

REVISIONS

Letter	ECO No.	Description	Checked	Approved	Date
01	85-050	Initial Release			8/18/03
02	85-051	Added Bose Headset Materials to Inorganic and Polymeric Lists			9/2/03

Preliminary

NAME	DATE	MASSACHUSETTS INSTITUTE OF TECHNOLOGY CENTER FOR SPACE RESEARCH			
Drawn: Brian Klatt	8/18/03	<h3 style="margin: 0;">VOILA INORGANIC MATERIALS LIST</h3>			
Checked:					
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		Size	Code Identification No.	Drawing No.	Rev.
		T	80230	85-04003.1	02
		Scale: NONE		Sheet: 1 of 3	

INORGANIC MATERIALS LIST

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SPACECRAFT ISS SYSTEM/EXPERIMENT VOILA NASA T/O DAVE BAUMANN

CONTRACTOR MIT - CSR ADDRESS 77 Massachusetts Avenue, Cambridge, MA 02139

PREPARED BY Brian Klatt PHONE (617) 253-7555 DATE PREPARED 8/14/03

NASA MATERIALS EVALUATOR _____ PHONE _____ DATE RECEIVED _____ DATE EVALUATED _____

ITEM	MATERIAL IDENTIFICATION	CONDITION	APPLICATION	EXPECTED ENVIRONMENT	NASA EVALUATION		
					A	NA	SA
1	Aluminum 6061-T6 MFR- TBD	Anodize or alodine	Housings, Frames, Support Brackets, etc. in VIPER	T/V -40°C/+40°C 200 Hours 10 ⁻⁶ torr Storage up to 2 years Space -40°C/+40°C 2 years 600 km normal space radiation @ 600 km			
2	Steel, Stainless 302/303/304 MFR - TBD	TBD	Various	Same as above			
3	Copper Tape – 3M Scotch 1181	TBD	Various	Same as above			
4	Aluminum Oxide – Goodfellow AL676010	TBD	Epoxy Filler	Same as above			

