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Czech Republic**

SAFETY ALERT	NO. 11	14/1/2020
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MANDATORY

- **Airplanes affected :**

ALL SAVAGE Cub , Cruiser , Bobber , Classic .

- **Subject :**

Check Status of Rudder Cables

- **Reason :**

On Savage Cub s/n 280 with 375 logged hours , used extensively for tailwheel training was reported a rudder cable failure without any consequences for pilots and plane .

The rudder cable broke directly in the area of contact with the rudder pulley on the floorboard . It has been reported that the last control was done in this area about 50 hours before .

This episode is very similar to the one occurred in 2012 to a Savage Cub used for bushflying training . From that

date up to present we have not received any other report to this specific issue .

We already covered this issue with **SA NO. 07 30/10/2012** , that we highly recommend to check .

- **Compliance :**

Issue date of SA

- **Foreword :**

The Maintenance Manual specifies that the complete check of the conditions of the rudder cables has to be performed in the daily pre flight checks. **WE STRONGLY ENCOURAGE TO GIVE IMPORTANCE TO YOUR PRE-FLIGHT CHECK AND INCLUDE THIS POINT IN IT EVERY TIME.** Remember , during the check, to apply pressure to the pedals in order to move them and to see the conditions for the cables underneath the pulleys , where they are supposed to suffer more from local friction. Check also for proper tension and alignment between the cable and pulleys.

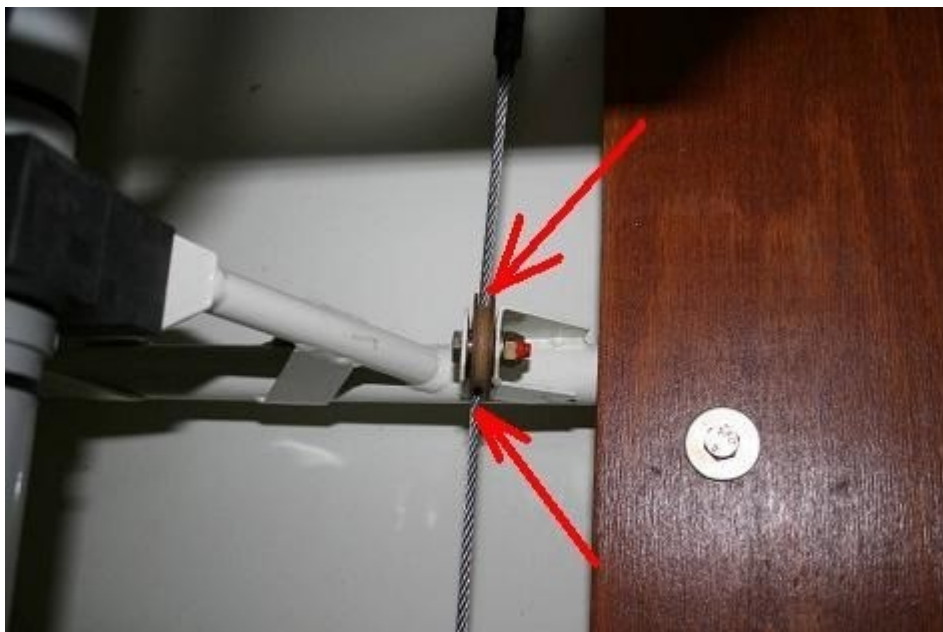
We invite pilots and operators however, to give importance to those checks, particularly in the case they know that for the activity they do (many hours of “flight training” ect) , a premature wear can occur in comparison to low/normal usage of private sport airplanes. If any minor wear in the cable appears, it must be substituted for a new one immediately. We also recommend to refer to the FAA recommendation (reported in our maintenance manual chapter **2.3.2.1 STEEL WIRE CABLES AND PULLEYS**) .

- **Further Recommendation :**

Continued Airworthiness – Service Publications – Safety Alert

First of all check all the other Safety Alerts if you haven't already done so . Regulary check in for newly posted SA is higly advised , since this is responsibility of each pilot or operator , also check maintenance manual for daily controls and so on . This is a mandatory for every authorized person or owner .

- **Accomplishment:**
Perform a complete check as described by the pictures attached below of the rudder control system.
- Picture: 1) Important check points for evaluating the conditions of the cable. Move the rudder or pedals in order to see the cable completely. Check also the condition of the rudder cables in the tail section.



- Check also the condition of the rudder cables in the tail section.



- Report any issues or problems with rudder control system directly to servicereports@zlinaero.com .

Document
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