

# RANS

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**Operational Alert:** 167

**Date:** August 14, 2008

**Subject:** 1/4" Blue Fuel Line (FS-FL) and  
1/8" Blue Primer Line (PRIMER LINE)

**Compliance:** Mandatory

**Models Affected:** All Models, except S-7S, S-7LS, S-16 and S-19

It is recommended to replace the original 1/4" Blue Fuel Line (FS-FL) and 1/8" Blue Primer Line (PRIMER LINE) supplied in RANS kits every 3 years.

Modern fuels may have additives in them which may severely shorten the life span of the 1/4" Blue Fuel Line (FS-FL) and 1/8" Blue Primer Fuel Line (PRIMER LINE) supplied with RANS aircraft. These additives may be increasingly added to fuels used by RANS aircraft owners.

For this reason RANS recommends the following:

Prior to the next flight, inspect and replace any of the Fuel Line mentioned above if any form of degradation is observed. Degradation may consist of, but is not limited to, brittleness, discoloration, oxidation, or cracking.

Replacement hose should be high-quality Automotive (Black) fuel line or better.

Regularly inspect all fuel lines.

Replace all black flexible fuel lines every 5 years.

Use quality clamps to secure the line.

Thank you for your attention to this matter. Hopefully, we have not inconvenienced you to any great degree.

Fly safe.