

~~TOP SECRET SENSITIVE~~

DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS AIR FORCE SPECIAL OPERATIONS FORCE (TAC)  
EGLIN AIR FORCE BASE, FLORIDA 32542



8

REPLY TO  
ATTN OF: CC

SUBJECT: Project IVORY COAST Costs

TO: Chairman, JCS  
Washington, DC

1. The attached report summarizes the costs associated with Project "IVORY COAST" from 14 August 1970 - 15 December 1970. It includes data from USAF, USA, and USN components of the JCTG, and is presented in a monthly format and separated by components.
2. Data was derived from, and limited to, actual documents and analytical interpolation. This report should be incorporated into the Project Final Report as an annex.

LEROY J. MANOR, Brig General, USAF  
Joint Contingency Task Group Commander

~~DOD / DFOISR  
TOP SECRET CONTROL  
Copy No. \_\_\_\_\_  
Case No. 97-1-1230  
No. \_\_\_\_\_  
Document No. 2~~

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~~TOP SECRET GROUP 1~~

TABLE OF CONTENTS

TAB 1	Letter of Transmittal
TAB 2	Project Costs Cost Parameters
TAB 3	Army Costs
TAB 4	TAC Costs
TAB 5	TAC Units Costs
TAB 6	Other Organizations' Costs
TAB 7	Other Related Costs
TAB 8	Flying Hours by Aircraft
TAB 9	Extractions from AFM 172-3 (Used to compute flying hour costs)

~~GROUP 1  
Excluded from automatic  
downgrading and  
declassification~~

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PROJECT COSTS

<u>O&amp;M OTHER</u>	<u>AUGUST</u>	<u>SEPTEMBER</u>	<u>OCTOBER</u>	<u>NOVEMBER</u>	<u>DECEMBER</u>	<u>TOTAL</u>
Travel & Per Diem	\$2,558.16	\$38,490.65	\$41,419.22	\$50,278.78	\$4,878.62	\$137,625.43
Aircraft Maint	2,800.80	14,532.70	15,563.30	56,308.80	504.00	89,709.60
Supplies	4,908.40	10,861.37	14,797.27	15,966.73	89.58	46,623.35
Equipment	--	--	--	--	--	8,861.79
Vehicle Rental	--	810.00	450.00	--	--	1,260.00

LABOR

Civilian Overtime	--	--	--	--	--	10,630.96
Civil Eng Work	--	717.45	40.00	41.00	--	798.45
						<u>\$295,509.58</u>

OTHER THAN O&M COSTS

Acft Maint (Mil Labor)	9,514.30	59,592.76	57,577.50	189,783.20	950.40	317,418.16
POL	3,623.20	21,288.10	18,770.70	99,250.10	518.40	143,450.50
Acft Mod (C-130)	83,122.00	--	--	14,610.00	--	97,732.00
AFLC Contract	--	--	--	--	--	30,752.00
Munitions	2,574.80	91,138.40	37,746.82	109,014.42	--	240,474.44
MAC Support	--	--	--	367,472.00	--	367,472.00
					TOTAL	<u>\$1,197,299.10</u>

The figures shown on this page represent project total costs, except for aircraft losses.

TOTAL \$1,492,808.68

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## COSTS PARAMETERS

### TRAVEL AND PER DIEM

The monies for travel and per diem were furnished by each participating organization from their FY 71 budgets. Approximately 85% of the travel and per diem costs were extracted from vouchers. The remaining 15% was estimated.

### AIRCRAFT UTILIZATION

The aircraft utilization costs were computed in accordance with AFM 172-3. Each organization furnishing aircraft absorbed these costs from their FY 71 budgets. Although the Army and Navy compute aircraft utilization costs different from the Air Force, the figures used represent a close estimate of actual accrued costs.

### SUPPLIES, EQUIPMENT AND SERVICES

The funds for supplies, equipment and services came from several different sources. These sources are listed below:

1. Hq USAF OA 160-24 for \$40,000 ..... Used \$17,200.68.
2. USAJFKCENMA, Ft Bragg, NC MIPR #JFK 069-71 for \$44,620.00 ..... Used \$39,921.67.
3. USAFSOF OA S71-7
4. 552 ABEW Wg used \$8,432.19 of their supply funds.
5. AFLC contract to Helocrafter ..... \$30,752.00 (estimate).
6. Contract to Lockheed & Texas Inst. C-130 modification, \$83,122.00 of which \$27,000 was for labor. Contract for demodification of C-130 was \$14,610.00 (estimates).

