

# Service Letter

Hunan Sunward Aircraft Co.,Ltd.

S/N:SL-2020-SA60L-40

Ver.(Version):02

Date:10th Aug.,2021

Title	Fuel Grade Reminders for Aurora SA60L Light Sport Aircraft.
Type	Importance
Scope of Application	This service letter is applicable to Aurora SA60L series light sport aircraft.
Reason	<p>Based on the company's tracking applications and practical tests, using gasoline containing ethanol will have adverse effects on the fuel system seals, composite material fuel tanks, fuel burning of the aircraft. The ethanol content in gasoline varies greatly in different regions nationwide, and the use of inferior quality oil may affect flight safety. The applicable fuel grade has been clearly specified in the current valid "Flight Manual" and "Maintenance Manual". However, some aircraft operating units have not strictly complied with the manual requirements. Therefore, this service letter is issued to once again require operating units to strictly use qualified fuel in accordance with manual requirements.</p> <p>The engine manufacturer revised this service letter on 2021.05.28, titled "Selection of suitable operating fluids for ROTAX engine" (SI-912-016R12/SI-914-019R12/SI-912i-001R7), which provides specifications for suitable oil fluids for different models of Rotax engines. Therefore, this service letter has been revised accordingly.</p> <p>Date of first issuance:2020.10.31                      Effective date.:2021.08.10 Date of re-issuance.</p>
Execution Requirements.	<ol style="list-style-type: none"><li>1. Applicable fuel grades: unleaded gasoline or aviation gasoline with an octane rating of Ron.95 or above. Aviation gasoline 100LL is only used when there are problems with gas resistance or other difficulties in obtaining fuel.</li><li>2. It is strictly forbidden to use automotive gasoline containing ethanol.</li><li>3. If using 100LL aviation gasoline, maintenance and inspection of the engine should strictly follow the current effective engine "Maintenance Manual (Line Maintenance)" (MML).</li><li>4. If automotive gasoline containing ethanol has been previously used, please check and clean the fuel tank, fuel lines, fuel-water separator, and float chamber with gasoline. It is not applicable for Rotax 912iS engine. If any abnormal problems are found during the inspection, please provide feedback to our after-sales service department via email: <a href="mailto:safety@sunward.cc">safety@sunward.cc</a>, <a href="mailto:info@sunward.com.cn">info@sunward.com.cn</a> (backup).</li><li>5. The service letter SI-912-016R12/SI-914-019R12/SI-912i-001R7 on page 11, released by the engine manufacturer, clearly states that: 1) E95 (fuel containing 95% ethanol) is prohibited; 2) UL91/UL94 unleaded aviation gasoline is only applicable for Rotax 912 S/ULS, 914F/UL engines and is not suitable for Rotax</li></ol>

	<p>912iS sport engine.</p> <p>6. When using UL91/UL94 unleaded aviation gasoline for the first time, it is necessary to verify the fuel level indicator. If there is an error in the indication, the fuel level needs to be recalibrated.</p> <p>7. For maintenance requirements of the engine after using UL91/UL94 unleaded aviation gasoline, please refer to the current and valid "Rotax Aircraft Engine Line Maintenance Manual."</p> <p>8. For more information and precautions regarding suitable operating fluids for Rotax series engines, please refer to SI-912-016R12/SI-914-019R12/SI-912 "Selection of Suitable Operating Fluids for ROTAX Engine" .</p>
Reference	SI-912-016R12/SI-914-019R12/SI-912 "Selection of Suitable Operating Fluids for ROTAX Engine" .
Equipment	On-demand.
Weight and Balance	No Influence
Specialized Tools and Equipment.	None
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<p>Date:2021.08.10</p> <p>Signature of the authorized person from the manufacturing company(Stamp):Zhou Zhidong</p>	