NASA Life Sciences Data Archive
Investigator name: Kenneth Baldwin
Mission (Payload): STS-58 (SLS-2)
Experiment title (ID): Effects of Zero-Gravity Exposure on Biochemical and Metabolic Properties of Skeletal Muscle (178127 3/3)
File name/Inventory ID: Preflight data folder

RAHF LOAD/UNLOAD DATA

Date NOV-11-93 Rodent Group FLIGHT Operator CM DMP# RAF-RO-03

Rodents' Birthdate _____ Start 12:30 Stop 13:55

Pre - Hockley
VET Murphy Procedure# AM-02132 PAYLOAD: SLS-2

pg 1 of 2

Rod ID	Body WT	Comments
175	345g	good condition, slightly moist
262	~~262g~~	NO WT BAR.
27	373g	slightly weight. good condition
118	330g	good cond. slightly wet
305		NO WT Both 100 and 200 holes healing, loose feces on tail
28	371g	slightly wet, Rt rear digit #5 damaged.
120	309g	20 hole, raw torn, soft feces on tail, small amt encrustations on prepuce
282		NO WT BAR, encrustations on prepuce, necrotic tail tip
29	281g	Bld. from L & R digit #5 both rear feet.
121	312g	NO WT good condition, except [illegible] and crustation on prepuce
307		
30	347g	slightly moist, small amt of crustation on prepuce.
126	328g	good condition, except digit #1, LRear foot injured small amt of blood (crusted)
290		NO WT 200 hole almost completely closed (G.O. condition)
51	367g	incrustation prepuce.
197	388g	incrustation on prepuce, drier (coat)
180		encrustation on prepuce, small injury Left ear not assoc. punching, drier coat
294	338	NO WT multiple injuries on tail. 200 hole healed, notches shallow, encrust. on prepuce - wet coat
58	[illegible]	encrust. prepuce, fairly wet. injury on left ear margin, rostral to notch
141	315g	40 notch shallow, crust. on prepuce slight gagging (Watch for Resp. Signs) ★
270		porphyrin both nares.
68	333g	distal end tail tip injuries. sm. injur. L Rear foot dig #5 moist coat
142	331g	injury L Rear digit #5. Injury to Distal 3RD of tail. Encrust. on Prepuce
281		porphyrin both nares moist coat
3	314g	necrotic tail tip.
143	340g	injuries Rt ear. encrustations prepuce.
271		#1 hole torn, encrustations on prepuce.
81	359g	scabs around base of Rt ear.
137	314g	encrustations prepuce
306		encrust ↓ porphyrin nares, necrotic tail tip

★ - upon further examination at at ≈ 1400, her comments are as follows good condition No gagging [illegible] both conditions seem to have passed [illegible]

RAHF LOAD/UNLOAD DATA

Date NOV-11-93 Rodent Group FLIGHT Operator CM DMP# RAF-R0-03

Rodents' Birthdate _____ Start 1230 Stop 1455

VET _____ Procedure# AM-02132 PAYLOAD: SLS-2

pg 2 of 2

Rod ID	Body WT	Comments
83	316g	good condition wet coat
133	339g	encrustations prepuce
277	—	good condition
14	346g	injury on distal 3rd of tail
184	358g	very shallow #4
280	—	porphyrin on nares, necrotic tail tip. Lg amt of crust. on penis.
76	348g	Sm. Amt. porphyrin. Small tail injuries distal 1/2. encrusted prepuce
188	357g	encrust. on prepuce.
193	318g	encrust. on prepuce. Sm. injuries on tail both proximal & distal
13	313g	small injuries distal 1/2 of tail.
18	330g	encrust. prepuce. Injuries on distal 3rd, severe injuries on tip.
24	347g	encrust. prepuce.

** all have wet coats, unless noted otherwise

*** - ALL DATA AND COMMENTS were re-transcribed onto a new RAHF LOAD/UNLOAD DATA sheet and information was typed in. (CM)

