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Assembly Alert: 170

Date: March 5, 2010

Subject: Fiberglass Resin and Windshield

Compliance: Mandatory

Models Affected: S-19

One builder of the S-19 has reported cracks around the base of his windshield. It has been determined that the cracking may have been caused by the use of Polyester based resin in the fabrication of his Windshield Hold Down Strip. The windshield manufacturer has contacted RANS and recommends **NOT** using Polyester Resin. Only Epoxy based resin is recommended.

However, RANS has successfully used Polyester resin, many times, in the fabrication of the Hold Down Strip with no detrimental effect to the Windshield. Care must be taken with either resin to ensure no chemical can penetrate through the protective Vinyl Tape when fabricating the Hold Down Strip. Multiple layers and plenty of overlap of the tape is recommended.

RANS now has pre-fabricated Windshield Hold Down Strips available. Order part # KPWS0046 from RANS Parts Department.

Thank you for your attention to this matter. RANS hopes that we have not inconvenienced you to any great degree. Fly safe!