

SECRET

File

OSA 1339-69

2 May 1969

MEMORANDUM FOR: Budget and Finance Division, OSA

ATTENTION : Mr.

25X1

SUBJECT : Increased Funds for Contract

25X1

REFERENCE : OSA 0948-69, 4 April 1969

1. It is requested that the funds for Work Order 4, under Contract no. be increased by the amount of \$12,068.00. This additional amount is made necessary by a projected increase in cost of this work order.

25X1

2. If additional information is required, please contact

25X1

*9/16/69
9161-1082*

[Signature]

25X1

Chief, Communications Division
OSA/DDS&T

OSA/COMMO/ENG/ (2 May 69)

25X1

- Distribution:
- 2 - BFD/OSA
 - 1 - COMMO/OSA
 - 1 - RB/OSA
 - 1 - Chrono

Amendment mor 2167 has been written covering this \$12,068. Check with CTR and stated contract was complete. 8/12/70

SECRET

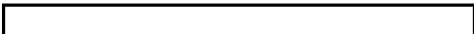
GROUP 1
Excluded from automatic
downgrading and
declassification

September 3, 1970

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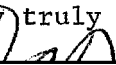
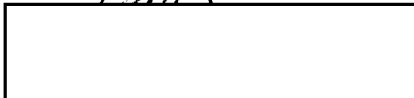
Subject: Work Order No. 4
Contract 
Residual Inventory

Gentlemen:

The Contractor forwards herewith Inventory Schedule B, DD Form 543, in two increments. Increment No. 1, Reference No. D-1366, indicates items other than those considered as scrap. Increment No. 2, Reference No. D-1367, includes items considered scrap and are made up of a miscellaneous assortment consisting of brackets, mounts, covers, gasket, chassis, etc.

The Contractor requests your early instructions as to disposition.

Very truly yours,

Contract Manager

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JAT:mes

INVENTORY SCHEDULE B	DEPARTMENT OF DEFENSE <input type="checkbox"/> TERMINATION <input checked="" type="checkbox"/> NONTERMINATION	DATE 31 August 1970	Form approved. Budget Bureau No. 22-R075.
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<input type="checkbox"/> RAW MATERIALS (Other than metals) <input checked="" type="checkbox"/> PURCHASED PARTS <input type="checkbox"/> FINISHED COMPONENTS <input type="checkbox"/> FINISHED PRODUCT <input type="checkbox"/> MISCELLANEOUS	PROPERTY CLASSIFICATION (See instruction on reverse) Commercial Value	PAGE NO. 1	NUMBER OF PAGES 2
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THIS SCHEDULE APPLIES TO (Check one) <input checked="" type="checkbox"/> A PRIME CONTRACT WITH THE GOVERNMENT <input type="checkbox"/> SUBCONTRACT(S) OR PURCHASE ORDER(S)	COMPANY
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CONTRACTOR WHO SENT NOTICE OF TERMINATION	STREET ADDRESS
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NAME	CITY AND STATE
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ADDRESS	LOCATION OF MATERIAL
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PRODUCT COVERED Program Management Services	GOVERNMENT PRIME CONTRACT NO. SUBCONTRACT OR P. O. NO. REFERENCE NO. D-1366
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GOVERNMENT PRIME CONTRACT NO.	SUBCONTRACT OR P. O. NO.	REFERENCE NO. D-1366
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FOR USE OF CONTRACTING AGENCY ONLY	ITEM NO. (a)	DESCRIPTION (If property has commercial value, furnish adequate commercial description (See instr.). Otherwise, furnish description sufficient to enable contracting officer or authorized contractor to determine appropriate disposition thereof. Where practicable, show manufacturer's name, address and catalog number. Where cols. b1 and b2 are not applicable, write col. b entry across the two cols.) (b)	GOVERNMENT PART OR DRAWING NUMBER AND REV. NUMBER (b1)	TYPE OF PACKING (Bulk, bbls, crates, etc.) (b2)	CONDITION (Use code) (c)	QUANTITY (d)	UNIT OF MEASURE (d1)	COST (For finished product, show contract price instead of cost)		CONTRACTOR'S OFFER OR PROCEEDS OF SALE (g)	FOR USE OF CONTRACTING AGENCY ONLY
								UNIT (e)	TOTAL (f)		
		Storage Tag No. 1600									
	1	Cable Marker, 152-4367-000			N2	31	Ea.	\$.04	\$ 1.24		
	2	Cable Marker, 152-4368-000			N2	21	Ea.	.05	1.05		
	3	Terminal Lug, 304-0749-000			N2	3	Ea.	.17	.51		
	4	Three-Gang Variable Resistor, 383-0056-030			N2	1	Ea.		27.56		
	5	#8 Stranded Wire, 439-6887-000			N2	10	Ft.	.10	1.00		
	6	#4 Stranded Wire, 439-6889-000			N2	8	Ft.	.26	2.08		
	7	RG-141A/U Coaxial Cable, 425-1534-000			N2	25	Ft.	.29	7.25		

INVENTORY SCHEDULE CERTIFICATE

The undersigned, individually and as an authorized representative of the Contractor, certifies that he has examined this Inventory Schedule, page numbers 1 to 2 inclusive, dated 8/31/70 and that in the exercise of his best judgment and to the best of his knowledge, based upon information believed by him to be reliable, said Schedule has been prepared in accordance with applicable instructions; that the inventory described therein is allocable to the designated contract and is located at the places specified; if the property reported therein is termination inventory, that the quantities are not in excess of the reasonable quantitative requirements of the terminated portion of the contract; that said Schedule does not include any items reasonably usable, without loss to the Contractor, on its other work; that the costs shown on such Schedules are in accordance with the Contractor's books of account; and that the prices shown in column g, representing the proceeds of authorized sale of the items covered thereby, are fair and reasonable.

The Contractor agrees to inform the Contracting Officer of any substantial change in the status of the inventory shown in this Schedule between the date hereof and the final disposition of such inventory.

Subject to any authorized prior disposition, title to the inventory listed in this Schedule is hereby tendered to the Government and is warranted to be free and clear of all liens and encumbrances.

NAME OF CONTRACTOR	BY (Signature of Authorized Official)	TITLE Government Property Administrator	DATE 8/31/70
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Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6

DEPARTMENT OF DEFENSE												
INVENTORY SCHEDULE B—CONTINUATION SHEET										<input type="checkbox"/> TERMINATION <input checked="" type="checkbox"/> NON-TERMINATION		
<input type="checkbox"/> RAW MATERIALS (Other than Metals) <input checked="" type="checkbox"/> PURCHASED PARTS <input type="checkbox"/> FINISHED COMPONENTS <input type="checkbox"/> FINISHED PRODUCT <input type="checkbox"/> MISCELLANEOUS			Form approved. Budget Bureau No. 22-R075									
GOVERNMENT PRIME CONTRACT NO.		SUBCONTRACT OR P. O. NO.		REFERENCE NO.		PROPERTY CLASSIFICATION (See instruction on DD 543)			DATE		PAGE NO.	NO. OF PAGES
				D-1366		Commercial Value			8/31/70		2	2
FOR USE OF CONTRACTING AGENCY ONLY	ITEM NO.	DESCRIPTION				CONDITION (Use code)	QUANTITY	UNIT OF MEASURE	COST (For finished product, show contract price instead of cost)		CONTRACTOR'S OFFER OR PROCEEDS OF SALE	FOR USE OF CONTRACTING AGENCY ONLY
		ITEM	GOVERNMENT PART OR DRAWING NUMBER AND REV. NUMBER	TYPE OF PACKING (Bulk, bbls, crates, etc.)					UNIT	TOTAL		
(a)	(b)	(b1)	(b2)	(c)	(d)	(d1)	(e)	(f)	(g)			
	8	#8 THW Stranded Wire, 422-4978-000			N2	40	Ft.	.06	2.40			
	9	#4 THW Stranded Wire, 422-4962-000			N2	30	Ft.	.16	4.80			
	10	5-Conductor, 18-AWG Cable, Belden #8465			N2	200	Ft.	.09	18.00			
							Total		\$65.89			

INVENTORY SCHEDULE B				DEPARTMENT OF DEFENSE		DATE 31 August 1970		Form approved. Budget Bureau No. 22-R075.			
<input type="checkbox"/> TERMINATION <input checked="" type="checkbox"/> NONTERMINATION				PROPERTY CLASSIFICATION (See instruction on reverse) Commercial Value		PAGE NO. 1		NUMBER OF PAGES 2			
THIS SCHEDULE APPLIES TO (Check one) <input checked="" type="checkbox"/> A PRIME CONTRACT WITH THE GOVERNMENT <input type="checkbox"/> SUBCONTRACT(S) OR PURCHASE ORDER(S)				COMPANY		STAT					
CONTRACTOR WHO SENT NOTICE OF TERMINATION				STREET ADDRESS							
NAME				CITY AND STATE							
ADDRESS				LOCATION OF MATERIAL							
PRODUCT COVERED BY CONTRACT OR ORDER Program Management Services				REFERENCE NO. D-1366							
GOVERNMENT PRIME CONTRACT NO.		SUBCONTRACT OR P. O. NO.		REFERENCE NO.							
				D-1366							
FOR USE OF CONTRACTING AGENCY ONLY	ITEM NO. (a)	DESCRIPTION (If property has commercial value, furnish adequate commercial description (See Instr.). Otherwise, furnish description sufficient to enable contracting officer or authorized contractor to determine appropriate disposition thereof. Where practicable, show manufacturer's name, address and catalog number. Where col. b1 and b2 are not applicable, write col. b entry across the two cols.) (b)	GOVERNMENT PART OR DRAWING NUMBER AND REV. NUMBER (b1)	TYPE OF PACKING (Bulk, bbls, crates, etc.) (b2)	CONDITION (Use code) (c)	QUANTITY (d)	UNIT OF MEASURE (d1)	COST (For finished product, show contract price instead of cost)		CONTRACTOR'S OFFER OR PROCEEDS OF SALE (g)	FOR USE OF CONTRACTING AGENCY ONLY
								UNIT (e)	TOTAL (f)		
	1	Storage Tag No. 1600			N2	31	Ea.	\$.04	\$ 1.24		
	2	Cable Marker, 152-4367-000			N2	21	Ea.	.05	1.05		
	3	Cable Marker, 152-4368-000			N2	3	Ea.	.17	.51		
	4	Terminal Lug, 304-0749-000									
	5	Three-Gang Variable Resistor, 383-0056-030			N2	1	Ea.		27.56		
	6	#8 Stranded Wire, 439-6887-000			N2	10	Ft.	.10	1.00		
	7	#4 Stranded Wire, 439-6889-000			N2	8	Ft.	.26	2.08		
		RG-141A/U Coaxial Cable, 425-1534-000			N2	25	Ft.	.29	7.25		
INVENTORY SCHEDULE CERTIFICATE											
The undersigned, individually and as an authorized representative of the Contractor, certifies that he has examined this Inventory Schedule, page numbers 1 to 2 inclusive, dated 8/31/70 and that in the exercise of his best judgment and to the best of his knowledge, based upon information believed by him to be reliable, said Schedule has been prepared in accordance with applicable instructions; that the inventory described therein is allocable to the designated contract and is located at the places specified; if the property reported therein is termination inventory, that the quantities are not in excess of the reasonable quantitative requirements of the terminated portion of the contract; that said Schedule does not include any items reasonably usable, without loss to the Contractor, on its						other work; that the costs shown on such Schedules are in accordance with the Contractor's books of account; and that the prices shown in column g, representing the proceeds of authorized sale of the items covered thereby, are fair and reasonable. The Contractor agrees to inform the Contracting Officer of any substantial change in the status of the inventory shown in this Schedule between the date hereof and the final disposition of such inventory. Subject to any authorized prior disposition, title to the inventory listed in this Schedule is hereby tendered to the Government and is warranted to be free and clear of all liens and encumbrances.					
NAME OF CONTRACTOR				BY (Signature of Authorized Official)				TITLE Government Property Administrator		DATE 8/31/70	
NAME											

DEPARTMENT OF DEFENSE

INVENTORY SCHEDULE B—CONTINUATION SHEET

TERMINATION NON-TERMINATION

Form approved.
Budget Bureau No. 22-R075

RAW MATERIALS (Other than Metals) PURCHASED PARTS FINISHED COMPONENTS FINISHED PRODUCT MISCELLANEOUS

GOVERNMENT PRIME CONTRACT NO. _____ SUBCONTRACT OR P. O. NO. _____ REFERENCE NO. **D-1366** PROPERTY CLASSIFICATION (See instruction on DD 543) **Commercial Value** DATE **8/31/70** PAGE NO. **2** NO. OF PAGES **2**

FOR USE OF CONTRACTING AGENCY ONLY	ITEM NO. (a)	DESCRIPTION ITEM (b)	GOVERNMENT PART OR DRAWING NUMBER AND REV. NUMBER (b1)	TYPE OF PACKING (Bulk, bbls, crates, etc.) (b2)	CONDITION (Use code) (c)	QUANTITY (d)	UNIT OF MEASURE (d1)	COST (For finished product, show contract price instead of cost)		CONTRACTOR'S OFFER OR PROCEEDS OF SALE (g)	FOR USE OF CONTRACTING AGENCY ONLY
								UNIT (e)	TOTAL (f)		
	8	#8 THW Stranded Wire, 422-4978-000			N2	40	Ft.	.06	2.40		
	9	#4 THW Stranded Wire, 422-4962-000			N2	30	Ft.	.16	4.80		
	10	5-Conductor, 18-AWG Cable, Belden #8465			N2	200	Ft.	.09	18.00		
							Total		\$65.89		

INVENTORY SCHEDULE B		DEPARTMENT OF DEFENSE		DATE	31 August 1970		Form approved. Budget Bureau No. 22-R075.		
<input type="checkbox"/> TERMINATION		<input checked="" type="checkbox"/> NONTERMINATION		PROPERTY CLASSIFICATION (See instruction on reverse)		PAGE NO.		NUMBER OF PAGES	
<input type="checkbox"/> RAW MATERIALS (Other than metals) <input checked="" type="checkbox"/> PURCHASED PARTS <input type="checkbox"/> FINISHED COMPONENTS <input type="checkbox"/> FINISHED PRODUCT <input type="checkbox"/> MISCELLANEOUS				Commercial Value		1		2	
THIS SCHEDULE APPLIES TO (Check one)				COMPANY					
<input checked="" type="checkbox"/> A PRIME CONTRACT WITH THE GOVERNMENT				<input type="checkbox"/> SUBCONTRACT(S) OR PURCHASE ORDER(S)					
CONTRACTOR WHO SENT NOTICE OF TERMINATION				STREET ADDRESS					
NAME				CITY AND STATE					
ADDRESS				LOCATION OF MATERIAL					
PRODUCT COVERED BY CONTRACT OR ORDER				Program Management Services					
GOVERNMENT PRIME CONTRACT NO.		SUBCONTRACT OR P. O. NO.		REFERENCE NO.					
				D-1366					

FOR USE OF CONTRACTING AGENCY ONLY	ITEM NO.	DESCRIPTION <small>(If property has commercial value, furnish adequate commercial description (See instr.). Otherwise, furnish description sufficient to enable contracting officer or authorized contractor to determine appropriate disposition thereof. Where practicable, show manufacturer's name, address and catalog number. Where cols. b1 and b2 are not applicable, write col. b entry across the two cols.)</small>	GOVERNMENT PART OR DRAWING NUMBER AND REV. NUMBER <small>(b1)</small>	TYPE OF PACKING (Bulk, bbls, crates, etc.) <small>(b2)</small>	CONDITION (Use code) <small>(c)</small>	QUANTITY <small>(d)</small>	UNIT OF MEASURE <small>(d1)</small>	COST <small>(For finished product, show contract price instead of cost)</small>		CONTRACTOR'S OFFER OR PROCEEDS OF SALE <small>(g)</small>	FOR USE OF CONTRACTING AGENCY ONLY
								UNIT <small>(e)</small>	TOTAL <small>(f)</small>		
		Storage Tag No. 1600									
	1	Cable Marker, 152-4367-000			N2	31	Ea.	\$.04	\$ 1.24		
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NAME OF CONTRACTOR		BY (Signature of Authorized Official) <i>[Signature]</i>	
NAME OF		TITLE Government Property Administrator	
		DATE 8/31/70	

Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6

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DEPARTMENT OF DEFENSE												
INVENTORY SCHEDULE B—CONTINUATION SHEET										Form approved. Budget Bureau No. 22-R075		
<input type="checkbox"/> RAW MATERIALS (Other than Metals)		<input checked="" type="checkbox"/> PURCHASED PARTS		<input type="checkbox"/> FINISHED COMPONENTS		<input type="checkbox"/> FINISHED PRODUCT		<input type="checkbox"/> MISCELLANEOUS		<input type="checkbox"/> TERMINATION	<input checked="" type="checkbox"/> NON-TERMINATION	
GOVERNMENT PRIME CONTRACT NO.		SUBCONTRACT OR P. O. NO.		REFERENCE NO.		PROPERTY CLASSIFICATION (See instruction on DD 543)			DATE		PAGE NO.	NO. OF PAGES
				D-1366		Commercial Value			8/31/70		2	2
FOR USE OF CONTRACTING AGENCY ONLY	ITEM NO.	DESCRIPTION	GOVERNMENT PART OR DRAWING NUMBER AND REV. NUMBER (b1)	TYPE OF PACKING (Bulk, bbls, crates, etc.) (b2)	CONDITION (Use code) (c)	QUANTITY (d)	UNIT OF MEASURE (d1)	COST (For finished product, show contract price instead of cost)		CONTRACTOR'S OFFER OR PROCEEDS OF SALE (g)	FOR USE OF CONTRACTING AGENCY ONLY	
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INVENTORY SCHEDULE B		DEPARTMENT OF DEFENSE		DATE 31 August 1970		Form approved. Budget Bureau No. 22-R075.					
<input type="checkbox"/> TERMINATION <input checked="" type="checkbox"/> NONTERMINATION		PROPERTY CLASSIFICATION (See instruction on reverse) No Commercial Value				PAGE NO. 1	NUMBER OF PAGES 1				
<input type="checkbox"/> RAW MATERIALS (Other than metals) <input type="checkbox"/> PURCHASED PARTS <input type="checkbox"/> FINISHED COMPONENTS <input type="checkbox"/> FINISHED PRODUCT <input checked="" type="checkbox"/> MISCELLANEOUS		THIS SCHEDULE APPLIES TO (Check one) <input checked="" type="checkbox"/> A PRIME CONTRACT WITH THE GOVERNMENT <input type="checkbox"/> SUBCONTRACT(S) OR PURCHASE ORDER(S)		COMPANY							
CONTRACTOR WHO SENT NOTICE OF TERMINATION		NAME		STREET ADDRESS		STAT					
ADDRESS		CITY AND STATE		LOCATION OF MATERIAL		STAT					
PRODUCT COVERED BY CONTRACT Program Management Services		GOVERNMENT PRIME CONTRACT NO.		SUBCONTRACT OR P. O. NO.		REFERENCE NO. D-1367					
FOR USE OF CONTRACTING AGENCY ONLY	ITEM NO. (a)	DESCRIPTION (If property has commercial value, furnish adequate commercial description (See Instr.). Otherwise, furnish description sufficient to enable contracting officer or authorized contractor to determine appropriate disposition thereof. Where practicable, show manufacturer's name, address and catalog number. Where cols. b1 and b2 are not applicable, write col. b entry across the two cols.) (b)	GOVERNMENT PART OR DRAWING NUMBER AND REV. NUMBER (b1)	TYPE OF PACKING (Bulk, bbls, crates, etc.) (b2)	CONDITION (Use code) (c)	QUANTITY (d)	UNIT OF MEASURE (d1)	COST (For finished product, show contract price instead of cost)		CONTRACTOR'S OFFER OR PROCEEDS OF SALE (g)	FOR USE OF CONTRACTING AGENCY ONLY
								UNIT (e)	TOTAL (f)		
	1	Storage Tag No. <u>1600</u> Misc. Scrap material consisting of brackets, mounts, covers, gasket, chassis, etc.			S	10	Lbs.		Est. \$300.00		

INVENTORY SCHEDULE CERTIFICATE

The undersigned, individually and as an authorized representative of the Contractor, certifies that he has examined this Inventory Schedule, page numbers 1 to 1 inclusive, dated 8/31/70 and that in the exercise of his best judgment and to the best of his knowledge, based upon information believed by him to be reliable, said Schedule has been prepared in accordance with applicable instructions; that the inventory described therein is allocable to the designated contract and is located at the places specified; if the property reported therein is termination inventory, that the quantities are not in excess of the reasonable quantitative requirements of the terminated portion of the contract; that said Schedule does not include any items reasonably usable, without loss to the Contractor, on its other work; that the costs shown on such Schedules are in accordance with the Contractor's books of account; and that the prices shown in column g, representing the proceeds of authorized sale of the items covered thereby, are fair and reasonable.

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NAME OF CONTRACTOR		BY (Signature of Authorized Official)	TITLE Government Property Administrator	DATE 8/31/70
NAME		Controller		

INVENTORY SCHEDULE B		<input type="checkbox"/> TERMINATION <input checked="" type="checkbox"/> NONTERMINATION		DATE 31 August 1970	Form approved. Budget Bureau No. 22-R075.
<input type="checkbox"/> RAW MATERIALS (Other than metals) <input type="checkbox"/> PURCHASED PARTS <input type="checkbox"/> FINISHED COMPONENTS <input type="checkbox"/> FINISHED PRODUCT <input checked="" type="checkbox"/> MISCELLANEOUS		PROPERTY CLASSIFICATION (See instruction on reverse) No Commercial Value		PAGE NO. 1	NUMBER OF PAGES 1
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CONTRACTOR WHO SENT NOTICE OF TERMINATION					
NAME					
ADDRESS					
PRODUCT COVERED BY CONTRACT OR ORDER Program Management Services					
GOVERNMENT PRIME CONTRACT NO.		SUBCONTRACT OR P. O. NO.	REFERENCE NO. D-1367		

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								UNIT (e)	TOTAL (f)		
	1	Storage Tag No. <u>1600</u> Misc. Scrap material consisting of brackets, mounts, covers, gasket, chassis, etc.			S	10	Lbs.		Est. \$300.00		

INVENTORY SCHEDULE CERTIFICATE

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NAME		Controller		

INVENTORY SCHEDULE B			DEPARTMENT OF DEFENSE <input type="checkbox"/> TERMINATION <input checked="" type="checkbox"/> NONTERMINATION		DATE 31 August 1970	Form approved. Budget Bureau No. 22-R075.	
<input type="checkbox"/> RAW MATERIALS (Other than metals) <input type="checkbox"/> PURCHASED PARTS <input type="checkbox"/> FINISHED COMPONENTS <input type="checkbox"/> FINISHED PRODUCT <input checked="" type="checkbox"/> MISCELLANEOUS			PROPERTY CLASSIFICATION (See instruction on reverse) No Commercial Value			PAGE NO. 1	NUMBER OF PAGES 1
THIS SCHEDULE APPLIES TO (Check one) <input checked="" type="checkbox"/> A PRIME CONTRACT WITH THE GOVERNMENT <input type="checkbox"/> SUBCONTRACT(S) OR PURCHASE ORDER(S)					COMPANY		
CONTRACTOR WHO SENT NOTICE OF TERMINATION					STAT		
NAME		STREET ADDRESS					
ADDRESS		CITY AND STATE					
PRODUCT COVERED BY CONTRACT OR ORDER Program Management Services					LOCATION OF MATERIAL		
GOVERNMENT PRIME CONTRACT NO.		SUBCONTRACT OR P. O. NO.		REFERENCE NO. D-1367			

FOR USE OF CONTRACTING AGENCY ONLY	ITEM NO. (a)	DESCRIPTION (If property has commercial value, furnish adequate commercial description (See instr.). Otherwise, furnish description sufficient to enable contracting officer or authorized contractor to determine appropriate disposition thereof. Where practicable, show manufacturer's name, address and catalog number. Where col. b1 and b2 are not applicable, write col. b entry across the two cols.) (b)	GOVERNMENT PART OR DRAWING NUMBER AND REV. NUMBER (b1)	TYPE OF PACKING (Bulk, bbls, crates, etc.) (b2)	CONDITION (Use code) (c)	QUANTITY (d)	UNIT OF MEASURE (d1)	COST (For finished product, show contract price instead of cost)		CONTRACTOR'S OFFER OR PROCEEDS OF SALE (g)	FOR USE OF CONTRACTING AGENCY ONLY
								UNIT (e)	TOTAL (f)		
	1	Storage Tag No. <u>1600</u> Misc. Scrap material consisting of brackets, mounts, covers, gasket, chassis, etc.			S	10	Lbs.		Est. \$300.00		

INVENTORY SCHEDULE CERTIFICATE			
<p>The undersigned, individually and as an authorized representative of the Contractor, certifies that he has examined this Inventory Schedule, page numbers 1 to 1 inclusive, dated 8/31/70 and that in the exercise of his best judgment and to the best of his knowledge, based upon information believed by him to be reliable, said Schedule has been prepared in accordance with applicable instructions; that the inventory described therein is allocable to the designated contract and is located at the places specified; if the property reported therein is termination inventory, that the quantities are not in excess of the reasonable quantitative requirements of the terminated portion of the contract; that said Schedule does not include any items reasonably usable, without loss to the Contractor, on its other work; that the costs shown on such Schedules are in accordance with the Contractor's books of account; and that the prices shown in column g, representing the proceeds of authorized sale of the items covered thereby, are fair and reasonable.</p> <p>The Contractor agrees to inform the Contracting Officer of any substantial change in the status of the inventory shown in this Schedule between the date hereof and the final disposition of such inventory.</p> <p>Subject to any authorized prior disposition, title to the inventory listed in this Schedule is hereby tendered to the Government and is warranted to be free and clear of all liens and encumbrances.</p>			
NAME OF CONTRACTOR		BY (Signature of Authorized Official)	
TITLE Government Property Administrator		DATE 8/31/70	
NAME Controller			

8 July 1968


STAT



file



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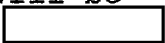
Subject: Contract No. 

STAT

Enclosure: Two copies of subject contract.

Dear Sir:

The enclosure, executed on behalf of the contractor, is forwarded herewith.

The Contract has been executed with the understanding that the per diem rate for work order number 1, which will provide for Program Management Services will be in accordance with that set forth in Contract  Part VI A.(1).

STAT

Sincerely,



STAT

Director, Special Projects

LOL/kr

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(When Filled In)

FILE INFO

10 Oct 68 80262

REPRODUCTION PROHIBITED

10 Oct 68 20 11

ACTION	1	Comm	6	11	16
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NNNS E C R E T 091600Z OCT 68 CITE [redacted]

25X1

CR-1601

IDEALIST [redacted] CONTRACTS

1. FOLLOWING ACTIVITY REPORT IS SUBMITTED FOR 30 SEPTEMBER AND 1 THROUGH 3 OCT VISIT OF MESSRS. [redacted]

25X1

[redacted] TO PERFORM UPDATE MODIFICATION ON INSTALLED 237B-3 ANTENNAS.

A. GENERAL

BOTH 237B-3 ANTENNAS (3 AND 5) WERE NOT EQUIPPED WITH ERECTION KITS. ERECTION KITS WERE INSTALED AND DETAILED SURVEY MADE OF ANTENNA FOUNDATIONS AND ANCHOR TO DETERMINE WHAT DISCREPANCIES, IF ANY, EXISTED BETWEEN EXISTING INSTALLATION AND LAYOUT SPECIFICATIONS. MODIFIED ROTATORS WERE HANDCARRIED [redacted] BY MODIFICATION TEAM FOR INSTALLATION ON ANTENNAS. MATERIAL KIT USED DURING OVERSEAS PORTION OF EFFORT HAD BEEN RETURNED AND WAS USED IN CONJUNCTION WITH LOCALLY SUPPLIED TOOL KIT.

B. 237B-3 RLP ANTENNA 3 WAS FOUND TO BE 4 INCHES TO ORTHEAST AND 5 INCHES TO NORTHWEST OUT OF PLUMB. NORTHEAST MIDDLE SIDE ANCHOR WAS LOCATED 5 INCHES BEHIND CENTER HORIZONTALLY AND 3 INCHES LOW VERTICALLY. EFFECT OF NORTHEAST SIDE ANCHOR BEING T KINCHES BEHIND CENTER IS TO TIGHTEN GUY AS ANTENNA IS LOWERED. THIS EFFECT IS PARTIALLY OFF-SET BY ANCHOR BEING 3 INCHES BELOW CENTER. OPPOSITE GUY WILL LOOSEN

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	3	<i>(M)</i>	8		13		18
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25X1 PAGE 2 0992 S E C R E T

AS ANTENNA IS LOWERED AS IT IS 2 INCHES LOW IN ELEVATION. HOISTING CABLE WAS IN LINE WITH GIN POLE AND ANTENNA WAS LOWERED WITHOUT DIFFICULTY USING POWER TOOL.

ROTATOR, SERIAL NUMBER 065-0009, WAS REMOVED AND INSPECTED. MODIFICATION REQUIRED BY SERVICE BULLETIN 1 HAD NOT BEEN ACCOMPLISHED. KBOLTS SECURING ROTATOR TO TOWER TOP WERE LIGHTLY TORQUED AND WERE NOT SELF LOCKING TYPE SUPPLIED WITH ROTATOR KIT AT TIME OF PURCHASE. INSPECTION PLATE SEAL WAS BROKEN ALLOWING OIL LEAKAGE OVER CASE OF ROTATOR AND DOWN TOP LEGS OF TOWER.

NEW SLIP CLUTCH EQUIPPED ROTATOR, SERIAL MS67053 WITH HIGH STRENGTH GEAR CASE BOLTS WAS INSTALLED WITH NEW SELFLOCKING NUTS. ROTATOR CLUTCH IS SET TO SLIP AT 3150 FOOT POUNDS OF TORQUE. ALL TOWER BOLTS WERE TORQUED TO CORRECT VALUES AND LOCK NUTS ADDED. AN INSPECTION OF ARRAY ASSEMBLY SHOWED TWO ELEMENTS REQUIRED ADJUSTMENT TO PROVIDE REQUIRED 1/4 INCH MINIMUM CLEARANCE FROM BOOM LACING. ANTENNA WAS RAISED WEDNESDAY, PLUMBED TO WITHIN 1/2 INCH, AND GUYS TENSIONED TO CORRECT VALUES.

C. 237B-3 RLP ANTENNA 5 MIDDLE SIDE ANCHORS WERE 2 1/2 INCHES AHEAD OF BASE HINGE LINE HORIZONTALLY. NORTHEAST ANCHOR IS 2 INCHES

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FILE INFO

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ACTION	1	COMM	6	11	16
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PAGE 3 0902 S E C R E T

ABOVE HINGEPIN, WHILE THE OPPOSITE ANCHOR IS 5 1/2 INCHES ABOVE HINGE-PIN. EFFECT OF THESE ANCHOR LOCATION ERRORS WILL CAUSE GUYS TO TIGHTEN AS TOWER IS LOWERED. THIS EFFECT IS SOMEWHAT OFFSET BY ANCHORS BEING AHEAD OF HINGEPIN LINE. WINCH ANCHOR IS 22 INCHES OUT OF POSITION TO NORTHEAST. THIS CAUSED HOISTING CABLE TO MISS GIN POLE BY ABOUT 20 INCHES. TO LOWER ANTENNA A ROPE WAS THROWN OVER HOISTING CABLE AND USED TO ALIGN CABLE WITH GIN POLE. THIS PRACTICE IS HIGHLY UNDESIRABLE AND NOT RECOMMENDED AND DANGEROUS OVERSTRESSES CAN BE PLACED ON TOWER WHICH COULD BUCKLE. ROTATOR, SERIAL NUMBER 066-0093, WAS REMOVED FROM ANTENNA. MUCH OIL HAD LEAKED FROM GEARCASE. CAUSE OF LEAKAGE COULD NOT IMMEDIATELY BE DETERMINED. IT APPEARED TO BE A LEAKY CASE SEAL, BUT COULD BE DUE TO A POROUS CASE CASTING.

