

ACIS Verification Summary Report

Specification: ACIS Contract End Item Specification

Requirement Number/Title: 3.7.3.2 Pressure Differentials (VRSD 3.7.3.2)

Requirement Statement: The instrument venting design shall be such that ascent and descent pressure differentials shall be compatible with instrument structural design limits.

Verification Method: Analysis

Procedure Number:

Configuration:

Cycle Time:

Verification Discussion/Results:

The maximum pressure differentials are as follows on ascent:

DEA
.412 PSI

DPA
.333 PSI

the descent pressure curve is much longer. The differentials do not pose any structural problems for the DEA or DPA structure or internal components.

Refer to entry analysis 36-01507.

Fredel Kasprian
ACIS Cognizant Engineer

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Date