

Cub Crafters – Continued Operational Safety Committee

Page 1 of 1

Extraordinary Meeting Minutes – Follow Up

Date: **May 31, 2018**

Attending: Jon Delamarter*, Matt Hauck, Mike Storey*, Pat Horgan*, Stan Franz*, (Quorum Present)

Absent: N/A

*Voting Committee Members

Location: Main Conference Room (Cub Crafters)

Time: 4:15 pm – 4:30 pm

I. AGENDA

- Review additional photo evidence from the FAA and the NTSB

II. DISCUSSION

Background

Aircraft Model: CC19-180
Aircraft: CC19-0018
Aircraft Hours: -

Discussion Results

The COS Committee received and reviewed the additional photo evidence provided by the FAA and the NTSB regarding the CC19-0018 ground loop, as requested by this committee. The photos appear to show typical signs of a ground loop event. The COS Committee's initial working theory is as follows, as a likely sequence of events:

- First, loss of directional control of the aircraft developed a side load on the right tire. This is evident in the photos by the extreme scuffing on the outboard side of the tire.
- Second, the induced side load on the inboard side of the wheel casting was significant enough to cause failure.
- Third, the wheel failure caused the bearing to be displaced, and the axle was then pushed through the wheel casting.
- Fourth, the outboard bearing unseated from the race, which led to the wheel/tire becoming displaced on the axle.
- Fifth, the wheel/tire displacement caused the axle bolts to fail, and the axle departed from the aircraft.

Based on the data presented to-date, this committee does not intend to take further action pending NTSB findings.

***NOTE:** The aircraft has not been inspected by this committee. The initial theory was derived from analyzing photo evidence only.

Case	Action Item Number	Action Item	Responsible
COS19-018-01	-03	Send the initial COS theory to Brad.	COS Committee

These minutes are to be adopted by this committee at the next scheduled COS meeting.