

No.

7-16-76

JSC ROUTING SLIP				ASTRONAUT OFFICE				Due Date	
Circulate	Coordination	File	Read	Necessary Action	Note and Return	See Me	Signature	Comply	
Name or Title			Initial	Date	Name or Title			Initial	Date
CB/Young ✓			Y	7-16	Carr				
Baker					Crippen				
Mattingly ✓			M		Hartsfield				
					Lousma				
Haise					Peterson				
Bobko									
Engle					Kerwin ✓				
Fullerton					Henize				
Overmyer					Lenoir				
Truly					Musgrave				
					Parker				
Bean					Thornton				
Brand					M.S.O. Tech				
Evans									
McCandless					McClure				
Weitz					Read Board				
					Tech Files				
Kimball					Appearances				
Lisenbee					Special Activities				
REMARKS: Ober Salinas Smith If Story musgrave can live in closed quarters with 110 rats, 70 mice, 6 monkeys, 500 fruit flies, 30 racks and an undetermined amount of power. Think about what a stinking mess these animals will make in zero gravity! Joe - I also question the ops feasibility of this too. Is there a reasonable way to do this? From TIK. Phone Date									

MEMORANDUM

Lyndon B. Johnson Space Center



REFER TO: CH35 (76-2)	DATE JUL 15 1976	INITIATOR CH35/GHCress:crt:7/13/76:2581	ENCL
TO: CH3/Chief, Payload Support Systems and Operations Branch		CC CA/G. W. S. Abbey CH4/J. E. Saultz CA/E. F. Kranz CG/J. W. Bilodeau CB/J. W. Young CF/M. P. Frank CH/C. S. Harlan	
FROM: CH35/Glen H. Cress, III		SIGNATURE Glen H. Cress, III	
SUBJ: Trip Report - Spacelab Mission Development Test III Experiment Proposal Review			

what's that! a clam zoo!

The subject meeting was held at Ames Research Center (ARC) on July 7 and was cochaired by Dr. Joe Sharpe (ARC) and Dr. John Rummel (JSC). JSC attendees were Dr. Carter Alexander, Robert Nolte, Fred Spross, and Don Mangold; ARC, David Feller, William Williams, William Berry, Paul Calihan, and J. W. Tremor.

The meeting was devoted primarily to the detailed review of 20 nonhuman and nine human ARC experiment proposals which were selected from an initial list of 63 proposals. As proposed, the ARC complement of experiments would require approximately 30 racks and an undetermined amount of power. The total number of animals required would be approximately 110 rats, 70 mice, six monkeys, and 500 fruit flies. Each of the nonhuman experiments appeared to be both technically and operationally feasible. The human experiments will be further evaluated together with the JSC proposals. One of the human experiments required use of the sled and will not receive further consideration for SMD III. JSC/ARC agreed to proceed with planning for the ARC experiments with ARC performing further scrubbing and combining of experiments to make them compatible with the Spacelab. It appears that the SMD III manifest will be primarily ARC experiments with a few token JSC experiments.

ARC has assigned only one project engineer to support all of the experiments. It is not clear how the experiment hardware will be developed. ARC expects to assign a project manager to SMD III and is trying to obtain some help from their Center Operations Directorate. After final selection of SMD III experiments, JSC will assign a project engineer to each experiment, including those sponsored by ARC. ARC plans to assemble their experiments in racks and then ship to JSC.

There was very little discussion of program management, schedules, responsibilities, or test operations. ARC and JSC agreed to a March 15, 1977, start date for the conduct of SMD III. It was agreed that JSC will develop, for review with ARC, a detailed schedule to include all milestones for development of facilities, experiments, and documentation. ARC is expecting considerable assistance from JSC for the development of crew experiment procedures and the crew activity plan.