

# VNY Pathway To Unleaded Avgas

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# Recap of Previous Unleaded Avgas Presentation

- Transition to unleaded avgas is a national effort (EAGLE initiative) to incentivize suppliers, maintain operational safety of entire aircraft fleet and remove the use of leaded fuels without adverse impacts
- Avgas available at VNY currently is 100LL, known as 100 low lead
- 100LL contains lead, which increases octane rating for piston powered aircraft
- Not all aircraft engines can safely operate with fuels less than 100 octane
- LAWA does not control the sale, storage, or dispensing of aviation fuels
- Only the Prop Park and FBO's provide avgas via lease agreements
- Other airports may have different fueling arrangements



# Recap of Previous Unleaded Avgas Presentation (Cont.)

- FAA, aviation trade associations, aircraft and engine manufacturers and fuel producers are collaborating on the goal of eliminating lead emissions
- Currently, there is limited unleaded avgas fuel being produced
- **Swift 94UL** most available on market
- **GAMI 100UL** is a promising "drop in" fuel, but not yet available
- FAA requires supplemental type certification (STC) for engines and aircraft to use different fuels



# Path to Unleaded Avgas at VNY – Swift UL94

## Need Storage Tank

Swift UL94 cannot be mixed with 100 octane fuel outside of aircraft

Investment in storage tanks by fuel providers could be more than \$180,000



Systems needed in place to prevent accidental fueling



Supplemental Type Certification (STC) Needed for Aircraft



40-50 aircraft based at VNY potentially could use UL94 unleaded avgas

Majority of piston aircraft engines based at VNY need 100 octane fuel



VNY

Thank You