NEW SLIP CLUTCH EQUIPPED ROTATOR, SERIAL NUMBER MS67-053, WITH HIGH STRENGTH BOLTS WAS INSTALLED. ROTATOR CLUTCH IS SET TO SLIP AT 3670 FOOT POUNDS OF TORQUE. *Both proposals were rejected.*

ALL TOWER BOLTS WERE TORQUED TO CORRECT VALUES, AND ARRAY INSPECTED AND ADJUSTED. SOME DIFFICULTY WAS EXPERIENCED THURSDAY AFTERNOON RAISING ANTENNA AS HOIST CABLE WOULD NOT SPOOL PROPERLY DUE TO MISALIGNMENT OF HOIST ANCHOR. TOWER WAS PLUMBED TO WITHIN 1/2 INCH AND ALL GUYS PROPERLY TENSIONED.

2. WHILE ANTENNA NUMBER 5 WAS LOWERED AND RAISED WITHOUT SERIOUS MISHAP, IT IS RECOMMENDED WINCH ANCHOR BE RELOCATED TO A POSITION

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FILE INFO

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PAGE 4 [] 0902 S E C R E T

WITHIN TOLERANCES SET FORTH IN 237B-3 INSTRUCTION MANUAL. AN EXPERIENCED CREW LOWERING ANTENNA CAN COMPENSATE FOR MISPLACED SIDE ANCHORS BY LOOSENING OR TIGHTENING SIDE GUY AS REQUIRED TO MAINTAIN PROPER GUY TENSION DURING LOWERING AND ERECTING OPERATIONS, BUT MISALIGNMENT OF HOISE ANCHOR PLACES ANTENNA IN JEOPARDY DURING THESE OPERATIONS.

3. UNMODIFIED ROTATORS AND ASSOCIATED TILT PLATES REMOVED FROM ANTENNA SHOULD BE SHIPPED [] AT EARLIEST DATE POSSIBLE FOR MODIFICATION. WHEN MODIFIED THESE ROTATORS AND TILT PLATES ALONG WITH TWO RETURN FROM [] WILL BE SHIPPED [] TO REPLACE FOUR ROTATOR/TILT PLATE ASSEMBLIES REMOVED FROM PROJECT []

4. [] ASSISTED ANTENNA TEAM AND WORKED OVERTIME AS REQUIRED TO SUPPORT THEIR EFFORT. TEAM EFFORT WAS COMPLETED LATE AFTERNOON 3 OCT AND RETURNED TO HOME STATIONS.

S E C R E T

BT

Both proposals must be made on a non-need basis.

BEST COPY

AVAILABLE

CLASSIFIED MESSAGE

SECRET

ROUTING		
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3	D/N	11
4	D/SA	12
5	RB/OSA	13
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	DEFERRED	PRIORITY
	ROUTINE	OPERATIONAL IMMEDIATE

ORIG: []
 UNIT: CMD/OSA
 EXT: 222
 DATE: 28 NOV 69

TO : []
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 CONF: []
 INFO: []

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INFO INFO CITE [] 9039 25X1

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INFO: []

IDEALIST

ATTN: []

SUBJ: CONTRACT NO. [] W.O. #4, AMENDMENT #1

1. REFERENCE IS MADE TO SUBJECT W. O. #4 EFFECTIVE 29 APRIL 1969
2. IT IS MUTUALLY AGREED THAT SUBJECT W. O. #4 IS AMENDED TO PROVIDE FOR ADDITIONAL FUNDING TO PROVIDE FOR OVERRUN OF COSTS BEING EXPERIENCED AND TO PROVIDE FOR ADDITIONAL FUNDING FOR ESTIMATED COSTS AND FIXED FEE FOR NEW SCOPE EFFORT, AS FOLLOWS:
 - A. THE CONTRACTOR SHALL PROVIDE FOR ADDITIONAL WORK IN ACCORDANCE WITH CONTRACTOR'S TECHNICAL DESCRIPTION OF WORK, ITEMS 1 THROUGH 7, INCLUSIVE, DATED OCTOBER 6, 1969.
 - B. ADDITIONAL FUNDING IS BEING ADDED TO COMPLETE THE EFFORT AS REQUESTED IN CONTRACTOR'S LETTER DATED OCTOBER 1, 1969.

COORDINATING OFFICERS

[]

RELASING OFFICER

CLASSIFIED MESSAGE

SECRET

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	ROUTINE	OPERATIONAL IMMEDIATE

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PAGE 2 **SECRET**

[Redacted]

C. THE PERIOD OF PERFORMANCE IS EXTENDED FROM 30 NOVEMBER 1969 TO 31 JANUARY 1970.

3. IN CONSIDERATION OF THE ABOVE, PARAGRAPH 6A, CPFF EFFORT IS DELETED AND THE FOLLOWING IS SUBSTITUTED IN LIEU THEREOF:

"A. CPFF EFFORT

ESTIMATED COST	\$58,867
FIXED FEE	<u>5,027</u>
	\$63,894"

4. AS A RESULT OF THE ABOVE, THE FUNDS ALLOTTED TO THIS W. O. #4 ARE A TOTAL OF \$145,151 OF WHICH \$63,894 ARE ON CPFF BASIS AND \$81,257 ARE ON FP BASIS.

5. YOUR ACKNOWLEDGMENT AND ACCEPTANCE OF THIS W. O. IS REQUESTED.

FROM

[Redacted]

COORDINATING OFFICERS

SECRET

25X1

[Redacted]

CLASSIFIED MESSAGE

CMD/OSA
222
25 Sep 69

SECRET

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DEFERRED	PRIORITY
ROUTINE	OPERATIONAL
	IMMEDIATE

SECRET

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CITE

[Redacted]

[Redacted]

[Redacted]

7115-25X1

ATTN: [Redacted]

SUBJECT: CONTRACT NO. [Redacted] WORK ORDER NO. 4.

- REFERENCE: [Redacted] 3392
 " 4196
 " 6181
 " 6397

1. AS ANTICIPATED IN REFERENCED MSGS, SUBJECT WORK ORDER NO. 4 IS HEREBY DEFINITIZED TO PROVIDE FOR THE DESIGN, FABRICATION AND TESTING OF THREE (3) TRANSPORTABLE COMMUNICATIONS TERMINALS CONSISTING OF TWO (2) AIR-TO-GROUND TERMINALS AND ONE (1) POINT-TO-POINT STATION TERMINAL IN ACCORDANCE WITH CONTRACTOR'S TECHNICAL PROPOSAL ENTITLED, "THREE TRANSPORTABLE COMMUNICATIONS TERMINALS, DATED 14 JUNE 1969."

2. THE SPECIFICATIONS FOR SAID ITEMS SHALL BE IN ACCORDANCE WITH CONTRACTOR'S TECHNICAL SPECIFICATIONS ENTITLED "DESIGN PLAN FOR TRANSPORTABLE COMMUNICATIONS TERMINALS DATED 14 AUGUST 1969 (REVISION 14 AUGUST 1969)"

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CLASSIFIED MESSAGE

ROUTING

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[Redacted]

SECRET

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3	ED/OSA	11
4	COMPT/OSA	12
5	COMMO	13
6	SA	14
7	/OSA	15
8	SA	16

25X1

DATE: 16 JUNE 1969

TO :

FROM :

CONF :

INFO :

DEFERRED	PRIORITY	INITIALS
ROUTINE	OPERATIONAL	INITIALS
	TERMINATE	

INFO

SECRET

INFO

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25X1

[Redacted]

25X1

REF: CONTRACT [Redacted] W.O.# 4

25X1

[Redacted]

1. REFERENCED CABLE IS AMENDED BY CHANGING TYPE OF WORK ORDER ANTICIPATED FROM FIXED PRICE TO CPTT.

2. ACCORDINGLY YOU ARE AUTHORIZED TO SUBMIT INVOICES IN ACCORDANCE WITH PART VI - PAYMENTS - OF THE SCHEDULE.

END OF MESSAGE

25X1

[Redacted]

IM/COM/OSA

COORDINATING OFFICERS

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(When Filled In)

FILE INFO

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2 DEC 68 04795

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*FILE
CR-1601*

25X1 SECRET 021700Z DEC 68 CITE [] 1137

25X1 IDEALIST CONTRACTS []

1. FOLLOWING FIRM FIXED PRICE QUOTATIONS ARE SUBMITTED FOR EFFORT

25X1 VERBALLY AUTHORIZED UNDER CONTRACT []

A. WORK ORDER 2 \$7,186.86

(1) STATEMENT OF WORK:

(A) PROVIDE ENGINEERING SERVICES AND MATERIAL NECESSARY TO:

(A-1) MODIFY AND TEST ONE 718T-6 TRANSCEIVER TO OPERATE AFTER SHORT PRIMARY POWER INTERRUPTIONS WITHOUT INITIATING NEW RF TUNE CYCLE.

(A-2) MEASURE AND PLOT ANTENNA IMPEDANCE OF U2-R HF ANTENNA.

(A-3) INVESTIGATE ANTENNA COUPLER SYSTEM TUNING IRREGULARITIES.

(2) COST DETAIL

25X1 []

SUB TOTAL 3962.00

TRAVEL AND SUBSISTANCE 1519.00

\$5481.00

G&A AT 10.26 PERCENT 562.35

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FILE INFO

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25X1 PAGE 2 [] 1137 S E C R E T

R&D AT 3.76 PERCENT 206.09

TOTAL COST \$6249.44

PROFIT AT 15 PERCENT 937.42

TOTAL SELL PRICE \$7186.86

B. WORK ORDER 3 \$21,011.14

(1) STATEMENT OF WORK:

(A) FABRICATE KITS AND MODIFY 24 718T-6 TRANSCEIVERS DELIVERED

UNDER CONTRACT [] AS FOLLOWS.

(A-1) INSTALL NEW A-3 PRINTED CIRCUIT BOARD IN 887A-3 DIGITAL UNIT. THIS MODIFIED BOARD WILL NOT INITIATE A TUNE START PULSE (ARMS TUNE CYCLE LOGIC) UNLESS PRIMARY POWER HAS BEEN INTERRUPTED FOR MORE THAN ONE SECOND.

(A-2) REMOVE DIODE CR-727 ON A-9 SERVO AMPLIFIER BOARD OF

888A-1 RF TUNER. THIS CHANGE WILL PREVENT 888A-1 FROM PUTTING GROUND ON TUNE START LINE FOLLOW AETOR T PRIMARY INTERRUPTION.

CHANGES WILL BE MADE AT [] ON UNITS WHICH HAVENOT BEEN DELIVERED. UNITS ALREADY IN PROJECT INVENTORY WILL BE MODIFIED AT COMPANY FACILITIES LOCATED

[]

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(When Filled In)

FILE INFO

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25X1 PAGE3 1137 S E C R E T

2. COST DETAIL

25X1

SUBTOTAL \$8563.00

MATERIAL 6300.00

TRAVEL AND SUBSISTANCE 1161.00

\$16024.00

G&AAT 10.26 PERCENT 1644.06

R&D AT 3.76 PERCENT 602.50

TOTAL COST \$18270.56

PROFITAT 15 PERCENT 2740.58

TOTAL SELL PRICE \$21011.14

3. DELIVERIES WILL BE COMPLETED 10 WEEK ARO.

S E C R E T
BT

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(When Filled In)

FILE INFO

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	4	FOD	9	/	14		19
	5	/	10		15		20

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SECRET 262250Z NOV 68 CITE [] 1128

[]

IDEALIST CONTRACTS

1. REFERENCE TELEPHONE CONVERSATION WITH []

25X1

CONCERNING SUBMISSION OF REVISED QUOTATION FOR COMPANY EFFORT

25X1

UNDER CONTRACT [] REVISED QUOTATION TO SUPERCEDE QUOTATION

FOR REPAIR AND MODIFICATION OF EQUIPMENT EFFORT PORTION OF

BEVEL 0525.

2. FOLLOWING FIRM FIXED PRICE RATES ARE SUBMITTED FOR PROGRAM

25X1

MANAGEMENT AND PRODUCT SUPPORT REPAIR CENTER EFFORT UNDER CONTRACT

[]

25X1

[]

SUB TOTAL \$8.80

G AND A AT 10.26 PERCENT .90

R AND D AT 3.76 PERCENT .33

TOTAL COSTS \$10.03

PROFIT 1.22

HOURLY RATE \$11.25

25X1

Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6

Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6

CLASSIFIED MESSAGE

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PAGE 3 1128 S E C R E T

3. SH~~O~~LD CONTRACT NOT BE DEFINITIZED WITHIN 60 DAYS, CONTRACTOR RESERVES R~~I~~GH~~T~~ TO REVIEW RATES FOR CURRENT APPLICABILITY.

S E C R E T

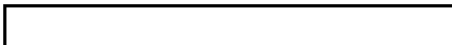
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19 December 1969

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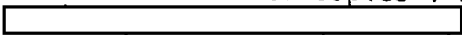
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Subject: Contract 
Amendment No. 5

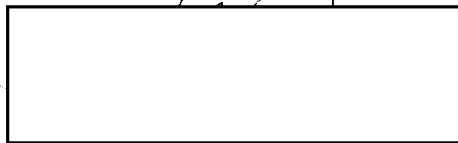
Enclosure: Two (2) Copies of Subject Amendment

Gentlemen:

STAT

Enclosed herewith are executed copies 1 and 3 of Amendment No. 5
to Contract 

Very truly yours,



Contract Manager

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JAT:1b

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Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6

Next 1 Page(s) In Document Exempt

Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6

19 August 1969

PRC

To:

Subject: Contract
Work Order No. 4

Enclosure: (A) The Contractor's Support for Commercial
Position for the 718U-4

Gentlemen:

The Contractor hereby confirms the negotiation between the Contracting Officer and the Contractor for subject effort as defined by the enclosure to the Contractor's letter dated 13 June 1969. The negotiation covered two parts. The fixed price portion was negotiated at \$81,257. The cost plus fixed fee portion was negotiated at an estimated cost of \$47,765 and a fee of \$4,777 for a total estimated cost and fee of \$52,542. The total contract amount, including CPFF portion and fixed price portion, is \$133,799. Other terms and conditions of the Contractor's 13 June 1969 letter remain unchanged.

The Contractor has designated as his contract representative who may be reached at the Contractor's facility telephone Area Code extension 2461.

Very truly yours,

Contract Administration Division

JAT:mes

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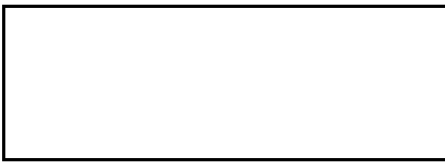
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943-B


*U4E Power Amp \$ 9888
2800
REL ?*

3 September 1969

STAT



STAT

Subject: Contract 
Work Order No. 4

Reference: (a) Contractor's Letter of 19 August 1969
Confirming Negotiation

Enclosure: (A) Cost Analysis in Support of the 943B-1 Price

Gentlemen:

During the negotiation of subject work order, the Contractor provided the Contracting Officer with evidence supporting his commercial position for the 837D-1 and the 490B-4. He provided support for his commercial position for the 718U-4 by Reference (a). The Contractor was not able to establish a commercial position in accordance with ASPM No. 1 for the 943B-1. Accordingly, a cost analysis is provided as an enclosure. The cost analysis supports a price of \$11,012 each; however, the Contractor reaffirms his negotiated fixed price of \$9,883 each which is the same price the Contractor has sold this unit to the Marine Corps.

The Contractor and the Contracting Officer negotiated a price for the AN/PRC-66 UHF Transceivers of \$8,923.50 each predicated on an increase to current production of these two units. The price for the current production was negotiated with RADC and that same price was offered by the Contractor and accepted by the Contracting Officer.

If there are further questions concerning this negotiation, please contact the undersigned.

Very truly yours,



Contract Administrator

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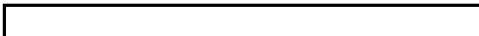


September 18, 1969

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Subject: Contract  W. O. #4

Reference: (a) Contractor's Letter of 19 August 1969
Confirming Negotiation
(b) Contractor's Letter of 3 September 1969

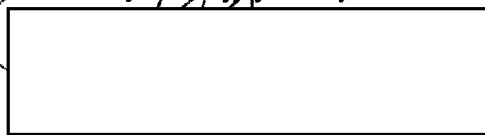
Enclosure: (A) Material Justification for the 943B-1

Gentlemen:

In accordance with our telcon, the support of the material dollars shown of \$160.00 is attached. It totals \$167.50.