ARMY COSTS

<u>O&amp;M OTHER</u>	<u>AUGUST</u>	<u>SEPTEMBER</u>	<u>OCTOBER</u>	<u>NOVEMBER</u>	<u>DECEMBER</u>	<u>TOTAL</u>
Travel & Per Diem	--	\$9,507.60	\$9,824.20	\$9,507.60	--	\$28,839.40
Aircraft Maint	--	1,623.30	1,709.40	211.00	--	3,543.70
Supplies	--	7,889.03	11,853.54	3,924.52	--	23,667.09
Equipment	--	--	7,702.23	--	--	7,702.23
Labor and Civilian <sup>1</sup> Overtime	--	--	8,552.35	--	--	<u>8,552.35</u> \$72,304.77

OTHER THAN O&M

Aircraft Maint (Military Labor)	--	5,333.70	5,616.60	759.00	--	11,709.30
POL	--	541.10	569.80	77.00	--	1,187.90
Munitions	--	25,385.12	33,846.82	16,923.42	--	<u>76,155.36</u> \$89,052.56
						<u>\$161,357.33</u>

<sup>1</sup> These funds were provided for by USAJFKCENMA on MIPR #JFK069-71



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DET 2, POPE AFB, NC

<u>O&amp;M OTHER</u>	<u>AUGUST</u>	<u>SEPTEMBER</u>	<u>OCTOBER</u>	<u>NOVEMBER</u>	<u>DECEMBER</u>	<u>TOTAL</u>
Travel & Per Diem	\$ 417.86	\$10,633.37	\$11,311.57	\$11,061.62	\$1,755.76	\$35,180.18
Aircraft Maint	196.00	3,663.00	3,202.70	7,108.20	--	<u>14,169.90</u>
						\$49,350.08

OTHER THAN O&M

Aircraft Maint (Military Labor)	1,350.00	24,300.00	21,117.50	48,585.00	--	95,352.50
POL	504.00	9,324.00	8,257.20	18,093.60	--	<u>36,178.80</u>
						\$131,531.30

Det 2 Pope Total \$180,881.38

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USAFSOF

<u>O&amp;M OTHER</u>	<u>AUGUST</u>	<u>SEPTEMBER</u>	<u>OCTOBER</u>	<u>NOVEMBER</u>	<u>DECEMBER</u>	<u>TOTAL</u>
Travel & Per Diem	\$ 161.87	411.84	296.40	383.62	--	\$ 1,253.73
Aircraft Maint	1,331.40	4,034.00	2,382.80	1,785.00	504.00	10,037.20
<sup>1</sup> Supplies	--	--	--	2,610.01	--	<u>2,610.01</u>
						<u>\$13,900.94</u>
 <u>OTHER THAN O&amp;M</u>						
Aircraft Maint (Military Labor)	3,756.30	14,587.00	11,145.90	6,362.80	950.40	36,802.40
POL	1,708.20	6,825.00	3,717.00	2,999.00	518.40	<u>15,767.60</u>
						<u>\$52,570.00</u>
					TOTAL	<u>\$66,470.94</u>

<sup>1</sup>  
Funds furnished by 1st Special Operations Wing (TAC) OA S71-7



(b)(1)



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552 AIRBORNE EARLY WARNING WG

<u>O&amp;M OTHER</u>	<u>AUGUST</u>	<u>SEPTEMBER</u>	<u>OCTOBER</u>	<u>NOVEMBER</u>	<u>DECEMBER</u>	<u>TOTAL</u>
Aircraft Maint	--	--	--	\$17,140.20	--	\$17,140.20
Supplies	--	--	--	8,432.19	--	8,432.19
Travel & Per Diem	--	--	--	11,132.27	--	<u>11,132.27</u>
						\$36,704.66
<u>OTHER THAN O&amp;M</u>						
Aircraft Maint (Military Labor)	--	--	--	61,769.40	--	61,769.40
POL	--	--	--	31,369.80	--	<u>31,369.80</u>
						\$93,139.20
					TOTAL	\$129,843.86

