



Quality aircraft since 1974

*ZENAIR LTD, HURONIA AIRPORT, MIDLAND, ONTARIO, CANADA L4R 4K8
TEL:(705) 526-2871 - FAX:(705)526-8022*

NOTIFICATION – Jan 14 2020

Issue Date

JAN 14 2020, Rev. 0

Subject/Purpose

Aircraft manoeuvres

Affected Models

All Chris Heintz (CH) aircraft models

Compliance Time

On-going

Inspection Frequency

None

Background

We have heard of incidences due to excessively aggressive manoeuvres (aerobatics) or flying beyond the specifications (over gross weight, exceeding the speed limitations etc).

Chris Heintz designs are designed tough but are not to be flown past the design limitations.

Performing spins or aerobatics is not permitted.

Models that may be approved for spins. The CH2000 aircraft (when equipped for spins and certified to do so), and the Super Acro-Zenith CH180 when equipped are the only models approved for spins (competed in world aerobatic events in the 1980's). The Zenith CH200A is approved for limited aerobatics but not for spins.

As a reminder.

Unless specifically written in the aircraft blue prints, your aircraft was not designed for spins.

Unless specifically written in the aircraft blue prints, your aircraft was not designed for Aerobatics.

Know your aircraft's speeds such as the maneuvering speed. V_a of an aircraft is an airspeed limitation selected by the designer of the aircraft. At speeds close to, and faster than, the maneuvering speed, full deflection of any flight control surface should not be attempted because of the risk of damage to the aircraft structure.

Aircraft "g" loading. Generally, if the aircraft blue prints shows +/- 6 g. This is the ultimate g loads. Limit loads are 1.5 times less. One should not exceed the Limit Loads.

As required by the FAA and just about every CAA in the world, your aircraft must have an up-to-date flight manual. This manual must include the aircraft limitations and emergency procedures.

Make sure you have up-to-date documents when flying your aircraft. For a sample of a flight manual, download the CH2000 manual at http://www.newplane.com/amd/CH2000_Service.html Other sample manuals are available.

Remember to check www.newplane.com for all the latest service documentation.
For additional information contact Zenair Ltd.

**ZENAIR LTD, HURONIA AIRPORT, MIDLAND, ONTARIO, CANADA L4R 4K8
TEL:(705) 526-2871 - FAX:(705)526-8022**