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Bendix Air Races Collection - 1936 National Air Races (Los Angeles), Official Program, September 4-7, 1936

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[[image]]
RECORD-WRECKERS
... meet the NEW Champ!

Eight months ago Shell announced the first commercial 100 OCTANE aviation gasoline. Today its amazing performance in racing, military and transport aircraft is a matter of record...

[[image]]
RACING PILOTS have proved that Shell 100 Octane offers an astonishing increase in horsepower output. In a recent record-breaking performance Shell 100 Octane gasoline boosted top speed approximately 21 m.p.h. above the maximum possible with 87 Octane.

[[image]]
TO AIRLINE OPERATORS, Shell 100 Octane brings greater profits. An example: A transport with a range of 1400 miles, powered by two 850 h.p. engines. By changing from 87 Octane to Shell 100 Octane, the fuel load can be produced approximately 480 lbs. With only minor modifications in present equipment.

[[image]]
TO ENGINE DESIGNERS, Shell 100 Octane opens the door to higher compression ratios and higher induction pressures... lighter engines... far greater horse-power output per cubic inch displacement.

SHELL 100 OCTANE, which complies rigidly with all leading specifications for aviation gasolines, contains no more tetraethyl lead than do regular 87 Octane gasolines!

Thus you gain the highest octane performance and at the same time avoid the increased engine operating and overhaul costs resulting from "over-doped" gasolines.

[[boxed]] Tests Prove Shell 100 Octane Gasoline Makes It Possible To:
Increase top speed 5 to 10%
Boost horsepower output up to 25%
Reduce cylinder head temperatures 15 to 20%
Cut fuel consumption 10 to 20%
[[/boxed]]

Fuel data service for operators

Members of the aviation industry are invited to write for recommendations on any specific fuel problem—and for information of Shell's new line of improved aviation fuels. Address: Shell Aviation Department, Shell Oil Company, San Francisco; or Shell Petroleum Corporation, St. Louis; or Shell Eastern Petroleum Products, Inc., New York.

[[image]]

SHELL 100 OCTANE AVIATION GASOLINE

1936 NATIONAL AIR RACES

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