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7SOS, RAMSTEIN AFB, GERMANY

	<u>AUGUST</u>	<u>SEPTEMBER</u>	<u>OCTOBER</u>	<u>NOVEMBER</u>	<u>DECEMBER</u>	<u>TOTAL</u>
Travel & Per Diem	\$ 995.88	\$5,548.52	\$5,733.47	\$5,548.52	\$1,010.11	\$18,836.50

1198 OE&T, NORTON AFB, CALIF

Travel & Per Diem	44.51	3,975.54	4,840.34	3,193.01	--	12,053.40
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37 ARRTS, DANANG

Travel & Per Diem	--	1,144.92	1,223.88	1,030.86	--	3,399.66
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40 ARRTS, RAMSTEIN, GERMANY

Travel & Per Diem	129.48	1,294.80	1,337.96	735.08	--	3,497.32
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56 SOWG, NKP

Travel & Per Diem	--	1,178.75	1,588.75	1,101.25	--	3,868.75
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HQ USAF

Travel & Per Diem	758.56	3,792.65	3,919.06	3,792.62	2,022.75	14,285.64
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Supplies	4,908.40	2,972.34	2,943.73	1,000.01	89.58	11,914.06
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Equipment	--	--	--	--	--	1,159.56
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Vehicle Rental	--	810.00	450.00	--	--	1,260.00
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Civilian Overtime	--	--	--	--	2,078.61	2,078.61
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Civil Eng Work	--	717.45	40.00	41.00	--	798.45
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ARRTC (MAC), EGLIN AFB, FLA.

<u>O&amp;M OTHER</u>	<u>AUGUST</u>	<u>SEPTEMBER</u>	<u>OCTOBER</u>	<u>NOVEMBER</u>	<u>DECEMBER</u>	<u>TOTAL</u>
Travel & Per Diem	--	--	--	\$958.40	--	\$ 958.40
Aircraft Maint	\$1,273.40	\$5,212.40	\$8,268.90	2,911.60		<u>17,666.30</u> <u>\$18,624.70</u>
<u>OTHER THAN O&amp;M</u>						
Aircraft Maint (Military Labor)	4,408.00	15,372.00	19,697.50	8,359.50	--	47,837.00
POL	1,411.00	4,598.00	6,226.70	2,480.00	--	<u>14,715.70</u>
					TOTAL	<u>\$62,552.70</u>
					TOTAL	<u>\$81,177.40</u>

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<u>O&amp;M OTHER</u>	<u>AUGUST</u>	<u>SEPTEMBER</u>	<u>OCTOBER</u>	<u>NOVEMBER</u>	<u>DECEMBER</u>	<u>TOTAL</u>
		<u>AFLC, ROBINS AFB, GA.</u>				
Travel & Per Diem	--	--	\$250.00	\$340.00	--	\$590.00
		<u>WRIGHT-PATTERSON AFB, OHIO</u>				
Travel & Per Diem	--	--	250.00	340.00	--	590.00

<sup>1</sup>The funds for these items were paid for by HQ USAF, OA 160-24

7AF COST

<u>O&amp;M OTHER</u>	<u>AUGUST</u>	<u>SEPTEMBER</u>	<u>OCTOBER</u>	<u>NOVEMBER</u>	<u>DECEMBER</u>	<u>TOTAL</u>
Travel & Per Diem				N/A		
Aircraft Maint				\$21,633.80		\$21,633.80
 <u>OTHER THAN O&amp;M</u>						
Aircraft Maint (Military Labor)				50,551.50		50,551.50
POL				37,746.70		37,746.70
Munitions				64,432.00		64,432.00
					TOTAL	\$ 152,730.20
					TOTAL	\$ <u>174,363.00</u>

<u>O&amp;M OTHER</u>	<u>SEA NAVY</u>					
Travel & Per Diem				N/A		
Aircraft Maint				5,519.00		5,519.00
 <u>OTHER THAN O&amp;M</u>						
Aircraft Maint (Military Labor)				13,396.00		13,396.00
POL				6,484.00		6,484.00
Munitions				27,659.00		27,659.00
					TOTAL	\$ 47,539.00
					TOTAL	\$ <u>53,058.00</u>