If there are further questions concerning this negotiation, please refer to the undersigned.

Very truly yours,



Contract Administrator

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Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6

Next 1 Page(s) In Document Exempt

Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6

COST SUMMARY



STAT

Direct Cost		\$ 2,000	\$ 6,267
G&A @ 11.59	<i>110.7</i> 	232 115	.843 <i>706</i>
IR & D @ 2.83		<u>57</u>	<u>177</u>
		<i>2,289</i>	<i>7,150</i>
		\$ 2,289	\$ 7,287
			<u>2,289</u>
Total Cost			\$ 9,576
Profit			<u>1,436</u>
			<u>\$11,012</u>

STAT

STAT

Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6

Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6

BEST COPY

AVAILABLE

MATERIAL/SERVICES ESTIMATE SHEET

STAT

42682

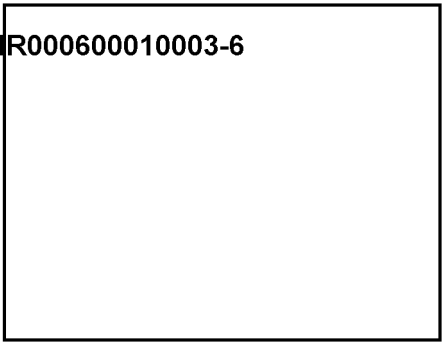
LINE NO.	APPROVED FOR RELEASE 2006/09/25	SUPPLIER / PART NO.	SOURCE	MO. ARO	LEAD	COMM. DATE	QUANTITY	UNIT COST	TOTAL COST
		RESISTOR	D				1	.04	.04
		RESISTOR	D				1	.04	.04
		OMRONIC RESISTOR	D				1	1.22	1.22
		" "	D				1	1.29	1.29
		" "	D				1	1.21	1.21
		FILM	D				2	.25	.50
		FILM	D				8	.25	2.00
		" "	D				2	1.12	2.24
		FERRONON CAPACITOR	D				3	1.20	3.60
		ATC	D				2	2.49	4.98
		ATC	D				2	2.40	4.80
		ATC	D				4	1.44	5.76
		ATC	D				2	1.62	3.24
		ATC	D				1	1.82	1.82
		ATC	D				2	1.82	3.64
		ATC	D				2	1.82	3.64
		ATC	E				2	1.82	3.64
		" "	D				3	.76	2.28
		" "	D				1	1.51	1.51
		FRIE	E				11	.26	2.86
		FRIE	D				11	.26	2.86
		MOTOR TRANS.	D				1	14.00	14.00
		" "	D				1	38.00	38.00
		" "	D				1	55.00	55.00
		UNIT DE DIODE	D				2	6.00	12.00
		FILTRON	D				3	.87	2.61
		INDUCTOR	D				3	.12	.36
		PCPS	D				6	.12	.72
									171.52

TOTAL \$

* SOURCE OF ESTIMATE: Q#: QUOTE-NO. SOLICITED P: CATALOG PRICE
 D: DOCUMENTED EXPERIENCE E: ENGINEERING ESTIMATE

ITEM/TASK _____ NO. _____	PROGRAM TITLE _____	DIV _____ DEPT _____
SUB TASK _____ NO. _____	REF NO. _____	STAT _____ DATE _____
943 P-1	BR NO. _____	APPROVED BY _____ DATE _____
MATERIAL/SERVICES ESTIMATE SHEET		

Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6



STAT

TO: [Redacted]

LOCATION: 407-032

STAT

FROM: [Redacted]

LOCATION: 120-13

DATE: 16 September 1969

SUBJECT: 943B-1 10-watt Power Amplifier

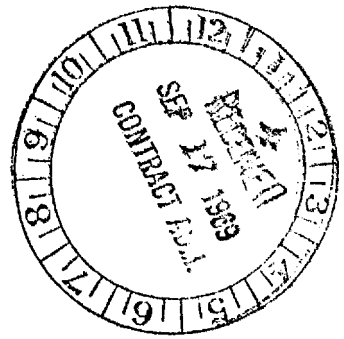
REFERENCE:

STAT

Per memo dated 29 August 1969, audit support was submitted to substantiate [Redacted] portion of the \$9,883.00 sell price for the subject equipment. One error was noted in the audit support. The 75 hours listed for Lab Assist. on the left side of the page should be corrected to read 85 hours in order to agree with the right side column.

In addition, support was requested for the \$160.00 material estimate. The attached sheet attempts to provide this support. It should be noted the total of the attached sheet equals \$167.50 versus \$160.00. I am sorry the audit support isn't better but it is all we have.

NKG:ve



420.00000000
35.00000000 +
34.00000000 +
32.00000000 +
7.00000000 +
7.00000000 +
7.00000000 +
14.00000000 +
54.00000000 +
250.00000000 +
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267.00000000 +
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138.00000000 +
402.00000000 +
10.00000000 +
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159.00000000 +
230.00000000 +
242.00000000 +
31.00000000 +
200.00000000 +
339.00000000 +
461.00000000 +
940.00000000 +
820.00000000 +
469.00000000 +
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10.00000000 +
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32.00000000 +
360.00000000 +
48.00000000 +
39.00000000 +
116.00000000 +
2.00000000 +
460.00000000 +
242.00000000 +
229.00000000 +
379.00000000 +
58.00000000 +
220000000000
630.00000000 +
270.00000000 +
126.00000000 +
17.00000000 +
135.00000000 +
890.00000000 +
255.00000000 +
45.00000000 +
16.00000000 +
425.00000000 +
345.00000000 +
167.50.00000000

30 December 1964

NAME	CFM	QTY
6A-700	351-7141-020 <i>1.20</i>	1
1N3901	353-3404-000.05	7
.01 MF Cap.	913-5561-120.34	1
220 Pf Cap.	913-5561-550.39	1
13.2 K	705-3505-600.07	1
1.75 K	705-3505-320.07	1
2.21 K	705-3505-160.07	1
1.8 K	745-2350-000.09	2
10 K	745-2377-000.06	9
2N2222	352-0552-000.23	10
3.3K	745-2359-000.07	2
4.7K	745-0773-000.02	1
8.2 K	745-2374-000.10	5
1.8 K	745-2371-000.10	1
12 K	745-2380-000.07	2
15 K	745-2383-000.07	5
50 Ohms	745-2298-000.07	1
2N2907	352-0551-000.30	2
2.2 K	745-2353-000.07	3
4.7 K	745-2355-000.03	4
22 K	745-2389-000.09	3
2N977	353-3328-000.82	1
1N746A	353-2933-000.13	1
1N973B	353-3184-000.19	1
1.8 K	745-0758-000.02	2
470 K	745-0845-000.02	1
120 Ohms	745-0716-000.02	1
1N3-1205	353-3577-0104.00	2
5 Pf	916-0118-000.05	1
2.2 uf	914-7271-000 2.67	1
.01 uf	913-3013-000.02	1
Board	787-8352-001	1
Board	787-8353-001	1
Fuse Holder	265-1265-020 <i>Att. 15.60</i>	2
Conn.	357-9145-000 1.38	1
Conn.	271-1285-270 4.02	1
Fuse	264-0304-000 <i>Att. 05</i>	2
Conn.	271-1283-110 1.90	1
Conn.	357-9601-000 1.39	1
Conn.	Condix 21-203712-10P 28.00	1
Cover	271-8353-200 2.42	1
Cover	357-9355-000.31	1
Switch	250-3085-000 <i>W.L.</i>	1
Error Amp	350-0075-010 3.89	1
Error Amp	350-0075-030 4.61	1
Printer	350-0072-030 9.40	2
Overload	350-0071-040 8.20	1
Transformer	358-0157-010 4.69	1
1 K	745-0749-000.02	1
27 K	745-0797-000.02	5
73 K	745-0794-000.02	1
1N754A	352-2021-000.11	1

NAME	CPN	QTY
Device	✓ RCA CA-3045 ^{1.80}	2
1N751	✓ 253-2978-000 ^{.16}	3
1N545	✓ 253-2850-000 ^{.13}	3
10 uf	✓ 184-7357-000 ^{.58}	2
220 Ohms	✓ 745-0725-000 ^{.02}	1
Resistor, Var.	✓ 281-1721-110 ^{2.30}	2
Resistor, Var.	✓ 750-4533-000 ^{2.42}	1
Resistor, Var.	✓ 750-4535-000 ^{2.29}	1
Resistor, Var.	✓ 750-4542-000 ^{3.79}	1
Resistor	✓ 747-1988-230 ^{.56}	1
Relay	✓ 074-0707-010 ^{11.00}	2
Thermostat	✓ 267-0149-010 ^{6.30}	1
Gasket	✓ 200-0712-010 ^{.09}	3 ft.
Terminal	✓ 306-1851-000 ^{.02}	53
1 uf	✓ 184-7398-00 ^{.17}	1
.1 uf	✓ 051-0873-030 ^{.45}	3
2N3792	✓ 252-0708-040 ^{8.90}	1
2N3879	✓ 352-0704-020 ^{2.55}	1
1N 2938B	✓ 353-1160-000 ^{.45}	1
1N 740A	✓ 253-2976-000 ^{.16}	1
1N 3327B	NPN ^{4.25}	1
Casting	"	
Plate, Main	"	
Block	"	
T-frame	"	
Mount	"	
Cover	"	
Plate, Small	"	
Choke	✓ 678-1406-000 ^{3.45}	1

W.O. #5
A#4

October 8, 1969

STAT



STAT

Subject: Contract [redacted]
Work Order 5
Antenna Malfunction Investigation and Correction

Gentlemen:

In accordance with your instructions the Contractor is forwarding his quotation for subject effort under Work Order 5 of subject contract. The Contractor's fixed price quotation is in the amount of \$10,414.91. The cost analysis in support of this amount is attached. The material content is listed in Headquarters' message 8746 dated 18 December 1968.

Questions concerning this quotation should be referred to [redacted]

STAT

Very truly yours,



STAT

Contract Administration Division

JAT:mes

What is period of time?
Left U.S. 14 May 69 }
Back U.S. 30 May 67 }

"I" prior year money

STAT

[Redacted]

Work Order 5

Antenna Malfunction Investigation & Correction

Labor	[Redacted] hours	<i>Actual</i> 11.37 hr	\$ 728.00	<i>10,31</i>
	[Redacted] hours		712.43	
Overhead	[Redacted]		873.60	<i>Stat</i>
			933.28	
Travel (including excess baggage)			2,844.66	
Material			<u>2,235.30</u>	
			\$ 8,327.27	
G&A @ 9.94%		<i>Cost 12.00 hr</i>	827.73	
R&D @ 3.76%		<i>1.51</i>	<u>313.10</u>	
			\$ 9,468.10	
Profit @ 10%			<u>946.81</u>	
			<u><u>\$10,414.91</u></u>	

STAT

STAT

STAT

25X1 [Redacted] Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6

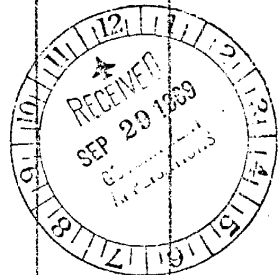
SALES TAX	EXEMPT	EXEMPT	PACKING INST DOMESTIC (UNLESS INDICATED)	SHEET	SHEETS	REQUEST DATE	SCH. DATE	FISCAL	CUSTOMER CODE	INVOICE DATE	INVOICE NO
% STATE		% LOCAL			OF					9/24/69	11004

FOR NEWPORT BEACH, CALIF (UNLESS INDICATED)	SHIP VIA BEST WAY (UNLESS INDICATED)	B. R. NO.	ISSUED BY	DATE
---	--------------------------------------	-----------	-----------	------

DAY	DEPT	DEL TO	COG. DIV.	ADM	TT	SF	DE	SGS	AP	IND	CUST	ROY +/-	PC	PR	C/UCIC	MCS	RDMT	BOOK	REF	PRIOR	SPARES ORDER	FC	MCF-SHIP	DOC ID	PARTIAL NO	REL PRIM	
						34	000	3250			91	0002															

STAT	SOLD TO	[Redacted]	SHIP TO (SAME AS SOLD TO UNLESS INDICATED)	ATTN:	[Redacted]	STAT
------	---------	------------	--	-------	------------	------

F L A G	ITEM NO.	QUANTITY ORDERED	COLLINS PART NUMBER	SF	DESCRIPTION	TT	BOX NO	QUANTITY SCHED.	SCH. DATE - FISCAL OR REC'D. DATE		SCH. DATE		QUANTITY		UNIT PRICE	AMOUNT
									NO.	DAY	YR.	NO.	DAY	YR.		
STAT	1	LOT			FIELD SERVICE FOR ANTENNA PREVENTIVE MAINTENANCE THRU AUGUST 1969 - [Redacted]											10,941.
					TRAVEL AND PER DIEM \$885.70 G & A 12.32% 1091.02 PROFIT 10% 994.67 \$10,941.39											



GROSS AMOUNT	% LOCAL TAX	LOCAL TAX 2608	% STATE TAX	STATE TAX 2607	FREIGHT 1736	POSTAGE & INS. 7760	MISC. CHARGES	NET AMOUNT
	2039							10,941.

DATE SHIPPED	B/L OR RECEIPT NO	ROUTE	BOXES	TOTAL WEIGHT	BOX NO	CONTAINER	LENGTH	WIDTH	HEIGHT	CUBIC	CROSS	NET

074-5822-210

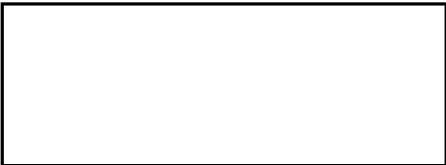
074-5042-006
 IF RECEIPT OF THIS MERCHANDISE IS NECESSARY, CONTACT OUR CUSTOMER ORDER SERVICES DEPT. FOR INSTRUCTIONS. A 15% RESTOCKING CHARGE IS APPLICABLE FOR MERCHANDISE RETURNED FOR THE CONVENIENCE OF THE CUSTOMER.
 Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6

CUSTOMER ORIGINAL

W O 4

13 June 1969

STAT



STAT

Subject: Contract [redacted]
Work Order No. 4
Three (3) Transportable Communication Terminals

Enclosure: (A) Technical Proposal entitled "Three Transportable
Communication Terminals dated 12 June 1969"
(B) Cost Analysis, in Triplicate

Gentlemen:

The Contractor offers its firm fixed price proposal to design, develop, build, test and deliver three (3) transportable communication systems. The cost proposal is predicated on the Statement of Work as defined in Enclosure (A). No manufacturing drawings will be supplied. A systems technical manual will be provided to cover operation and installation which is supplementary to the individual equipment instruction manuals. All manuals supplied will be in commercial format. The scope of work defines a system mock-up. Any re-configuration which results from the display and review of the mock-up provided, which necessitates changes in equipment, parts or other material on order or additional engineering, design and test, will constitute a change in scope. The cost proposal is also predicated on the receipt of the GFE equipment listed in the technical proposal in good operating condition with sufficient documentation for installation and wiring and delivered in accordance with the agreed schedule.

The equipment is offered [redacted]

STAT

The enclosed cost analysis reflects a selling price of \$141,043. Completion is expected to be October 1969.

Questions concerning this proposal should be referred to [redacted] Contract Administrator.

STAT

Very truly yours,



STAT

Contract Administration Division

JAT:mes

Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6

CLASSIFIED MESSAGE

SECRET
(When Filled In)

PRIORITY

FILE INFO

18 SEP 69 58563

REPRODUCTION PROHIBITED

18 SEP 69 21 10

ACTION	1	<i>CMD</i>	6	<i>COMMO</i>	11		16
	2		7		12		17
	3		8	<i>DM</i>	13		18
	4	<i>OSA</i>	9		14		19
	5	<i>RB</i>	10		15		20

25X1 SECRET 181900Z SEPT 69 CITE 2616

25X1 PRIORITY

25X1 IDEALIST CONTRACTS

1. REFERENCE IS MADE TO REVIEW OF MOCK UP FOR COMMUNICATIONS TERMINALS BEING PROVIDED UNDER WORK ORDER 4, CONTRACT CONDUCTED

25X1

25X1 S SEPT BY TECHNICAL REPRESENTATIVES OF YOUR ORGANIZATIONS.

