



Six Chuter Inc.
SAFETY DIRECTIVE

Safety directives are issued to all known operators when a condition is found to exist that may also exist in other aircraft in the fleet and which would cause a deviation from original design or unsafe condition for flight, rendering the aircraft unairworthy. This change, maintenance procedure, inspection procedure, or other procedures deemed appropriate by the manufacturer is mandatory and must be performed and documented in the individual aircraft logs in order for that aircraft to maintain compliance with ASTM standards.

LEVEL	MANDATORY
DATE	08/01/2008
SB NUMBER	SB 2008-01
APPLICABLE MODELS & CATEGORIES	XT ssdc

1.0 Planning Information

1.1 Aircraft Affected

- 1.1.1 SLSA Legend XT ssdc
 - 1.1.1.1 Serial 3041
 - 1.1.1.2 Serial 3052
 - 1.1.1.3 Serial 3063
- 1.1.2 Advisory on ELSA Legend 3034

1.2 Concurrent Bulletins

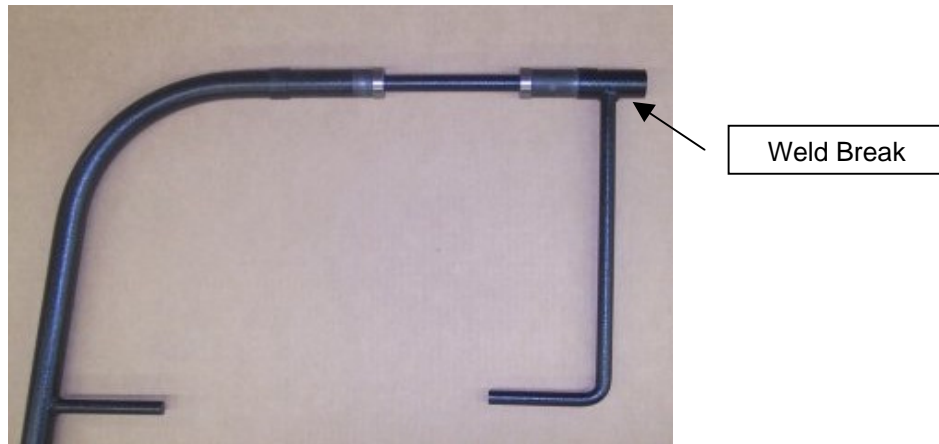
- 1.2.1 None

1.3 Reason

- 1.3.1 Failure of welds on XT canopy steering bars

1.4 Subject

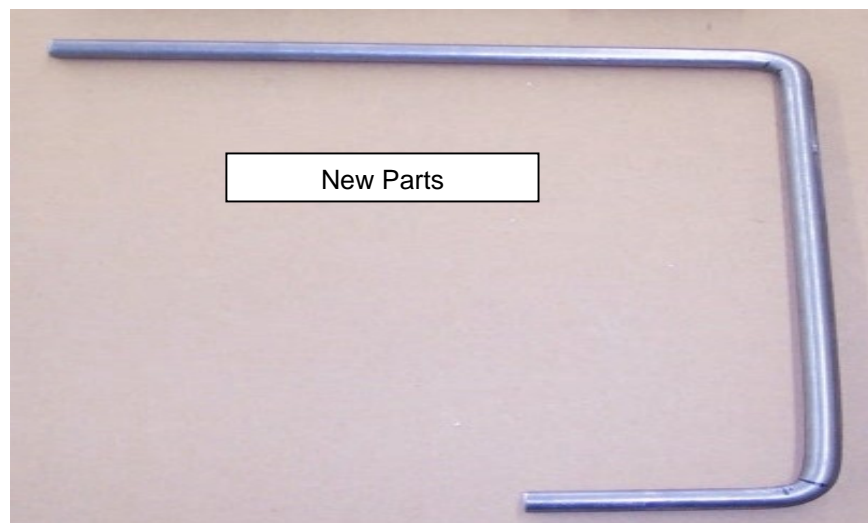
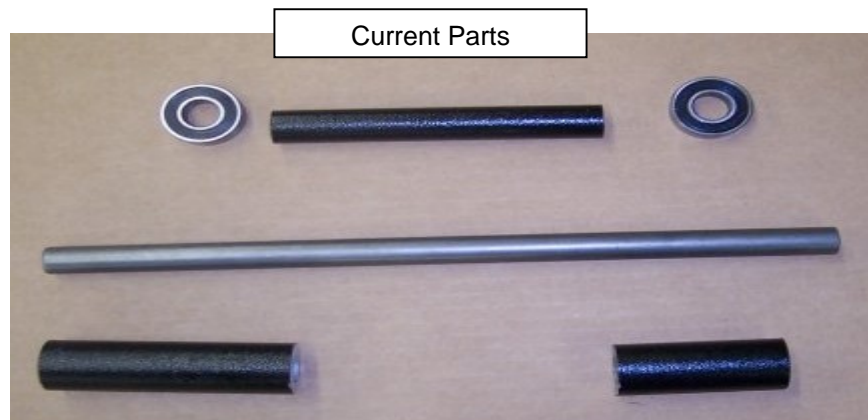
- 1.4.1 Two aircraft have experienced breaks on the welds of the inboard pedals. This resulted in difficulty controlling the aircraft from the side of the aircraft where the weld broke.



