

RANS

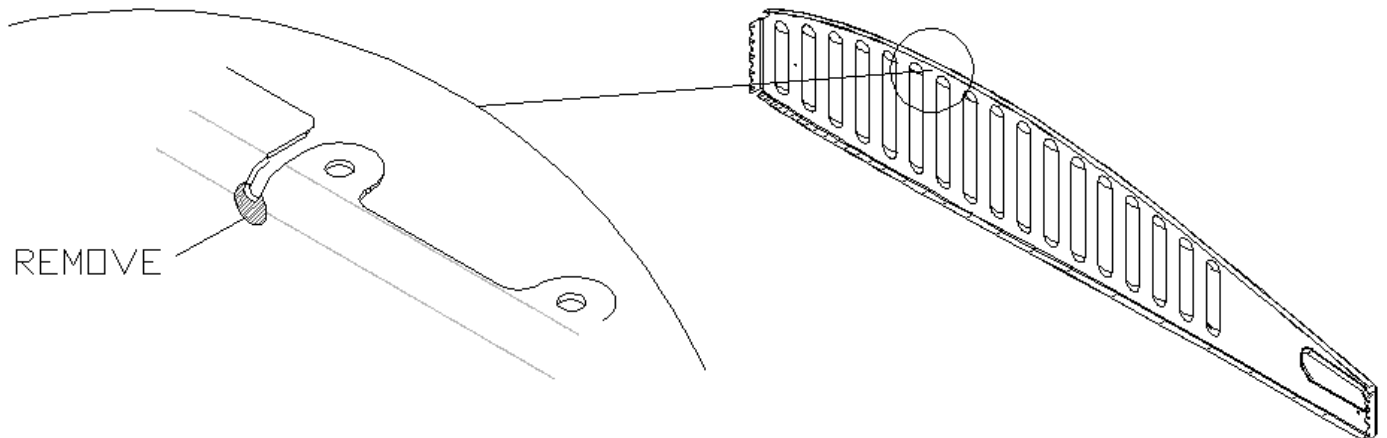
4600 Highway 183 Alternate
Hays, KS 67601
(785) 625-6346
Fax (785) 625-2795
www.rans.com

Assembly Alert: 183
Date: March 16, 2018
Subject: Relieve cut in wing root ribs
Compliance: Mandatory
Models Affected: All 141 wings under construction.
Cost: No Charge

It has come to our attention that the relief next to the micro flange on the top front section of the wing root ribs is inadequate and causes cracking during the forming process.

The parts that require inspection and modification are KPWI0639 and KPWI0640.

Each builder should inspect the root ribs. Use a 3/16" to 1/4" drill bit to remove material as shown. Deburr and remove more material as necessary to remove any visible cracks. If the top skin is already riveted to the ribs, the problem area on KPWI0640 can be inspected and repaired through the root of the wing after removing the inside root rib and wing tank.



The design of the root ribs has changed and all future kits will not have this issue.

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

Fly safe.