2. IN ACCORDANCE WITH TECHNICAL DISCUSSIONS DURING MOCK UP REVIEW FOLLOWING CHANGES, NOT PROVIDED FOR IN FINAL DESIGN PLAN FOR TRANSPORTABLE COMMUNICATIONS TERMINALS DATED 19 AUGUST 1969 ARE BEING UNDERTAKEN AS DIRECTED:

A. A LOW IMPEDANCE MICROPHONE WILL BE SUPPLIED WITH BOTH SYSTEM "A" TERMINALS AND PROVISIONS MADE FOR KEYING AND VOICE MODULATING 718U-4 HF TRANSCEIVER FROM MAINTENANCE CONTROL HEAD LOCATION ON REAR OF TERMINAL.

B. PROVISIONS FOR MONITORING 718U-4 HF TRANSCEIVER AUDIO VIA HEADPHONES WILL BE MADE AT MAINTENANCE CONTROL HEAD LOCATION. NO HEADSETS WILL BE PROVIDED.

C. MODIFY PRIMARY DC POWER SUPPLY TO PERMIT INPUT VOLTAGE STRAPS TO BE CHANGED TO FRONT PANEL OF POWER SUPPLY FROM INTERNAL. THIS MODIFICATION APPLIES TO BOTH SYSTEM "A" AND "C" POWER SUPPLIES.

CLASSIFIED MESSAGE

SECRET
(When Filled In)

FILE INFO

REPRODUCTION PROHIBITED

ACTION	1	6	11	16
	2	7	12	17
	3	8	13	18
	4	9	14	19
	5	10	15	20

25X1 PAGE 2 2616 S E C R E T

D. FABRICATE AND PROVIDE PANEL TO ENCLOSE FRONT OF 499R-13 SHELF. PANEL TO COVER TOP, LEFT AND RIGHT FRONT SIDES OF SHELF AND PERMIT REMOVAL OF 718U-4 TRANSCEIVER SLICES WITHOUT REMOVAL OF PANEL. THIS MODIFICATION APPLIES TO BOTH SYSTEM "A" AND SYSTEM "C" SHELVES.

E. FABRICATE AND INSTALL FOLDING LEGS ON FRONT OF RCU TO PERMIT UNIT TO BE TILTED FOR EASY VIEWING.

F. PROVIDE A PLUG-IN AC POWER STRIP IN REAR OF SYSTEM "C" RACK TO PERMIT STANDARD POWER CORDS SUPPLIED WITH GFE EQUIPMENT TO BE UTILIZED.

G. MODIFY SCHEMATICS AND INSTRUCTION BOOK MATERIAL TO REFLECT ABOVE OUTLINED CHANGES IN SYSTEM CONFIGURATION.

2. ACTION HAS BEEN TAKEN TO DETERMINE COST AND DELIVERY SCHEDULES IMPACT, IF ANY, OF ABOVE OUTLINED CHANGES.

S E C R E T

BT

December 12, 1969

STAT



Subject: Contract [redacted]
Amendment No. 4

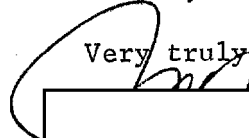
STAT

Enclosure: (A) Two (2) Copies of Subject Amendment

Gentlemen:

Enclosed herewith is Amendment No. 4 to subject contract, executed on behalf of the Contractor, which incorporates the funding in full for Work Order No. 5 in the amount of \$10,415.

Very truly yours,


[redacted signature box]

Contract Manager

STAT

JAT:mes

CLASSIFIED MESSAGE
Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6

SECRET
(When Filled In)

FILE INFO

25 SEP 69 52047

REPRODUCTION PROHIBITED

27 SEP 69 18 15

ACTION	1	CommD	6	11	16
	2		7	12	17
	3	ISA	8	13	18
	4		9	14	19
	5		10	15	20

NNNNNS C R E T 251658Z SEP 69 CITE [] 2385

[]

1. LOCAL EFFORTS TO RESOLVE PROBLEM OF MISALIGNMENT ROTARY L.P. ANTENNA BASE OF ANTENNA FIVE HAVE PRODUCED MUCH CONFUSION BUT NO ACTION. [] MEASUREMENTS INDICATE WINCH ANCHOR BASE 22 INCHES OFF, ARCHITECTURAL CONSULTANT ESTIMATES MORE THAN 13 INCHES, MOST BASE CE CLAIMS ONLY FIVE INCHES AND IN TOLERANCE. NO ONE SEEMS WILLING ACCEPT RESPONSIBILITY FOR RENOVATION TO MEET [] SPECS AND WARRANTY CONDITIONS.

2. MOST RECENT SURVEY OF SITE INDICATES, AND ARCHITECTURAL CONSULTANT AGREES, THAT WINCH ANCHOR BASE IS INSECURE AND BADLY CRACKED STRUCTURALLY NEEDING EARLY TOTAL REPLACEMENT.

3. [] UNDERSTANDS [] HAS ADVISED HQ OF THEIR WILLINGNESS ACCEPT CONTRACT TO SURVEY AND RENOVATE THIS ANTENNA, PROVIDING EFFECTIVE GUARANTEES AND WARRANTY FOR THEIR WORK. REQUEST HQ ACCEPT THIS OFFER OR ARRANGE EQUIVALENT RENOVATION SERVICES. [] CONSIDERS EXISTENT

Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6

CLASSIFIED MESSAGE

SECRET

(When Filled In)

FILE INFO

REPRODUCTION PROHIBITED

ACTION	1	(C O M M A D)	6	(T)	(C M I)	16
	2		7	12		17
	3		8	13		18
	4		9	14		19
	5		10	15		20

PAGE 2 [] 2305 S E C R E T

INSTALLATION HAZARDOUS AND INEFFECTIVE REQUIRING EARLY ACTION TO CORRECT.

4. SINCE RENOVATION WILL PROBABLY ENTAIL MAJOR EFFORT ANYWAY, [] SUGGESTS THAT CONSIDERATION SHOULD BE GIVEN TO ABANDONING CURRENT INSTALLATION, REINSTALLING ANTENNA ON COMPLETE NEW FOUNDATION AND ANCHORS, ORIENTED TO AVOID CURRENT PROBLEM WHEN ANTENNA MAST BLOCKS ENTRY TO [] COMPOUND WHEN LOWERED FOR SERVICE.

S E C R E T

BT

A # 3

October 15, 1969

STAT

[Redacted]

Subject: Contract [Redacted] [Redacted]
Amendment No. 3

STAT

Gentlemen:

Returned herewith are the original and one copy of the subject amendment executed on behalf of the Contractor. Any questions concerning this transmission should be referred [Redacted]

STAT

Very truly yours,

[Redacted Signature]

Contract Administrator

STAT

JAT:mes

October 7, 1969

STAT



Subject: Contract [redacted]
Work Order 4

STAT


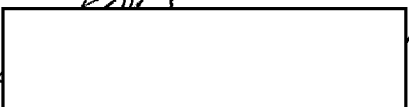
Enclosure: (A) Certificate of Current Cost or Pricing Data

Gentlemen:

Enclosed is a Certificate of Current Cost or Pricing Data executed on behalf of the Contractor. Questions concerning this work order should be referred [redacted]

STAT

Very truly yours,

STAT

Contract Administrator

JAT:mes

CERTIFICATE OF CURRENT COST OR PRICING DATA
(NOV. 1967)

This is to certify that, to the best of my knowledge and belief,
cost or pricing data as defined in ASPR 3-807.3(e) submitted,
either actually or by specific identification in writing (see
ASPR 3-807.3(f)), to the Contracting Officer or his representative

STAT in support of ~~Work Order 4~~ are STAT
accurate, complete, and current as of 19 ~~August~~ 1969
day month year

FIRM

NAME

TITLE

~~Contract Administration Division~~

1969 October 7

Date of Execution

~~SECRET~~

ATTACHMENT TO OSA 0948-69

THREE TRANSPORTABLE COMMUNICATIONS RACKS

PRODUCT LINE EQUIPMENT

2 each UHF Amplifier 943B-1		
U.P. \$9,800		\$ 19,600
3 each UHF Transceiver AN/PRC-66		
U.P. \$8,500		25,500
3 each Antenna Tuner 490B		
U.P. \$4,000		12,000
1 each Frequency Shift Keyer, Frequency Shift Convertor, etc.		
U.P. \$3,648		3,648
3 each HF Transceiver 713U		
U.P. \$8,814		26,442
	TOTAL	<u>\$ 87,190</u>

PURCHASED PARTS

3 each Power Supply 23V, 70-100 amp		
U.P. \$1,100		\$ 3,300
3 lot Miscellaneous Parts		
U.P. \$4,814		14,442
	TOTAL	<u>\$ 17,742</u>

DESIGN, BUILD AND TEST		<u>\$ 23,000</u>
------------------------	--	------------------

GRAND TOTAL		<u><u>\$127,932</u></u>
-------------	--	-------------------------

~~SECRET~~

STAT

Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6

Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6

Note : For close out
W.O. #1 Final invoice in file
W.O. #2 complete - no final
#3 complete - no final
#4 continuing

9/23/69

Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6

INVOICE
CPFF

20-4296

STAT										Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6										INVOICE	
STAT										Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6										CPFF	
STAT										Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6										20-4296	
STAT										Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6										99399-T	
STAT										Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6										DATE	
STAT										Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6										REL. PRIMES	

ITEM NO.	QUANTITY ORDERED	COLLINS PART NUMBER	SF	DESCRIPTION	TT	BOX NO.	QUANTITY SCHED.	SCH. DATE OR REQ'D. DATE MO. DAY YR.	SCH. DATE MO. DAY YR.	QUANTITY BACK ORDERED	QUANTITY THIS SHIP.	UNIT PRICE	AMOUNT
STAT		098-9000-001	37	Amounts claimed for reimbursement under Contract Project [] for the month ending August 1, 1969 as per the attached statement. Allowable Cost Overhead Fixed Fee							1		848.04 170.10 <u>101.81</u> 1,119.95

GROSS AMOUNT		% LOCAL TAX		LOCAL TAX - 3608		% STATE TAX		STATE TAX - 3607		FREIGHT - 3736		POSTAGE & INS. 874-7700		MISC. CHARGES		NET AMOUNT	
1,119.95																1,119.95	
DATE SHIPPED	B/L OR RECEIPT NO.	ROUTE		TOTAL BOXES		WEIGHT		BOX NO.	CONTAINER	LENGTH	WIDTH	HEIGHT	CUBIC	GROSS	NET		

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074-5042-302

FINAL

ALLOWABLE COST 27,526.00 Approved For Release 2006/09/25 : CIA-RDP72B00464R000600010003-6 11
 FIXED FEE 2,753.00 ORDER NO. 20-4296
 CONTRACT TOTAL 30,279.00 CONTRACT NO. STAT
 FEE RESERVE 412.95 Prime No. 93-9057



AS OF August 1, 1969

	Current Month	Job-to-Date
Material	662.64	1,305.49
Travel	157.50	3,604.13
Special Charges	-0-	-0-
Salaries and Wages	27.90	6,086.02
Overhead (OH less 3% Excl. Factor)	48.76	7,564.02
General & Administrative Cost	95.96	1,939.95
General Research and Development	25.38	581.45
Interregional	-0-	4,570.00
	-0-	-0-
Commercially Priced Equipment	<u>-0-</u>	<u>-0-</u>
TOTAL COST	1018.14	25,651.06
FIXED FEE	<u>101.81</u>	<u>2,565.11</u>
TOTAL CLAIM SUBMITTED	1119.95	28,216.17
Contract Reserves Withheld this Voucher and Previous Vouchers:		
Cost	-0-	-0-
Fee	-0-	(229.26)
Patent	<u>-0-</u>	<u>-0-</u>
NET REIMBURSABLE - 1034	<u>1119.95</u>	<u>27,986.91</u>

CERTIFICATION

" I HEREBY CERTIFY THAT THE ABOVE BILL IS CORRECT, THAT PAYMENT THEREFOR HAS NOT BEEN RECEIVED, AND THAT THE BILL IS PRESENTED WITH THE KNOWLEDGE THAT THE AMOUNT PAID HEREUNDER WILL BECOME THE BASIS FOR CLAIM AGAINST THE UNITED STATES GOVERNMENT."



Contract Cost Department

STAT

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Next 8 Page(s) In Document Exempt

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8 October 1969

STAT



Subject: Acceptance Test/Inspection Procedures for System "A" and
"C" Communication Terminals, Work Order 4, Contract 

STAT

Dear Sir,

Enclosed are copies of the proposed Acceptance Test/Inspection Procedures for Systems "A" and "C" dated 8 October 1969. Would you please review the procedures and advise within two weeks if the procedures are not acceptable.

Sincerely,



STAT

Director, Special Projects

LOL:1b

- Encl: 1. Acceptance Test/Inspection Procedure, System "A" dated
8 Oct 1969 (3 copies)
2. Acceptance Test/Inspection Procedure, System "C" dated
8 Oct 1969 (3 copies)

ACCEPTANCE TEST/INSPECTION PROCEDURES
PROJECT WORD
SYSTEM "A"

1.0 PURPOSE

Successful completion of the tests in this procedure will provide the basis for acceptance of System A by the customer.

The performance of System A as a system, and compatibility between System A and the customer furnished "System B" will be demonstrated.

The transit and operational configuration of System A will be shown.

2.0 REFERENCE INFORMATION

The drawings, manuals and other documentation listed in the following paragraphs should be available during performance of these tests.

2.1 Drawings

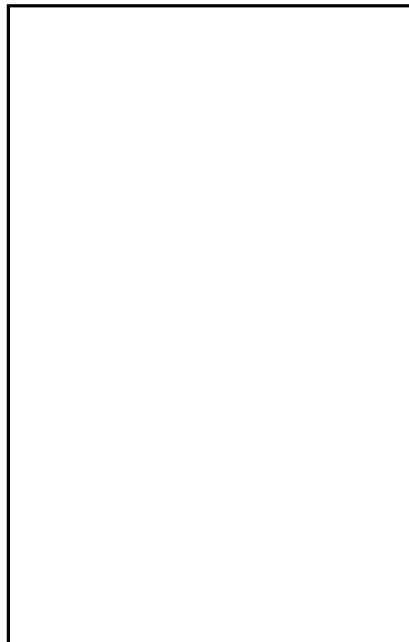
- a. Schematic, RCU
- b. Schematic, connector panel, System A
- c. Power wiring, System A
- d. Outline drawing, Equipment Cabinet
- e. Outline drawing, Auxiliary Transit Case

2.2 Manuals

- a. 718U-4 hf transceiver
- b. 490B-4 hf antenna coupler
- c. 514A-4 hf control unit
- d. AN/PRC-66 uhf transceiver
- e. 943B-1 uhf power amplifier
- f. System A System Manual
- g. DCR40-60A dc power supply
- h. 449B microphone amplifier
- i. 460A AGC amplifier
- j. 453B line amplifier
- k. 461A power amplifier

2.3 Other Documentation

- a. "Design Plan, Transportable Communications Terminals"
- b. System B Information as applicable
- c. ON-AIR Test Plan (See 5.3)



GFE
GFE

NO. 000-3152-000

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STAT

3.0 EQUIPMENT REQUIRED

3.1 Test Equipment

<u>Item</u>	<u>Description</u>	<u>Quantity</u>
a.	VOM, Triplett 630, or equivalent	2
b.	VTVM, #HP 400D	3
c.	Audio oscillator, HP200CD	2
d.	Transformer, HP 11005A	3
e.	Frequency counter, HP5245L	1
f.	Plug in for frequency counter, HP5253B	1
g.	28vdc power supply, KEPCO KS60-5M	1
h.	Hf dummy load, 50 ohm, 1 kw, BIRD 694	1
i.	Uhf dummy load, 50 ohm, 80w BIRD 81B	1
j.	Rf wattmeter, BIRD 43	2
k.	Hf insert for rf wattmeter, BIRD 500H	1
l.	Uhf insert for rf wattmeter, BIRD 10D	1
m.	Rf signal generator, HP606B (for hf)	1
n.	Rf signal generator, HP608E (for uhf)	1
o.	Microphone adapter (See Fig 6-1)	1
p.	Test leads, connectors, cable, resistors	As required

*HP = Hewlett Packard

3.2 GFE Equipment Required

- a. System "B" 1

4.0 INITIAL CONDITIONS

4.1 Environmental

4.1.1 OFF-AIR Tests: Normal laboratory ambient.

4.1.2 ON-AIR Tests: Normal laboratory ambient, and existing outside ambient.

4.2 Power: Normal building 208 vac, 60 Hz.

4.3 Equipment

- a. All System A equipment installed and/or packaged for transit in Equipment Cabinet and/or Auxiliary Transit Case.

