

DENNEY

AEROCRAFT
COMPANY

October 3, 1989

SERVICE BULLETIN #5

SUBJECT: Main Fuel Tank Filler Cap E-20

TO: All KITFOX Owners

FROM: Denney Aerocraft Company

A KITFOX owner reports that his engine quit in flight due to fuel starvation. The main tank fuel cap vent had become plugged and would not allow air to enter the tank.

The cap is the same as those shipped with most standard plastic fuel tanks (E-26). It is black plastic with a clear plastic dome. In the center of the dome is a short vent nipple fitted with a rubber reed valve and a small black plastic cap.

Apparently, the filler cap had caused no problems for some time, but the vent or reed valve became obstructed in some way.

If you have this type cap you should immediately take some action to ensure unobstructed venting.

The little cap is glued onto the vent nipple. Pry it off with a screwdriver and carefully remove the rubber reed valve with a probe. Discard the reed valve and glue the little cap back on.

The small cap has a groove molded into its inner surface to allow air to pass. Be careful not to glue this groove shut. You may want to file a notch across the nipple to align with the groove to admit more air, drill through the top of the cap (say 3/32"), or leave the small cap off the vent nipple altogether.

If you need assistance in any way, please call customer service, before returning any items to Denney Aerocraft Co. Please obtain a Return Goods Authorization (RMA) number from customer service.