



Unleaded Aviation Gasoline



Aviation Noise & Emissions Symposium 2023

May 1-3, 2023, UC Davis

May 2, 2023

Chris D'Acosta



Swift Fuels

Swift Fuels, LLC

- Fuels R&D Research Center
- Process Technology Center
- Engine Testing Center
- Fuel Blending & Distribution
- Commercial Business Offices
- Purdue University Research Park
- www.swiftfuels.com



Swift Fuels Avgas

- www.SwiftFuelsAvgas.com



1435 Win Hentschel Blvd., Suite 205 ♦ West Lafayette, IN 47906 ♦ (765) 237-3195



AVGAS

We Sell Premium Unleaded Avgas



UL94

Since 2015

- ✓ **Proprietary Formulation**
- ✓ **FAA UL94 STC-Approved**
- ✓ **FAA SAIB-Endorsed**
- ✓ **ASTM International D7547**
- ✓ **Engine OEM-Approved**
- ✓ **Airframe OEM-Approved**



100R

Coming Soon...



AVGAS

We Sell Premium Unleaded Avgas



ASTM International Specification

FAA Certificate (STC) COST = \$100

Avgas COST = Competitive to 100LL

Fuel Weight = 5.87 lbs/gal (= 100LL)

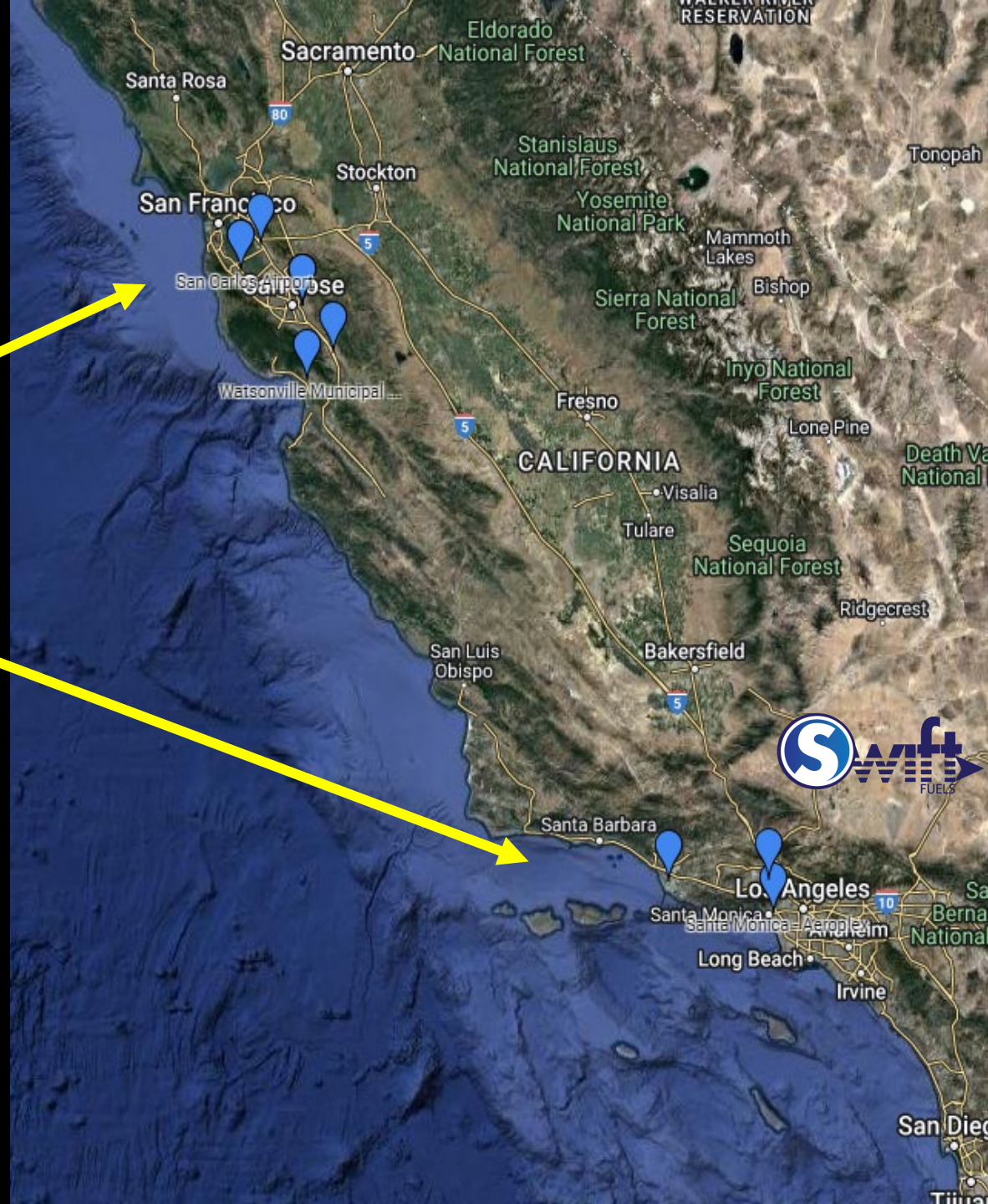
“Drop In Ready”

SAVINGS = Doubles Oil & Triples Plug Change Intervals

+ Flight School Savings

Eliminates Toxic Lead Emissions

**Unleaded Avgas
15 California FBO's**



Nationwide Sales 8 Years





Swift Fuels

100R Proprietary Fuel – Roll-out Begins 2023

- Price Competitive to 100LL → without a regulatory mandate
- Low toxicity → no aromatic amines or MMT octane boosters
- Cleanest-burning exhaust → 10% renewable oxygenate
- Weight is 5.87 lbs per gallon → identical to 100LL
- Adheres to international industry fuel standards

Swift Fuels' STC Formula:

- + Minimum Federal Aviation Regulations (STC's)
- + ASTM International Specifications
- + OEM Collaboration (Engine & Airframe)
- + Enhanced EAGLE/PAFI "Best Practices"

Broader & deeper coverage of all critical FAA and Industry safety factors impacting production, fuel handling, OEM warranty, flight operations, fuel logistics, community stakeholders, and risk assurance



Swift Fuels

Swift Fuels Expects Rollout of 100R “Globally” within 3-4 years

- Chief architect of unleaded avgas rollout in the US/Canada market
- Sole provider of UL94 unleaded avgas for the past 8 years
- Engaging in collaborations to optimize UL94 access to FBO tankage
- Executing STC roll-out to manage pilot safety with FAA oversight
- Planning initial rollout of “100R” to begin in 2023
- Engaging in collaborations with FAA/EAGLE to help increase clarity
- Engaging efforts to consider (~ SAF) Blender Tax Credit for 100R
- Engaging efforts to eliminate poor airport infrastructure
- Engaging efforts to strengthen fuel handling methods for pilot safety

Unleaded Avgas



TEXTRON AVIATION





www.SwiftFuelsAvgas.com



Swift Fuels is the global market leader in Unleaded Avgas.
Our goal is to fully replace 100LL with a 100-octane unleaded fuel within 3 years.

ORDER
UL94
AVGAS

ORDER
"FOREVER"
AVGAS
STC

CAN MY
AIRPLANE
USE UL94?

ON SALE NOW FOR \$100*

LEARN MORE

ORDER MORE PLACARDS

US MAP

FAQ

NEWS



***“Lighting the Unleaded Avgas Pathway
for Global Fleetwide Success...”***

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