5.0 TEST PROCEDURE

Switch and control positions, cable and equipment connections should remain as stated until procedure directs a change.

5.1 Set-Up

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- 5.1.1 Remove front and rear covers of Equipment Cabinet. Examine Equipment Cabinet for location, accessibility, appearance, secureness of equipment.
- 5.1.2 Remove cover from Auxiliary Transit Case, Examine location, accessibility, appearance, secureness of equipment and cables.
- 5.1.3 Check building primary ac voltage.

5.2 OFF-AIR Tests

5.2.1 Remote Control Unit (RCU) tests.

- 5.2.1.1 Connect the equipment as shown in Figure 6-3. DO NOT turn the external 28 vdc power supply on initially. On the RCU: Select hf (S1), CH 1 (S2), OFF (S4), AN/PRC-66 to 300.0 MHz, both SPKR GAIN maximum CCW (lowest volume).
- 5.2.1.2 Adjust the Audio Oscillator to 1 kHz (On oscillator dial) at -35.6 dbm.
- 5.2.1.3 Turn the external 28 vdc power supply (KEPCO KS60-5M) to ON. Switch S4 on the RCU to ON.
- 5.2.1.4 Read the VOM.
- 5.2.1.5 Read VTVM #1.
- 5.2.1.6 Read VTVM #2.
- 5.2.1.7 Read the vu meter on the RCU.
- 5.2.1.8 Move the VOM, set for RX1000 to J2, pins U and H. Read VOM.
- 5.2.1.9 Push the PTT switch on the microphone stand. Read the VOM. Release the PTT switch.
- 5.2.1.10 At RCU, select uhf (S1). Read VTVM #1.
- 5.2.1.11 Read VTVM #2.
- 5.2.1.12 Read vu meter.
- 5.2.1.13 Move the VOM, set for RX1000 to J3, pins D and A. Read VOM.

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- 5.2.1.14 Push the PTT switch on the microphone stand. Read the VOM.
- 5.2.1.15 Read the uhf wattmeter. Release PTT switch. Read VOM.
- 5.2.1.16 At RCU, select COMBINE (S1). Connect VOM #1 to J2-U and J2-h. Connect VOM #2 to J3-D and J3-A. Read VOM #1 and VOM #2.
- 5.2.1.17 Push the PTT switch on the microphone stand. Read VOM #1 and VOM #2.
- 5.2.1.18 Read VTVM #1.
- 5.2.1.19 Read VTVM #2.
- 5.2.1.20 Read vu meter. Release PTT switch.

CAUTION

DO NOT KEY uhf transmitter while performing the following receive circuit tests.

- 5.2.1.21 Reconnect the equipment as shown on Figure 6-4.
- 5.2.1.22 Adjust the rf signal generator to 300.0 MHz, modulated with internal 1 kHz am, at 500 uv.
- 5.2.1.23 Read VTVM.
- 5.2.1.24 Check operation of uhf speaker circuit by varying SPKR GAIN control. Adjust to comfortable level.
- 5.2.1.25 Remove F1. AN/PRC-66 should go off. Replace F1.
- 5.2.1.26 Disconnect rf signal generator, frequency counter and VTVM. Reconnect uhf wattmeter and dummy load. Connect audio oscillator (600 ohm balanced) adjusted to 1 kHz, -10 dbm, to J2-G and J2-H. Check operation of uhf speaker circuit by varying uhf SPKR GAIN control. Adjust to comfortable level.
- 5.2.1.27 Move the audio oscillator, with same adjustments as 5.2.1.26, to J2-C and J2-D. Check operation of hf speaker circuit by varying hf SPKR GAIN control. Adjust to comfortable level.

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- 5.2.1.28 Disconnect all test equipment, except external 28 vdc power supply. Jumper J2-M to J2-G. FAULT light should be lighted. Remove jumper.
- 5.2.1.29 Jumper J2-N to J2-G. READY light should be lighted. Remove jumper.
- 5.2.1.30 Jumper J2-Z to J2-D. Jumper J2-A to J2-G. ACTIVITY light should be lighted. Remove jumpers.
- 5.2.1.31 Jumper J2-Z to J2-D. Jumper J2-V to J2-G. ACTIVITY light should be lighted. Remove J2-V to J2-G jumper.
- 5.2.1.32 At RCU, select CH2 (S2). Jumper J2-W to J2-G. ACTIVITY light should be lighted. Remove J2-W to J2-G jumper.
- 5.2.1.33 Select CH3(S2). Jumper J2-X to J2-G. ACTIVITY light should be lighted. Remove J2-X to J2-G jumper.
- 5.2.1.34 Select CH4(S2). Jumper J2-Y to J2-G. ACTIVITY light should be lighted. Remove all jumpers. Remove 28 vdc power supply. Select CH1 at S2.
- 5.2.1.35 Connect a VOM, set on RX1000, between J2-C and J2-B. Read VOM.
- 5.2.1.36 Depress PUSH-TO-QUERY switch. Read VOM. Release switch. Remove VOM.

5.2.2 HF Tests

- 5.2.2.1 Connect the equipment as shown on Figure 6-2.

DO NOT connect ac power cable.

DO NOT connect coupler control cable.

DO NOT connect RCU cable.

Disconnect the hf antenna lead from the front of the 490T-2 coupler. Connect the hf dummy load coax center conductor to the front of the 490T-2 coupler, connect the shield (pig tail) to one of the mounting screws around the rf output. Remove 718U-4 equipment from cabinet.

Make the following switch selections at the Equipment Cabinet:

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CB1	OFF
CB2	OFF
S1	BYPASS
S2	LOCAL
S3	REMOTE

514A-4 control 18.0 MHz, USB. Internal Sorensen power supply ac OFF, dc OFF.

- 5.2.2.2 Connect ac primary power. Switch internal Sorensen power supply ac and dc to ON. Adjust Sorensen power supply output to 28 ± 1 vdc.
- 5.2.2.3 Switch CB1 to ON. Check voltage at equipment shelf connector J3-17(+) and J3-13 (-) with VOM on 60 vdc scale.
- 5.2.2.4 Switch CB2 to ON. Check voltage at Equipment Cabinet J4-d(+) and J4-G(-) with VOM on 60 vdc scale. Switch CB1 and CB2 to OFF.
- 5.2.2.5 Connect RCU cable to Equipment Cabinet J4. Switch CB2 to ON. At the coupler end of the Coupler Control Cable, jumper between pins J and D. FAULT lights at both Equipment Cabinet and RCU should light.
- 5.2.2.6 Connect VOM, set on RX1000 between pin M and pin P at System B end of System B cable. Read VOM. Remove jumper (5.2.2.5 above).
- 5.2.2.7 At coupler end of the Coupler Control Cable, jumper pin C to pin D. READY lights at both Equipment Cabinet and RCU should light.
- 5.2.2.8 Connect VOM, set on RX1000 between pin N and pin P at System B end of System B cable. Read VOM. Remove jumper (5.2.2.7 above).
- 5.2.2.9 BE SURE CB1 is OFF. Reinstall 718U-4 equipment. Connect Coupler Control Cable to coupler.
- 5.2.2.10 Switch CB1 to ON. Note that both READY lights operate properly. (No light while radio is tuning. READY light ON after tune complete.) Also, note that both FAULT lights are not lighted.
- 5.2.2.11 At the microphone adapter, adjust the Audio Oscillator to 1 kHz at -35.6 dbm. Push the PTT switch on the microphone stand. Read forward power at the rf wattmeter. Read the hf dummy load wattmeter. Release PTT switch.

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- 5.2.2.12 At the Equipment Cabinet, select normal (S1). Repeat 5.2.2.11.
- 5.2.2.13 At System B end of the System B cable, jumper pin A to pin J and pin B to pin K. Repeat 5.2.2.11. At System B end of System B cable, jumper pin D to pin U. Read power at rf wattmeter. Remove all these jumpers.
- 5.2.2.14 At the Equipment Cabinet, select BYPASS (S1). Select LSB at hf control head. Repeat 5.2.2.11.
- 5.2.2.15 Select AME at hf control head. Repeat 5.2.2.11.
- 5.2.2.16 Select USB and 4.0 MHz at hf control head. Repeat 5.2.2.11.
- 5.2.2.17 Select USB and 29.0 MHz at hf control head. Repeat 5.2.2.11.
- 5.2.2.18 Select USB and 12.0 MHz at hf control head. Repeat 5.2.2.11.
- 5.2.2.19 Select OFF at the hf control head. Repeat 5.2.2.11.
- 5.2.2.20 Select USB at the hf control head. (Radio should retune). Repeat 5.2.2.10.
- 5.2.2.21 Select COMBINE at the RCU (S1). Repeat 5.2.2.11.
- 5.2.2.22 Select S3 LOCAL at the connector panel. Plug the handheld microphone into the jack provided on the panel. Press the PTT switch and speak into the microphone. Check for power output at the rf wattmeter. Release the PTT switch and restore S3 to the REMOTE Position.
- 5.2.2.23 Disconnect microphone from RCU. Select hf at RCU (S1). Disconnect rf wattmeter from coupler rf cable. Leave rf cable disconnected. Connect rf signal generator (HP606B), adjusted to 12.00100 MHz at 50 uv, and frequency counter to coupler end of coupler rf cable.

CAUTION: DO NOT KEY hf transmitter while performing the following receive circuit tests.

- 5.2.2.24 Adjust SQL (squench) control to min. Check for tone at hf speaker at the RCU. Adjust hf SPKR GAIN control for comfortable level in the hf speaker.
- 5.2.2.25 Disconnect rf signal generator and frequency counter. Connect rf cable directly to coupler. (See NOTE.) Select 4.0 MHz at hf control head. Repeat 5.2.2.10.

NOTE: Rf cable must be connected to coupler while radio is tuning.

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O A B C D E F G H J K L SHEET 7 OF 25

5.2.2.26 Reconnect rf signal generator and frequency counter (5.2.2.23). Adjust to 4.00100 MHz. Repeat 5.2.2.24.

5.2.2.27. Repeat 5.2.2.25 except select 29.0 MHz.

5.2.2.28 Repeat 5.2.2.26 except adjust to 29.00100 MHz.

5.2.2.29 Select S3 LOCAL at the connector panel. Plug the headset into the jack provided on the panel. Check for tone in the headset. Adjust the LEVEL control for comfortable level in the headset. Restore S3 to the REMOTE position.

5.2.2.30 Repeat 5.2.2.25.

5.2.3 UHF Tests

5.2.3.1 Connect Audio Oscillator, adjusted to 1 kHz at -35.6 dbm, and VTVM, through microphone adapter to RCU (See Figure 6-2). At RCU, select uhf (S1). At AN/PRC-66, select 300.0 MHz. Connect a VTVM, paralleled with 2500 ohms, to pin E and pin F at the System B end of the System B cable. Push the PTT switch at the microphone stand. Read VTVM (System B). Read rf wattmeter at 943B-1 (uhf power amplifier). Release PTT switch.

5.2.3.2 At RCU, select COMBINE (S1). Push PTT switch. Read VTVM (System B). Read rf wattmeter (943B-1). Release PTT switch.

5.2.3.3 At RCU, select uhf. At AN/PRC-66, select 375.0 MHz. Read VTVM (System B). Read rf wattmeter (943B-1). Release PTT switch.

5.2.3.4 Repeat 5.2.3.3, except select 250.0 MHz. Disconnect microphone stand from RCU.

CAUTION

DO NOT KEY uhf transmitter while performing the following receive circuit tests.

5.2.3.5 Disconnect rf wattmeter from 943B-1. Connect rf signal generator (HP608E) and frequency counter to 943B-1 output terminal. Adjust rf signal generator to 250 MHz

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(modulated with 1 kHz AM) at 50 uv. Move VTVM connections at System B cable to pin G and pin H (paralleled across 2500 ohms): Read VTVM. Check for tone at uhf speaker on RCU. Switch CB1 and CB2 to OFF.

5.2.4. System B Tests

5.2.4.1 Connect equipment as shown on Figure 6-5.

At RCU, select: Hf (S1), ON (S4), CH1 (S2), mid range at hf and uhf SPKR GAIN controls.

At Equipment Cabinet select: NORMAL (S1), REMOTE (S2), REMOTE (S3), CB1-OFF, CB2-OFF.

At System B, select: channel 1 at SELCAL; 18.0 MHz and USB at hf control head; operate proper controls so that RCU operator can modulate hf radio from the RCU.

5.2.4.2 Switch CB1 and CB2 to ON at Equipment Cabinet. Hf radio should tune and READY lights at Equipment Cabinet, RCU, and System B should come on when radio completes tuning. All FAULT lights should be off.

5.2.4.3 Adjust System B such that no SELCAL channels are in use.

5.2.4.4 At RCU, depress PUSH TO QUERY switch. Check for transmitter output at the hf dummy load wattmeter. Check for proper operation of ACTIVITY light.

5.2.4.5 Release QUERY switch. Check for proper operation of ACTIVITY light.

5.2.4.6 Push microphone PTT switch. Speak into microphone. Check for hf transmitter output at hf dummy load wattmeter. Check for proper operation at System B. Release PTT switch.

5.2.4.7 At RCU, select CH2 (S2). Repeat 5.2.4.3.

5.2.4.8 Repeat 5.2.4.4.

5.2.4.9 Repeat 5.2.4.5.

5.2.4.10 Repeat 5.2.4.6.

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- 5.2.4.11 At RCU, select CH3 (S2). Repeat 5.2.4.3.
- 5.2.4.12 Repeat 5.2.4.4.
- 5.2.4.13 Repeat 5.2.4.5.
- 5.2.4.14 Repeat 5.2.4.6.
- 5.2.4.15 At RCU, select CH4(S2). Repeat 5.2.4.3.
- 5.2.4.16 Repeat 5.2.4.4.
- 5.2.4.17 Repeat 5.2.4.5.
- 5.2.4.18 Repeat 5.2.4.6.

CAUTION

DO NOT KEY hf transmitter while performing the following receive circuit tests.

- 5.2.4.19 Disconnect rf cable from hf coupler. Connect rf signal generator and frequency counter to rf cable. Adjust rf signal generator to 18.00100 MHz at 50 uv. Check for adequate tone in hf speaker at RCU. Check for proper operation at System B.
- 5.2.4.20 Disconnect rf signal generator and frequency counter. Reconnect rf cable to hf coupler. At RCU, select uhf (S1). Push the microphone PTT switch. Speak into microphone. Check for power output at uhf wattmeter. Check for proper operation at System B uhf monitor. Release PTT switch.
- 5.2.4.21 At RCU, select COMBINE (S1), CH1(S2). Repeat 5.2.4.3. Push the microphone PTT switch. Speak into microphone. Check for power output at hf dummy load wattmeter. Check for power output at uhf rf wattmeter.

CAUTION

DO NOT KEY uhf transmitter while performing the following receive circuit tests.

- 5.2.4.22 Disconnect rf wattmeter from 943B-1. Connect rf signal generator and frequency counter to 943B-1 output terminal. Adjust rf signal generator to 250.0 MHz

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(modulated with 1 kHz AM) at 50 uv. Check for adequate tone at uhf speaker on the RCU. Check for proper operation at System B.

5.2.4.23 Disconnect all test equipment, rf wattmeters, dummy loads, etc.

5.3 ON-AIR Tests

a. The ON-AIR tests will be performed after successful completion of all of the above tests.

c. Far end terminals will be provided by the customer.

d. System B and System B operation and maintenance personnel will be provided by the customer.

e. Operating frequencies will be furnished by the customer.

f. Length and type of tests will be determined by the customer.

g. Equipment will be connected as shown on Figure 6-6 for ON-AIR tests.