OTHER RELATED COSTS

The Loss of One F-105G	\$5,600,000.00
The Programmed Loss of One HH-3	1,000,000.00
Military Airlift Command Support Costs	367,472.00
Munitions Expenditures by AF During Training	72,228.08

<sup>1</sup>  
Submitted to CSAF ASCB by MAC

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KNOWN FLYING HOURS BY TYPE AIRCRAFT

<u>ACFT</u>	<u>AUGUST</u>	<u>SEPTEMBER</u>	<u>OCTOBER</u>	<u>NOVEMBER</u>	<u>DECEMBER</u>	<u>TOTAL</u>
C-130	6.0	111.0	93.0	215.4	--	425.4
HC-130	6.0	10.7	5.0	2.5	--	24.2
C-123K	5.6	54.3	--	24.0	--	83.9
C-131	--	7.0	--	--	--	7.0
2 EC121T & 1 EC-121G	--	--	--	323.4	--	323.4
T-39	25.2	19.3	15.4	12.8	14.4	87.1
T-29	--	7.0	--	--	--	7.0
A-1E	16.5	79.5	121.3	59.7	--	277.0
O-2A	5.6	3.6	2.2	--	--	11.4
HH-53	21.4	96.2	132.5	96.5	--	346.6
HH-3	6.4	32.5	25.5	40.1	--	104.5
UH-1	--	77.6	81.4	11.0	--	170.0
RC-135M	--	--	--	28.0	--	28.0
KC-135	--	--	--	79.0	--	79.0
F-105G	--	--	--	10.0	--	10.0
F-4G	--	--	--	35.0	--	35.0
RF-4C	--	--	--	2.0	--	2.0
A6	--	--	--	7.0	--	7.0
A7	--	--	--	20.0	--	20.0
F4	--	--	--	6.0	--	6.0
F8	--	--	--	6.0	--	6.0
14 Other	--	--	--	21.0	--	21.0
C-130E	--	--	--	27.4	--	27.4
					TOTAL	<u>2,108.5</u>

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EXTRACT FROM AFM 172-3 USED TO COMPUTE COST PER AIRCRAFT FLYING HOUR

<u>ACFT</u>	<u>CIVIL LABOR</u>	<u>SYSTEMS SUPPORT</u>	<u>GENERAL SUPPORT</u>	<u>MILITARY LABOR</u>	<u>POL</u>
C-123K	7	25	5	103	66
C-130	8	21	4	225	84
O-2A	1	11	2	28	4
A-1E	6	3	1	83	26
HH-53	15	17	3	110	37
H-3	15	31	5	110	18
T-29	11	33	3	85	33
C-131	10	3	1	71	39
T-39	9	23	3	66	36
*EC-121H	16	31	6	191	97
UH-1	5	14	2	69	7
RC-135M	7	38	7	227	231
KC-135	21	86	15	149	231
F-105G	16	126	23	247	143
F-4D	9	79	14	237	144
RF-4C	9	79	14	237	144
A6	19	38	7	277	138
A7	7	72	13	198	101
F-4	9	79	14	237	144
F-8	10	75	12	225	89
Avg Cost for 14 Other (Navy)	10	75	12	225	100

\* Figures used for EC-121T and EC-121G

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84440

CSAF

CA  
FOR MC  
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TAC

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~~SECRET~~ ACBF

SUBJECT: PROJECT IVORY COAST. YOU ARE AUTHORIZED TO INCUR COSTS FOR USAFSOF, EGLIN FOR SUBJECT PROJECT. UPON COMPLETION ADVISE THIS HEADQUARTERS OF COSTS INCURRED AND ANY ADDITIVE FUNDING REQUIRED. GP 4.

DISTR:  
SACSA(3) FILE(1)  
(4) WFF/KW

ACBF, JCTGS -1

'3

(4)

A. N. RHODES, ACBFA, 70081

COORDINATION: JCTGS

ALBERT N. RHODES  
Chief, Operations Maintenance Bt  
Operations Division  
Directorate of Budget

12

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C.A.  
FOR MC  
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HQ COMD USAF

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~~SECRET~~ ACBF

SUBJECT: SPECIAL PROJECT. AUTHORIZE 1198 OERT SQDN, NORTON TO INCUR COSTS FOR A SPECIAL PROJECT. UPON COMPLETION ADVISE THIS HEADQUARTERS OF COSTS INCURRED AND ANY ADDITIVE FUNDING REQUIRED.

