



RECREATIONAL AVIATION AUSTRALIA INC

Date 10 November 2009

RECREATIONAL AIRCRAFT AIRWORTHINESS NOTICE

AIRWORTHINESS NOTICE IDENTIFICATION NUMBER: 101109- Issue 1

THE USE OF FUELS CONTAINING ETHANOL IN X-AIR AIRCRAFT

To: All owners and operators of all models of X-Air Aircraft.

Background: A notification has been received from the manufacturer of X-Air aircraft indicating that no fuel containing ethanol is approved for use in any X-Air aircraft.

Discussion: The X-Air manufacturer has indicated that the use of fuels containing ethanol must not be used until certain modifications are carried out.

Action Required: BEFORE OPERATING ANY X-AIR MANUFACTURED AIRCRAFT THE FOLLOWING MUST BE CARRIED OUT:

- 1: Empty and dry the aircraft fuel tank.
- 2: Clean the fuel tank thoroughly with an appropriate lint free cloth.
- 3: Inspect the fuel tank for signs of cracking, crazing, pitting, softening, or chemical reaction with the fuel.
- 4: Repair or replace the fuel tank if any of the above problems are found.
- 5: Seal the old or replacement the fuel tank using Kreem Prep (available from <http://www.kreemproducts.net/p-16-kreem-tank-prep.aspx>).
- 6: Replace all fuel lines with ethanol certified types.

At Each Daily Inspection: Visually inspect the fuel tank and fuel hoses for signs of cracking, crazing, pitting, softening, or chemical reaction with the fuel. Replace all affected parts and perform the requirement listed above.

Recommended Further Action: This is a continuing airworthiness notice.

Reports and Recording: The initial inspection is to be recorded in the aircraft log book citing this AN101109-Issue 1 and any deficits found are to be reported to the RA-Aus office.

Technical Manager

Defect Reporting is one of the primary ways we have in ensuring continued safety in our operations.