data Tracking: vehicle locations, routes, and usage
 - Support fleet right-sizing efforts
 - Cost savings: predictive maintenance alerts, identifying inefficiencies like excessive idling, aggressive driving, or suboptimal routes.
 - O Improved Drive Safety: Behavior Monitoring, Accident Prevention, Incident Reporting
 - Monitoring emissions and alternative fuel usage tracking
 - Performance Metric: Tracking key performance indicators (KPIs)
 - Mileage and fuel consumption reporting

Tim Currie National Aeronautics and Space Administration Agency Transportation Manager



What to do with fleet data and Who needs it?

- Fleet Managers, Sustainability Officers, Finance and Budget Teams,
 Procurement Teams, Executives, and Vehicle Custodians.
 - Monthly Reporting
 - Annual Reporting
 - Sustainability Data
 - Budget Review
 - Senior Leadership Asks
- Does the reporting make sense?
- How does it benefit the organization.

If you would like a copy of this presentation, email fedfleet@gsa.gov

