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# TECHNEWS

## Marathon Petroleum Company LLC Gasolines Not for Aircraft Use



The Federal Aviation Administration has issued Supplemental Type Certificates approving the use of unleaded automotive gasoline with a minimum (R+M)/2 octane of 87.0 and meeting ASTM D 4814 in certain small aircraft. Although Marathon's gasolines may meet these specifications, Marathon does not recommend them as a fuel for small aircraft.

ASTM International has published stringent quality specifications for aviation gasoline in ASTM D 910. Marathon's automotive gasolines do not meet these specifications. In addition, special handling procedures are necessary to prevent contamination when transporting aviation gasoline from the refinery, through the distribution system and lastly to the aircraft.

These procedures include special loading practices at the terminal, filtration to remove dirt and water, and specific testing to ensure quality integrity. The distribution of Marathon gasolines from our refinery to our customers requires fewer elements of the controlled system mandated for aviation gasoline.

Although Marathon gasolines are manufactured to meet high quality automotive standards, including those of ASTM D 4814, we cannot guarantee that some contamination will not take place somewhere in the distribution system. Therefore, Marathon does not recommend the use of its automotive gasolines for aircraft of any type.