GP 4.

DISTR: SACSA(3) FILE(1)  
(4)WFT/RE

ACBF, JCTG5 - 1

3

(4)

A. N. RHODES, ACBFA, 70081

COORDINATION: JCTG5

Chief, Operations Maintenance Br  
Operations Division  
Directorate of Budget

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827 15 25Z

AUTHORIZE 17TH AF TO INCUR ANY COSTS REQUIRED FOR A SPECIAL PROJECT IDENTIFIED DIRECTLY TO 17TH. PASS TO 17TH. UPON COMPLETION ADVISE THIS HEADQUARTERS OF COSTS INCURRED AND ANY ADDITIONAL FUNDING REQUIRED. GP 4.

DISTR: SACSA (3) FILE (1)  
(4) WFT/RE

ACBF, JCTG5-1

3

(4)

A. N. RHODES, ACBFA, 70081

COORDINATION: JCTG 5

A. N. RHODES  
Chief, Maintenance Ex  
Operations Section  
Directorate of Budget



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~~SECRET~~ ACBF

REFERENCE YOUR ACSC R212145Z AUG 70. YOU ARE AUTHORIZED TO INCUR COSTS FOR THIS PROJECT. UPON COMPLETION ADVISE THIS HEADQUARTERS OF COSTS INCURRED AND ANY ADDITIONAL FUNDING REQUIRED. GP 4.

P4STR/RE SACSA(3) FILE(1)

ACBF, JCTG5 - 1  
'3 (4)

A. N. RHODES, ACBFA. 70081  
ALBERT N. RHODES  
Chief, Operations Maintenance Br  
Operations Division  
Directorate of Budget

COORDINATION: JCTG5

8

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CINCPACAF

827 15 25Z

~~SECRET~~ ACBF

REFERENCE D0/CINCPACAF P 200353Z AUG 70. YOU ARE AUTHORIZED TO INCUR COST FOR PROJECT. UPON COMPLETION ADVISE THIS HEADQUARTERS OF COSTS INCURRED AND ANY ADDITIONAL FINANCING REQUIRED. PG 4.

DISTR: SACSA(3)FILE(1)  
(4)WFT/RE

ACBF, JCTG5-1 (4)  
3

A. N. RHODES, ACBFA, 70081

COORDINATION: JCTG5

AMERICAN EXPRESS  
Chief, Operations & Maintenance Div.  
Operations Division  
Directorate of Budget.

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FOR MC  
S...

MAC

827 15 25Z

~~SECRET~~ ACBF

SUBJECT: PROJECT IVORY COAST

YOU ARE AUTHORIZED TO INCUR COSTS FOR MAC CREWS FROM PACOM FOR SUBJECT PROJECT AND TO CHARGE MAC MISSION ACCOUNT FOR ANY AIRLIFT REQUIREMENTS LEVIED UPON MAC IF AIRCRAFT. UPON COMPLETION ADVISE THIS HEADQUARTERS OF COSTS AND ADDITIONAL FUNDING REQUIRED.  
GP 4.

DISTR: SACSA(3) FILE(1)  
(4)WFT/RE

ACBF, JCTG5 - /

3

(4)

A. N. RHODES, ACBPA, 70081

COORDINATION: JCTG5

A. N. RHODES  
Chief, Operations Maintenance Br  
Operations Division



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CSAF

84446

MAC

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FOR 40  
SECRET

~~SECRET~~ ACBF

827 15 25Z

SUBJECT: PROJECT IVORY COAST

YOU ARE AUTHORIZED TO INCUR COSTS BY THE ARRTC EGLIN, AFB FOR SUBJECT PROJECT. UPON COMPLETION ADVISE THIS HEADQUARTERS OF COST AND ADDITIONAL FUNDS REQUIRED. GP 4.

DISTR: SACSA(3) FILE(1)  
(4)WFT/RE

ACBF, JCTG 5-1 (4)  
13

A. N. RHODES, ACBF 70081

COORDINATION: JCTG5

ALBERT N. RHODES  
Chief, Operations Maintenance &  
Operations Division  
Directorate of Budget