

NCSX Corrective Action Resolution Response

CA # 1538

Date: Feb. 6, 2006

NCSX Response: This CA addresses 7 areas on B1 that deviate from the model dimensions as detailed in the attached. NCSX agrees with EIO's planned action plan, as summarized below. Other than Area 1, NCSX leaves the decision about the necessity of pattern changes to EIO.

Area 1: Areas of the flange are outside of tolerance range. EIO proposes to add stock in low areas and grind high areas to bring into tolerance, as well as to add stock to core box to prevent recurrence. NCSX concurs- the casting stock addition should be handled as a weld repair.

Area 2: Opposite of area 1, but not related, has excess stock. EIO will remove excess during processing. NCSX concurs.

Area 3: loss of machine stock ranging from 3/8-9/16". EIO feels that since 1" of machine stock was planned, sufficient remains. This is an EIO decision, but it appears reasonable to NCSX.

Area 4 is a thin shell wall condition similar to A1. NCSX reviewed the details and concurs with EIO's recommendation to use as is.

Area 5: Parts of the wing area interface may be high and it is not certain if other areas are out of tolerance. EIO will get better data during layout scans and may need to bring some areas into tolerances. NCR's may be needed if all areas are not brought into compliance.

Area 6: wing interface appears to be high, EIO plans to remove metal as required. NCSX concurs with this plan.

Area 7: Wing interface appears to be high, but details need to be clarified in subsequent scans; EIO plans to remove metal as required. NCSX concurs with this plan.

Approved by:

Tech. Rep.

Responsible Line Manager