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6.0 FIGURES

This section contains system and equipment configuration Figures 6-1, 6-2, 6-3, 6-4, 6-5 and 6-6.

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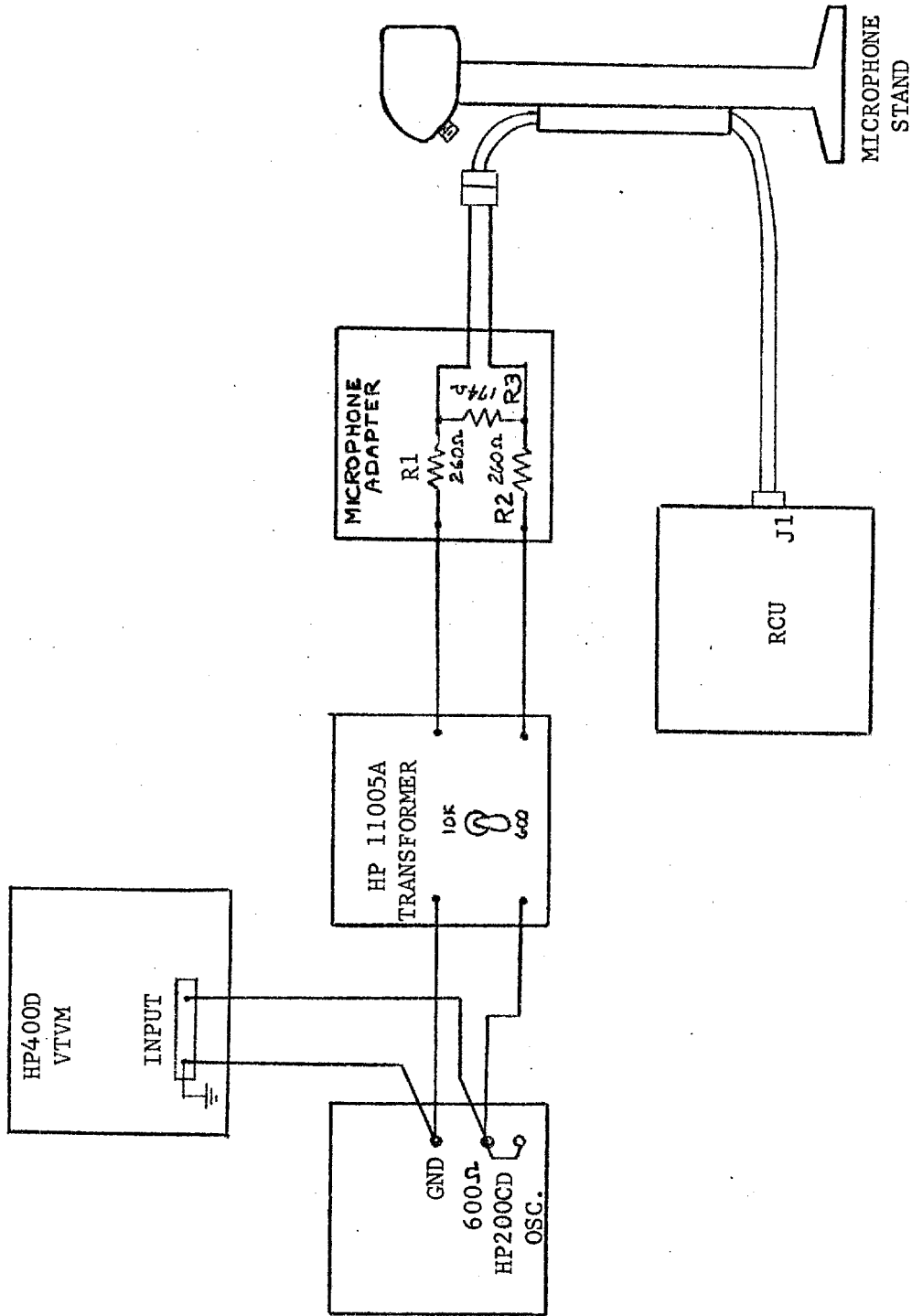


FIGURE 6-1
MICROPHONE ADAPTER
CONNECTIONS

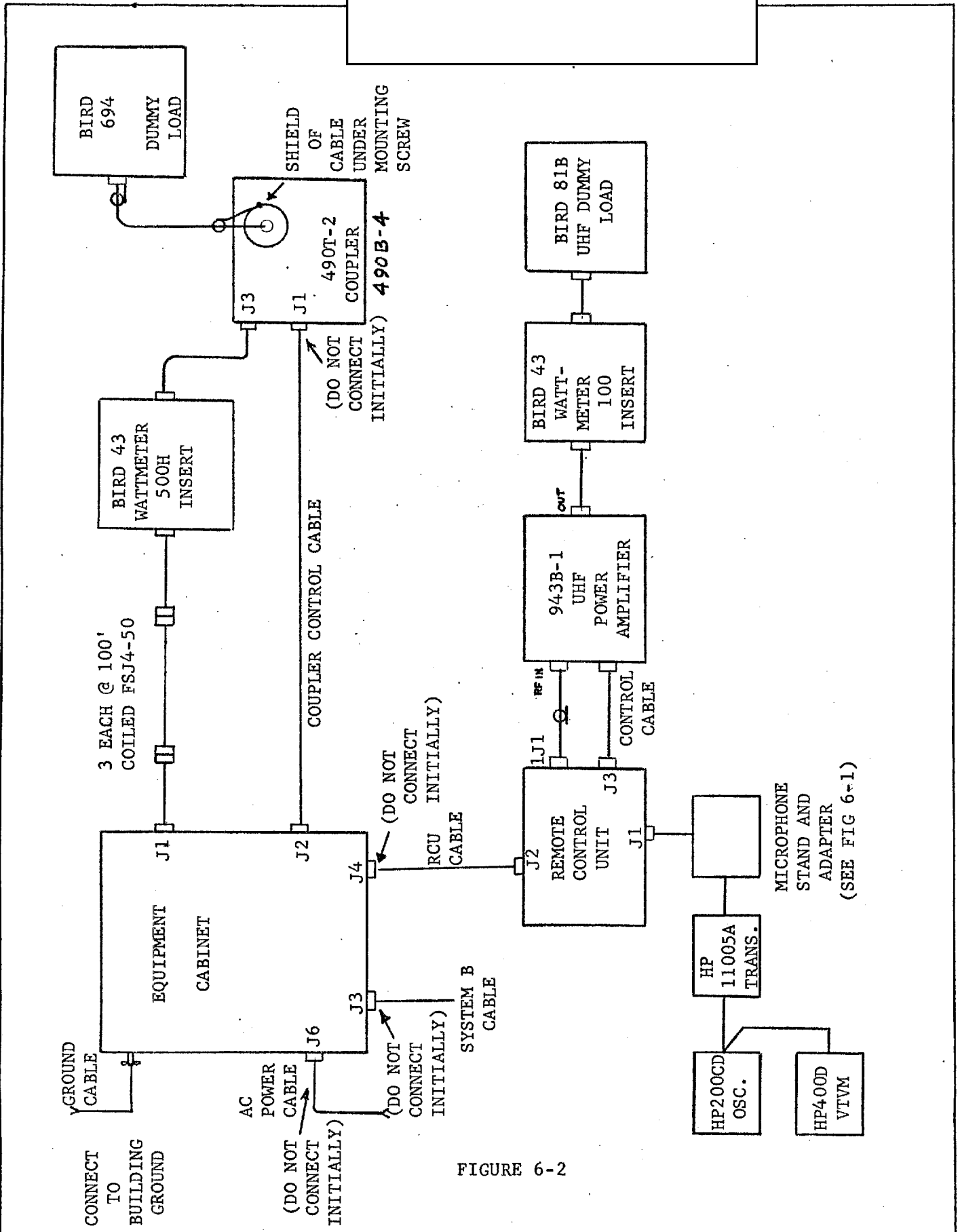


FIGURE 6-2

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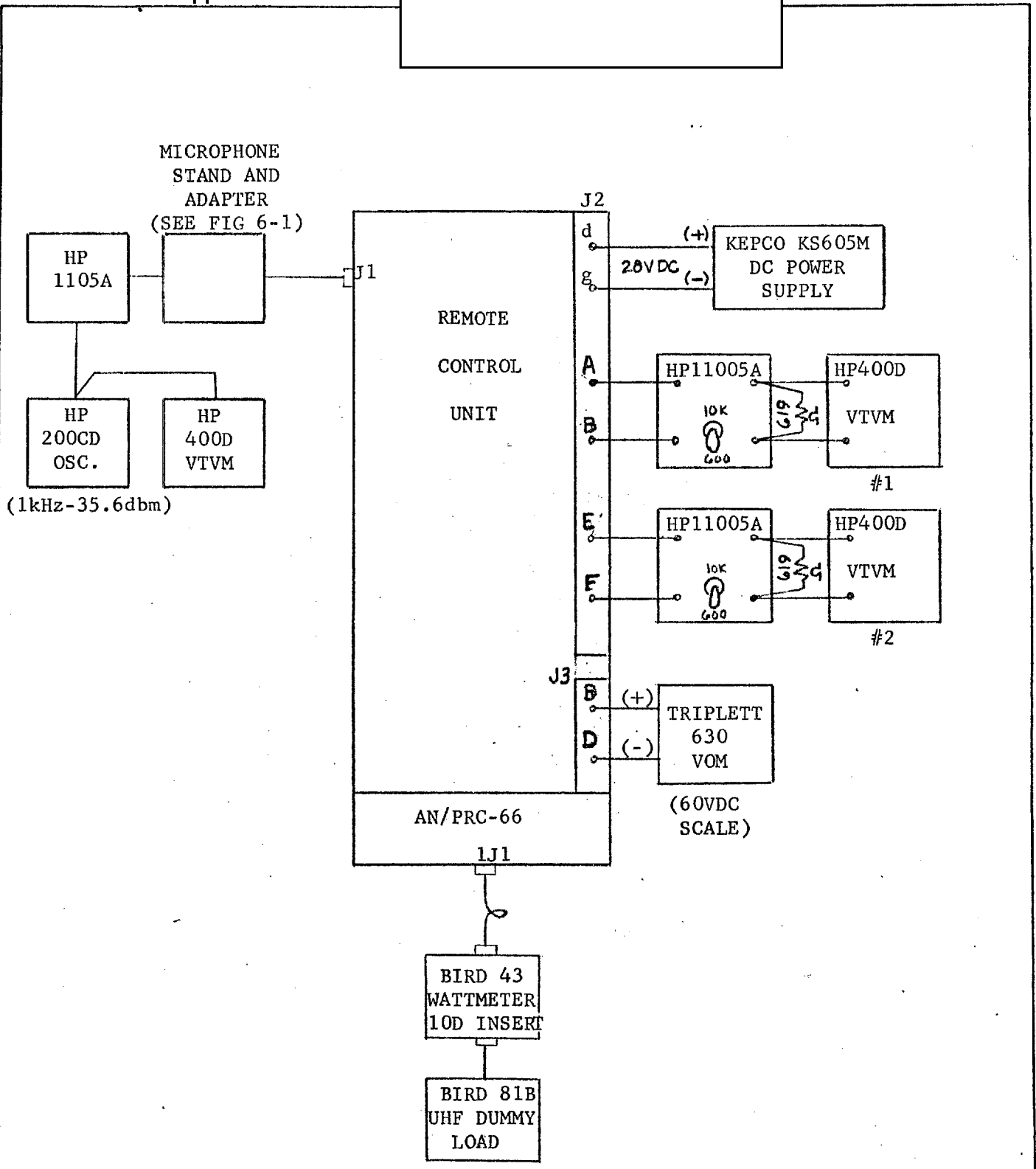


FIGURE 6-3

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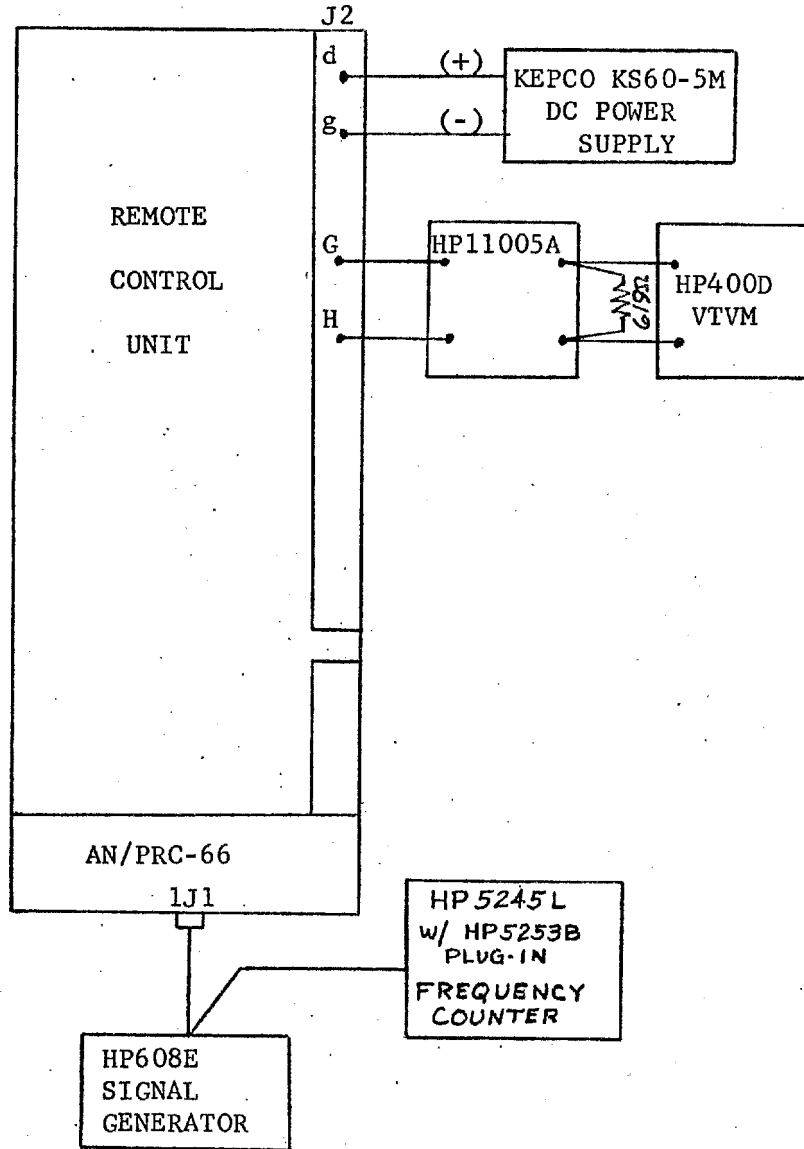


