

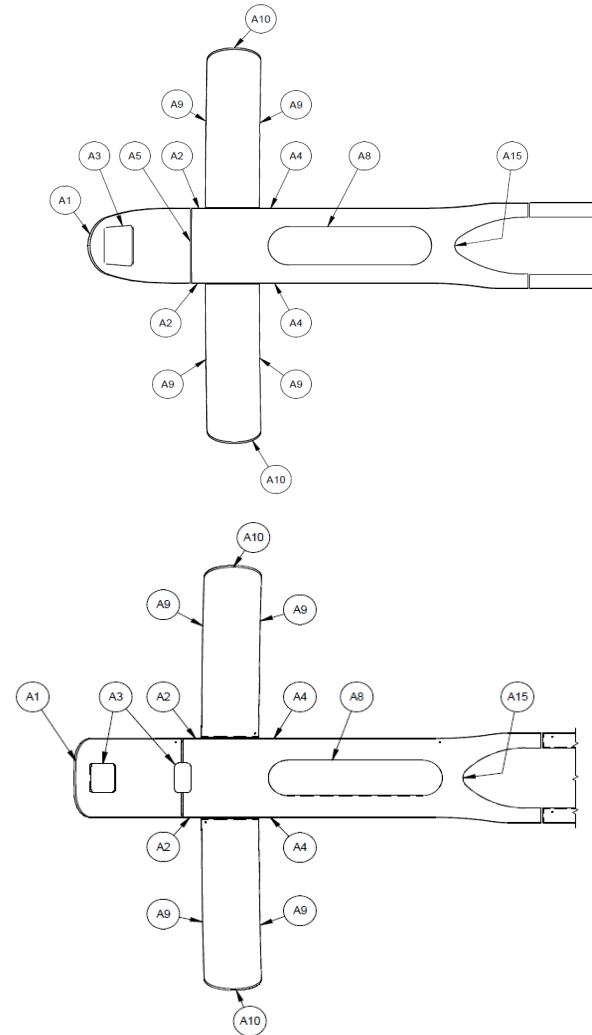
**Location Designations:**

**Sketch/Description:**

**1. Pad-to-Tank Welds** (Designated with an 'A' code)

<u>Code</u>	<u>Description</u>	<u>Location</u>	<u>Inspect</u>
A1	Outboard Sill Pad to Tank Transverse Weld	A and B ends	Full Weld
A2	Outboard Sill Pad Longitudinal Weld Termination	AR, AL, BR, BL	Full Length of Weld to termination at bolster pad.
A3	Weld in outboard sill pad-to tank cutout	A and B ends	Full Weld
A4	Sill pad longitudinal weld outboard termination	AR, AL, BR, BL	Last 6" of weld to termination
A5 <sup>1</sup>	Outboard sill pad to inboard sill pad transverse weld	A and B ends	Full Weld
A8	Inboard sill pad to tank slot welds	A and B ends	Full Weld
A9	Bolster pad to tank transverse weld	ARI, ARO, ALI, ALO, BRI, BRO, BLI, BLO	Full Weld
A10	Top of bolster pad longitudinal weld	AL, AR, BL, BR	Full Weld
A15	Sill pad to tank inboard transverse welds.	A and B ends	Full length of weld including 6" of portions that wrap around longitudinally.

**NSC 001 & 002 Stub Sill Design**



<sup>1</sup> Not applicable for NSC 002 stub sill cars built after Oct. 1, 2015 except builds with lot numbers P7315/14 and P7350/14.

Use the "Generic Tank Head Brace" template for head brace defects.  
Use the "Generic Body Bolster" template for body bolster defects.

Use the TCID "Record Shell/Sill Damage" button for:  
All parent metal defects.  
All structural defects outside the scope of these templates.

**NSC 001 STUB SILL BUILT AFTER APRIL 1, 2015**

**Location Designations:**

**Sketch/Description:**

**1. Sill-to-Pad Welds (Designated with an 'B' code)**

<u>Code</u>	<u>Description</u>	<u>Location</u>	<u>Inspect</u>
B2	Outboard termination of longitudinal weld (outside of sill)	AR, AL, BR, BL	Full Length from bolster web outboard to transition to head brace
B4	Inboard termination of longitudinal weld (outside of sill)	AR, AL, BR, BL	Last 6" of of weld to termination
B22	Outboard termination of longitudinal weld (inside of sill)	AR, AL, BR, BL	Last 6" of of weld to termination
B44	Inboard termination of longitudinal weld (inside of sill)	AR, AL, BR, BL	Last 6" of of weld to termination

Use the "Generic Tank Head Brace" template for head brace defects.  
 Use the "Generic Body Bolster" template for body bolster defects.

Use the TCID "Record Shell/Sill Damage" button for:  
 All parent metal defects.  
 All structural defects outside the scope of these templates.

**NSC 001 & 002 Stub Sill Design**