Date: 11/1/93 (Page 1 of 2) DMP#: RAF-R0-01

Time: 12:30pm Procedure #: AM-02132 Rev. B Op.: _____

Contingency RAHF UNLOAD ORDER

These Data Sheets have been updated since the document was released

	Cage SN	Cage Slot	Recovery#	Rod ID	Cage Type†	Bedding	Video	VERIF	
	024	R3-7A	M1/R0	175 ✓	Viv. ✓	YES	1:00		100 + 200 is healing damaged toe rt. rear #5 20 hole torn
	020	R7-10A	B1/R0	262 ✓	M. Viv. ✓	NO	NO		
	010	R7-5A*	H1/R0	27 ✓	SL-3 SC ✓	NO	:30		
✓	003	R7-1A	V1/R0	118 ✓	Viv. ✓	YES	NO		
	020	R7-10B	B2/R0	305 ✓	M. Viv. ✓	NO	NO		100+200 hole is healing damaged toe rt. rear #5 20 hole torn
	010	R7-5B*	H2/R0	28 ✓	SL-3 SC ✓	NO	:30		
✓	003	R7-1B	V2/R0	120 ✓	Viv. ✓	YES	NO		
✓	022	R7-11A	B3/R0	282 ✓	M. Viv. ✓	NO	NO		
	012	R7-6A*	H3/R0	29 ✓	SL-3 SC ✓	NO	:30		injured toe left & rt. rear injured toe left + rt. rear
✓	005	R7-2A	V3/R0	121 ✓	Viv. ✓	YES	NO		
	022	R7-11B	B4/R0	307 ✓	M. Viv. ✓	NO	NO		
	012	R7-6B*	H4/R0	30 ✓	SL-3 SC ✓	NO	:30		
✓	005	R7-2B	V4/R0	126 ✓	Viv. ✓	YES	NO		
✓	029	R7-12A	B5/R0	290 ✓	M. Viv. ✓	NO	NO		
	013	R7-7A*	H5/R0	51 ✓	SL-3 SC ✓	NO	:30		
	026	R3-9B	V5/R0 °	197 ✓	Viv. ✓	YES	NO		
✓	024	R3-7B	M2/R0	180 ✓	Viv. ✓	YES	1-2:00		200 hole healed other notches shallow 200 hole healed other notches shallow
✓	029	R7-12B	B6/R0	294 ✓	M. Viv. ✓	NO	NO		
	013	R7-7B*	H6/R0	58 ✓	SL-3 SC ✓	NO	:30		
✓	007	R7-3B	V6/RML	141 ✓	SL-3 SC ✓	NO	1-2:00		
	027	R3-10A	B7/RML	270 ✓	Met. ✓	NO	:45		
	016	R7-8A*	H7/R0	68 ✓	SL-3 SC ✓	NO	:30		
✓	008	R7-4A	V7/RML	142 ✓	SL-3 SC ✓	NO	1-2:00		
	027	R3-10B	B8/RML	281 ✓	Met. ✓	NO	:45		

† Cage Type refers to the type of cage this rodent is to be placed into at RAHF unloading
* Indicates cage slots with radioactive rodents
° M6 becomes V5 to complete the requirement for 10 post-flight rats for theVestibular experiment

Date: _____ (Page 2 of 2) DMP#: RAF-R0-01

Time: _____ Procedure #: AM-02132 Rev. B Op.: _____

Contingency RAHF UNLOAD ORDER

These Data Sheets have been updated since the document was released

	Cage SN	Cage Slot	Recovery#	Rod ID	Cage Type†	Bedding	Video	VERIF	
	016	R7-8B*	H8/R0	3 ✓	SL-3 SC ✓	NO	:30		
	008	R7-4B	V8/RML	143 ✓	SL-3 SC ✓	NO	1-2:00		one hole torn
	028	R3-11A	B9/RML	271 ✓	Met. ✓	NO	:45		one hole torn
	019	R7-9A*	H9/R0	81 ✓	SL-3 SC ✓	NO	:30		
✓	015	R3-3A	V9/RML	137 ✓	SL-3 SC ✓	NO	1-2:00		
	028	R3-11B	B10/RML	306 ✓	Met. ✓	NO	:45		
	019	R7-9B*	H10/R0	83 ✓	SL-3 SC ✓	NO	:30		
	018	R3-4B	V10/RML	133 ✓	Viv. ✓	YES	1-2:00		
	030	R3-12A	B11/RML	277 ✓	Met. ✓	NO	:45		
	018	R3-4A*	H11/R9	14 ✓	SL-3 SC ✓	NO	:30		
✓	025	R3-8A	M3/R0	184 ✓	Viv. ✓	YES	1-2:00		
	030	R3-12B	B12/RML	280 ✓	Met. ✓	NO	:45		
	021	R3-5A*	H12/R9	76 ✓	SL-3 SC ✓	NO	:30		
	025	R3-8B	M4/R0	188 ✓	Viv. ✓	YES	1-2:00		still photo shots
	026	R3-9A	M5/R0	193 ✓	Viv. ✓	YES	1-2:00		" " "
	021	R3-5B*	H13/R9	13 ✓	SL-3 SC ✓	NO	~~:30~~ MP		still photo shots
	023	R3-6A*	H14/R9	18 ✓	SL-3 SC ✓	NO	~~:30~~ MP		" " "
	023	R3-6B*	H15/R9	24 ✓	SL-3 SC	NO	~~:30~~ MP		" " "
	006	R3-1A	V11/FD13	117	N/A	N/A	N/A	Diss. Inflight	
	006	R3-1B	V12/FD13	124	N/A	N/A	N/A	Diss. Inflight	
	014	R3-2A	V13/FD13	125	N/A	N/A	N/A	Diss. Inflight	
✓	014	R3-2B	V14/FD13	128	N/A	N/A	N/A	Diss. Inflight	
	015	R3-3A	V15/FD13	134	N/A	N/A	N/A	Diss. Inflight	
	015	R3-3B	V16/FD13	136	N/A	N/A	N/A	Diss. Inflight	