

Service Bulletin: SNX-SB-001

Date: 07 June 2002

Subject: Identification, Upgrade or Replacement of Rudder Pedals

Model Affected: All Sonex Aircraft with SNX-C02-01 Rudder Pedal Assemblies

Time of Compliance: Prior to the next 10 hours of Flight Operation, or within the next 60 days, whichever occurs first

Identification: The SNX-C02-01 Rudder Pedal Assemblies were called out on the Sonex Aircraft for Plans Numbers 001 through 456. Additionally, All Sonex factory welded Rudder Pedals delivered prior to 07 June 2002 were SNX-C02-01 Rudder Pedals. The SNX-C02-01 Rudder Pedal can be distinguished from the SNX-C02-09 Rudder Pedals by the 0.035" wall thickness of the main tube for the SNX-C02-01 Rudder Pedal Assembly rather than a 0.065" wall thickness of the SNX-C02-09 Rudder Pedals as depicted in Figure A. The measurement of the Rudder Pedal main tube wall thickness requires the removal of Pedals from the Aircraft. This Service Bulletin only applies to Aircraft with the SNX-C02-01 Rudder Pedal Assemblies installed.

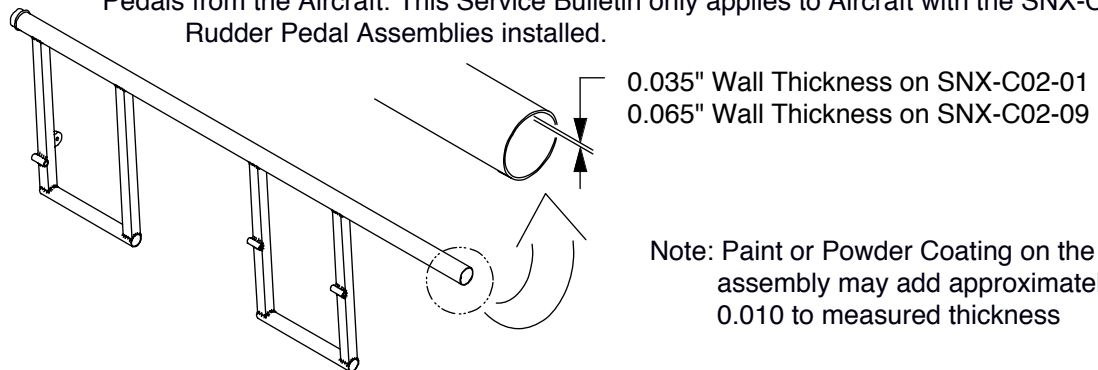


Figure A Identification of SNX-C02-01 Rudder Pedal Assemblies

Compliance Method: For the affected Aircraft there are 2 methods to comply with this Service Bulletin

Method A: The SNX-C02-01 Rudder Pedals are Upgraded with a "bolt on" fix per the following steps:

- 1.) Tag to identify the forward and aft Rudder Pedal Assemblies, Remove the Rudder Pedal Assemblies.
- 2.) Inspect the areas shown in Figure B with a magnifying glass for any cracks, deformation or other distress. Any cracks, deformation or other distress renders the assembly unservicable and it must be replaced.
- 3.) Upgrade the Rudder Pedal Assemblies per page 2 of this Service Bulletin by adding the tube, straps and spacers
- 4.) Reinstall the upgraded Rudder Pedal Assemblies in the Aircraft per the SNX-C01 Drawing ensuring that each Pedal Assembly is returned to it's original position.
- 5.) Check to ensure that full rudder travel is available without interference on the Pedals.
- 6.) Enter in Aircraft Log book that Service Bulletin SNX-SB-001 was complied with per Method A.

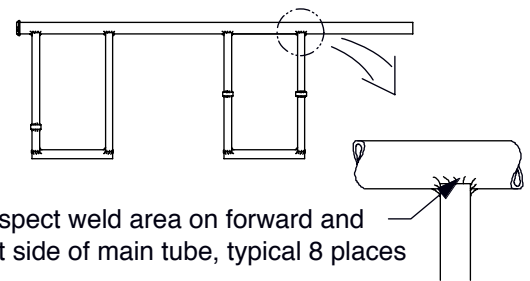


Figure B Inspection of Rudder Pedal Assembly

Method B: Replace the Rudder Pedals with SNX-C02-09 Rudder Pedals as shown on page 3 of this Service Bulletin and on the SNX-C02 Drawing (revision C)
Note: Enter in Aircraft Log book that Service Bulletin SNX-SB-001 was complied with per Method B.