

SSVEO IFA List

Date:02/27/2003

STS - 112, OV - 104, Atlantis (26)

Time:03:41:PM

<u>Tracking No</u>	<u>Time</u>	<u>Classification</u>	<u>Documentation</u>	<u>Subsystem</u>	
MER - 1	MET: 000:00:10	Problem	FIAR	IFA STS-112-V-01	RCS
PROP-01	GMT: 280:19:56		SPR 112RF01	UA	Manager:
REV - B			IPR 114-V-0005	PR	

Engineer: Steve Arrieta
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Title: Primary Thruster L4D Failed Off (ORB)

Summary: Immediately prior to ET separation, the RCS primary thruster L4D failed off because of the low chamber pressure on its initial firing. The maximum pressure reached was 16 psia, which is indicative of the fuel valve main stage not opening. The remaining two down-firing thrusters performed nominally during ET separation. There was no mission impact and the thruster remained deselected for the mission.

The thruster will be removed and replaced post flight. This will include the removal and replacement of all thrusters on the L4 manifold.
