NASA SUSPENDED LOAD OPERATION INTERIM ANALYSIS/APPROVAL

1. OPERATION
Install small cordless microphone on ET-82 aft hardpoint per TPS ET-82-SF001

2. REQUESTOR	ORGN.	PHONE	DATE	REQUEST NO.
M. Wollam	USA 55-43	861-5835	6/10/96	SLO-KSC-1996-005

3. CONTRACTOR	4. CONTRACT NO.	5. VEHICLE/GSE/EFFECTIVITY FACILITY	6. TIME PERIOD/DURATION
USA	NAS 10-10900	ET-82 Offload in VAB	ET-82 Offload

7. DOCUMENT	8. TITLE	9. ITEM NO.
GP-1098	KSC Ground Operations Safety Plan VOL I	Sect 2.36
NSS/GO/1740.9	NASA Safety Standard for Lifting Devices + Equipment	Para 206a(21)

10. REQUIREMENT
GP1098 – "A load will not be lifted, suspended or transported over personnel..."
NSS/GO/1740.9 – "Personnel shall not be located under suspended or moving loads unless the operation adheres to the OSHA-approved NASA Alternate Safety Standard for Suspended Load Operation."

11. DESCRIPTION
Allow one person under the suspended aft end of ET to attach small plate with wireless microphone attached. Estimated time under suspended load is less than 5 minutes. Person will already be under the load performing aft transportation fitting ops: Ref SLOAA SLO-KSC-1991-015.

12. DETAILED RATIONALE
The microphone will be essential in tracking an unknown noise heard during a previous operation (ET-81 Offload). Cause of noise must be identified. No other method is available to attach microphone. NO workarounds are available.

13. REMARKS
Since the technician will already be working under an approved suspended load, this operation will involve minimum and acceptable risk for an essential trouble-shooting task. Approved suspended load operation is covered by SLO-KSC-1991-015, using OMI T5002.012.

14. REQUIRED APPROVAL

CONTRACTOR		NASA	
☐ DESIGNS	☐ R&QA	☐ DESIGNS	☐ R&QA
☐ OPERATIONS	☐ SAFETY	☐ OPERATIONS	☐ SAFETY

15. TYPE OR PRINT NAME	SIGNATURE	ORGN.	DATE
Mark Wollam USA-SE Engr	Mark Wollam	55-43	6/10/96
for Jim Cawby Engr-Manager	Mark Wollam	55-43	6/10/96
ROBERT F SPEECE PK-H7	Robert F Speece NASA	PK-H7	6-10-96
John W JAMBA, USA SAFETY	John W Jamba	54-20	6/10/96
J. REYNOLDS	M. Glenn for per telecon	RT	6/10/96

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