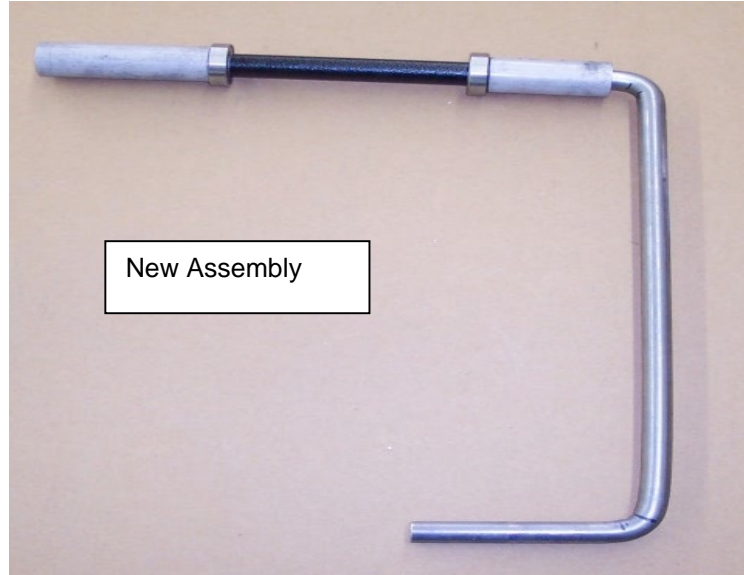
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1.5 Compliance

- 1.5.1 By making the foot bar one piece, it eliminates the weld and when in its' final assembly position and pinned ties both sides together in a solid assembly and eliminates the possibility of failures such as experienced. The shorter foot bar that is welded into the long side tube can also be changed to a threaded bar that runs through the tube and is secured on both sides of the tube with nuts thus eliminating that weld as well. A field repair on current units would require removing the foot bars from the unit. Removing the pins that hold the assembly together and then reinstalling a new "one piece" foot bar into the assembly and re-pinning. This would not include any change to the short foot bar on the long tube.



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- 1.6 Approval
 - 1.6.1 The content of this Safety Directive has been approved by Six Chuter Inc. Safety Staff
- 1.7 Manpower
 - 1.7.1 Replacement of steering system on both sides is estimated 2 man-hours
- 1.8 Weight and Balance
 - 1.8.1 No modification to weight and balance results from this repair.
- 1.9 Electrical Load
 - 1.9.1 None
- 1.10 Software
 - 1.10.1 This new installation will be noted in the next update of the Six Chuter Line Maintenance Manual
- 1.11 References
 - 1.11.1 Six Chuter Inc. Line Maintenance Manual-XT ssdc Assembly, Repair and Installation
- 1.12 Other Publications Affected
 - 1.12.1 None
- 1.13 Interchangeability of Parts
 - 1.13.1 All old parts are stopped for use