FIGURE 6-4

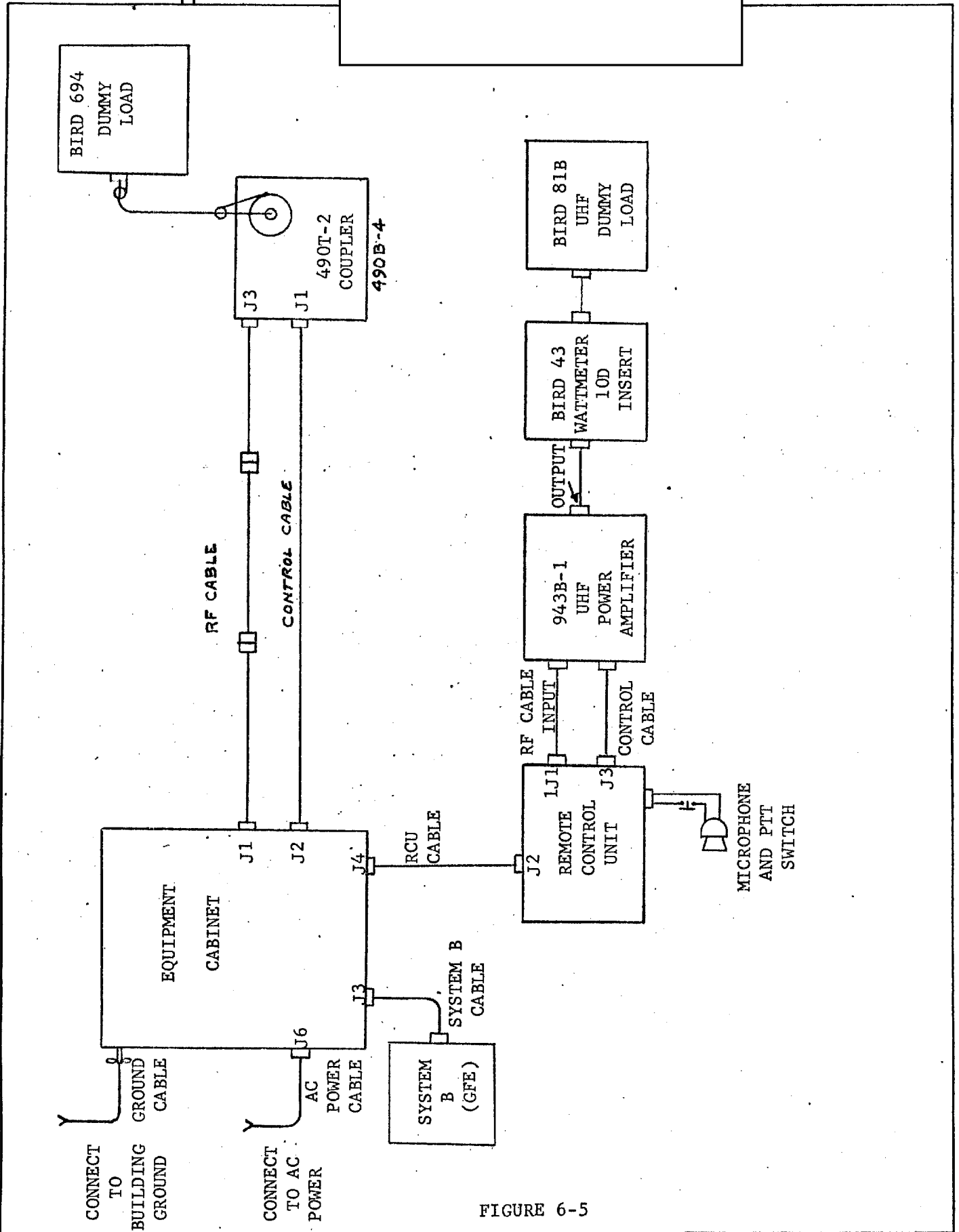


FIGURE 6-5

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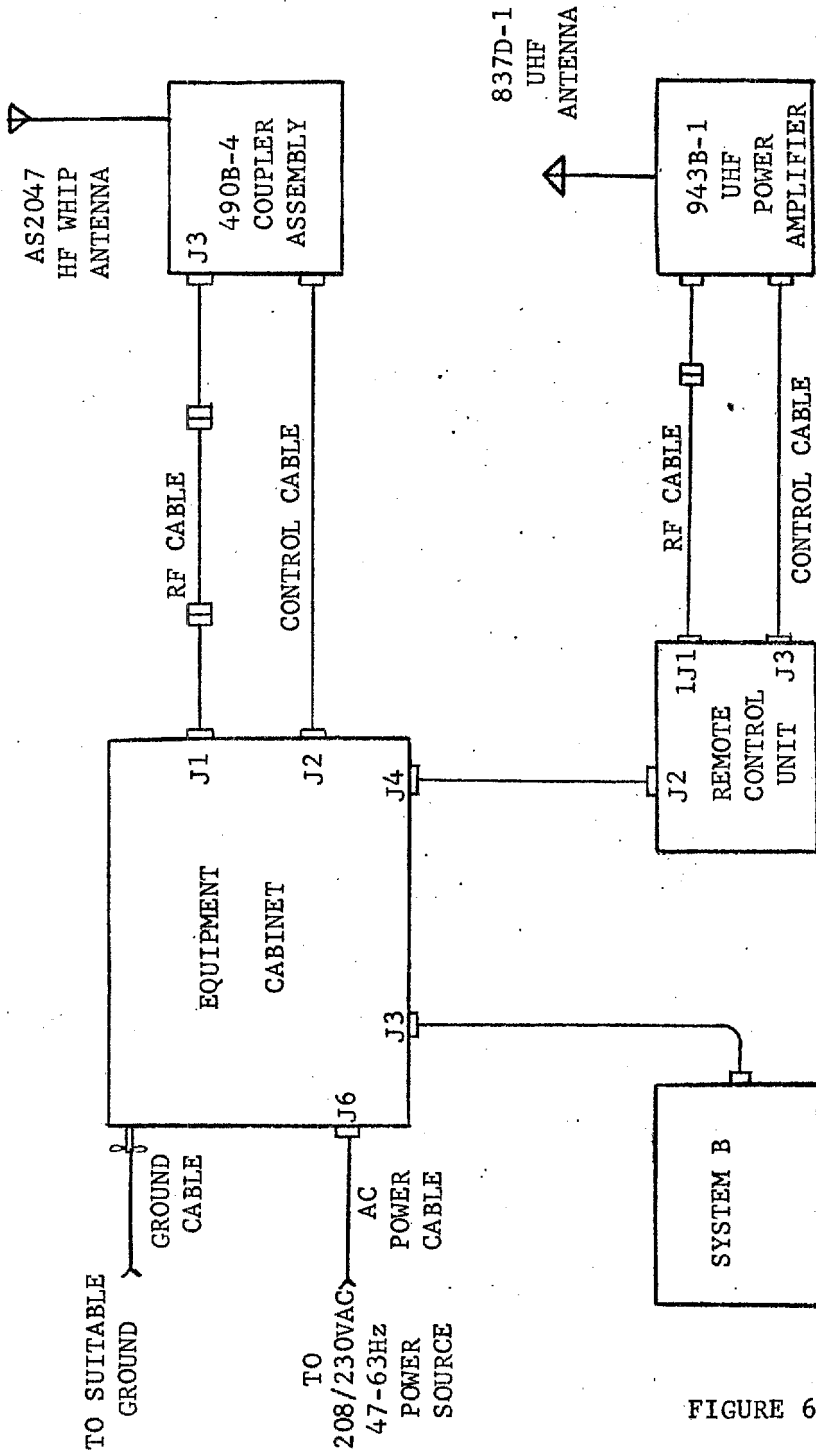


FIGURE 6-6

7.0 TEST DATA

Paragraphs in this section are numbered the same as the tests to be performed in Section 5.0, except for the first digit. In other words, 7.1.1 is test data for test in paragraph 5.1.1.

7.1 Set-Up	<u>Data</u>	<u>Limits</u>
7.1.1 Equipment location, etc.	___ OK	
7.1.2 Equipment/cable location, etc.	___ OK	
7.1.3 Building primary voltage	___ vac	208vac ⁺ -10%
7.2. OFF-AIR Tests		
7.2.1 RCU Tests		
7.2.1.1 Equipment connected, switch selections made.	___ OK	
7.2.1.2 Audio oscillator adjusted	___ kHz ___ dbm	1kHz ⁺ -10% -35.6dbm
7.2.1.3 Power supply and S4 both ON	___ OK	
7.2.1.4 VOM	___ vdc	28 [±] 1vdc
7.2.1.5 VTVM #1 (S1 in hf)	___ dbm	Reference
7.2.1.6 VTVM #2 (S1 in hf)	___ dbm	Reference
7.2.1.7 VU meter (S1 in hf)	___ VU	Reference
7.2.1.8 VOM at J2-U and J2-H	___ ohms	Open
7.2.1.9 VOM at J2-U and J2-H with PTT switch depressed.	___ ohms	0 ohms
7.2.1.10 VTVM #1 (S1 in uhf)	___ dbm	Reference
7.2.1.11 VTVM #2 (S1 in uhf)	___ dbm	Reference
7.2.1.12 VU meter (S1 in uhf)	___ dbm	Reference
7.2.1.13 VOM at J3-D and J3-A	___ ohms	Open
7.2.1.14 VOM at J3-D and J3-A with PTT switch depressed	___ ohms	0 ohms
7.2.1.15 Uhf wattmeter reading with PTT switch depressed.	___ watts	0.5+1.5,-0 watts

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		<u>Data</u>	<u>Limits</u>
7.2.1.16	VOM #1	___ ohms	Open
	VOM #2	___ ohms	Open
7.2.1.17	VOM #1 with PTT switch depressed.	___ ohms	0 ohms
	VOM #2 with PTT switch depressed.	___ ohms	0 ohms
7.2.1.18	VTVM #1 (COMBINE)	___ dbm	Reference
7.2.1.19	VTVM #2 (COMBINE)	___ dbm	Reference
7.2.1.20	VU meter (COMBINE)	___ VU	Reference
7.2.1.21	Equipment connected	___ OK	
7.2.1.22	Rf signal generator adjusted	___ OK	
7.2.1.23	VTVM	___ dbm	Reference
7.2.1.24	Uhf speaker circuit operation	___ OK	
7.2.1.25	AN/PRC-66 goes off with F1 removed.	___ OK	
7.2.1.26	Uhf speaker circuit operation	___ OK	
7.2.1.27	Hf speaker circuit operation	___ OK	
7.2.1.28	FAULT light lighted	___ OK	
7.2.1.29	READY light lighted	___ OK	
7.2.1.30	ACTIVITY light lighted	___ OK	
7.2.1.31	ACTIVITY light lighted (CH1)	___ OK	
7.2.1.32	ACTIVITY light lighted (CH2)	___ OK	
7.2.1.33	ACTIVITY light lighted (CH3)	___ OK	
7.2.1.34	ACTIVITY light lighted (CH4)	___ OK	
7.2.1.35	VOM	___ ohms	Open
7.2.1.36	VOM	___ ohms	0 ohms

		<u>Data</u>	<u>Limits</u>
7.2.2 HF Tests			
7.2.2.1	Equipment connected. Switch selections made.	___ OK	
7.2.2.2	Power supply voltage	___ vdc	28 ⁺ 1vdc
7.2.2.3	Voltage at Equipment Shelf	___ vdc	28 ⁺ 1vdc
7.2.2.4	Voltage at J4	___ vdc	28 ⁺ 1vdc
7.2.2.5	FAULT lights lighted	RCU ___ OK	
	Equip.Cab.	___ OK	
7.2.2.6	VOM at System B cable	___ ohms	Continuity
7.2.2.7	READY lights lighted	RCU ___ OK	
	Equip.Cab.	___ OK	
7.2.2.8	VOM at System B cable	___ ohms	Continuity
7.2.2.9	Equipment installed, Cable connected.	___ OK	
7.2.2.10	READY lights operation	___ OK	
	FAULT lights off	___ OK	
7.2.2.11	Rf wattmeter	___ watts	*NLT200w
	Dummy load wattmeter	___ watts	**N.A.
7.2.2.12	Rf wattmeter	___ watts	0 watts
	Dummy load wattmeter	___ watts	0 watts
7.2.2.13	Rf wattmeter (with PTT)	___ watts	NLT200w
	Dummy load wattmeter	___ watts	N.A.
	Rf wattmeter (with jumper P to U)	___ watts	NLT200w
7.2.2.14	Rf wattmeter	___ watts	NLT200w
	Dummy load wattmeter	___ watts	N.A.
7.2.2.15	Rf wattmeter	___ watts	NLT100w
	Dummy load wattmeter	___ watts	N.A.

*NLT = Not Less Than
 **N.A. = Not applicable.

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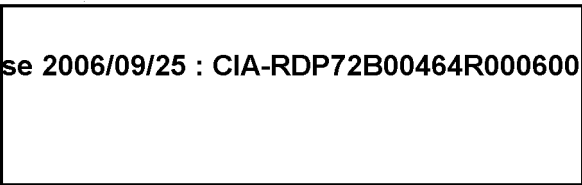
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		<u>Data</u>	<u>Limits</u>
7.2.2.16	Rf wattmeter	_____ watts	NLT 200w
	Dummy Load wattmeter	_____ watts	N.A.
7.2.2.17	Rf wattmeter	_____ watts	NLT 200w
	Dummy load wattmeter	_____ watts	N.A.
7.2.2.18	Rf wattmeter	_____ watts	NLT 200w
	Dummy load wattmeter	_____ watts	N.A.
7.2.2.19	Rf wattmeter	_____ watts	0 watts
	Dummy load wattmeter	_____ watts	0 watts
7.2.2.20	READY lights operation	_____ OK	
	FAULT lights off	_____ OK	
7.2.2.21	Rf wattmeter	_____ watts	NLT 200w
	Dummy load wattmeter	_____ watts	N.A.
7.2.2.22	Rf wattmeter	_____ watts	Reference
	Dummy load wattmeter	_____ watts	Reference
7.2.2.23	Equipment connections	_____ OK	
7.2.2.24	Tone at hf speaker	_____ OK	
7.2.2.25	READY lights operation	_____ OK	
	FAULT lights off	_____ OK	
7.2.2.26	Tone at hf speaker	_____ OK	
7.2.2.27	READY lights operation	_____ OK	
	FAULT lights off	_____ OK	
7.2.2.28	Tone at hf speaker	_____ OK	
7.2.2.29	Tone at headset	_____ OK	
7.2.2.30	READY lights operation	_____ OK	
	FAULT lights off	_____ OK	
7.2.3 UHF Tests			
7.2.3.1	Equipment connections and switch selections.	_____ OK	
	VTVM (System B)	_____ dbm	Reference
	Rf wattmeter (943B-1)	_____ watts	Reference
7.2.3.2	VTVM (System B)	_____ dbm	Reference
	Rf wattmeter (943B-1)	_____ watts	Reference

		<u>Data</u>	<u>Limits</u>
7.2.3.3	VTVM (System B) Rf wattmeter (943B-1)	___ dbm ___ watts	Reference Reference
7.2.3.4	VTVM (System B) Rf wattmeter (943B-1)	___ dbm ___ watts	Reference Reference
7.2.3.5	Equipment connections and switch selections. VTVM (System B) Tone at uhf speaker CB1 and CB2 OFF	___ OK ___ dbm ___ OK ___ OK	Reference
7.2.4 System B Tests			
7.2.4.1	Equipment connections and switch selection.	___ OK	
7.2.4.2	READY lights lighted FAULT lights off	___ OK ___ OK	
7.2.4.3	System B adjusted	___ OK	
7.2.4.4	Hf transmitter output (CH1) ACTIVITY light operation	___ OK ___ OK	
7.2.4.5	ACTIVITY light operation	___ OK	
7.2.4.6	Hf transmitter output (CH1) System B operation	___ OK ___ OK	
7.2.4.7	System B adjusted	___ OK	
7.2.4.8	Hf transmitter output (CH2) ACTIVITY light	___ OK ___ OK	
7.2.4.9	ACTIVITY light	___ OK	
7.2.4.10	Hf transmitter output (CH2) System B operation	___ OK ___ OK	
7.2.4.11	System B adjusted	___ OK	
7.2.4.12	Hf transmitter output (CH3) ACTIVITY light	___ OK ___ OK	
7.2.4.13	ACTIVITY light	___ OK	

	<u>Data</u>	<u>Limits</u>
7.2.4.14 Hf transmitter output (CH3) System B operation	___ ___	OK OK
7.2.4.15 System B adjusted	___	OK
7.2.4.16 Hf transmitter output (CH4) ACTIVITY light	___ ___	OK OK
7.2.4.17 ACTIVITY light	___	OK
7.2.4.18 Hf transmitter output (CH4) System B operation	___ ___	OK OK
7.2.4.19 Equipment connections and switch selections. Adequate tone in hf speaker System B operation	___ ___ ___	OK OK OK
7.2.4.20 Equipment connections and switch selections. Uhf transmitter power output System B uhf monitor	___ ___ ___	OK OK OK
7.2.4.21 Switch selection System B adjusted Hf transmitter output Uhf transmitter output	___ ___ ___ ___	OK OK OK OK
7.2.4.22 Equipment connections and switch selections. Adequate tone in uhf speaker System B operation	___ ___ ___	OK OK OK
7.2.4.23 Equipment disconnected	___	OK
7.3 ON-AIR Tests		
ON-AIR tests successfully completed.	___	OK



REMARKS

Horizontal lines for entering remarks.

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