

HALEAKALA PROJECT – SYNOPSIS OF COST AND SELECTED PAID BILLS

Expense Synopsis

- First trip to Maui April 14, 1951 to Dec. 9, 1951
- Maui Vocational School expenses: 7/28/1952; 2/16/1953
- Resume of expenses 11/10/1953
- Operations in Hawaii thru October 1954
- Bill of sale, etc. for purchase of 1937 Ford truck

First Trip to Maui,
April 14, 1951 to Dec 9, 1951

Category	Item	Amount	Sum
{ <u>Foundations</u> and <u>Rail</u>	Material	722.11	
	Transportation	197.97	
	Labor	681.13	1601.15
{ <u>Turntable</u>	Material	1786.36	
	Transportation	278.09	
	Labor	82.50	2146.95
{ <u>Building</u> <u>Rehabilitation</u>	Material	235.46	
	Labor	253.50	488.96
{ <u>Power + Heating Plant</u> <u>Installed and Operating</u>			924.32
{ <u>Truck</u>	Cost	265.00	
	92621 - 84993 Insurance and Maintenance	145.43	
	= 7688 miles use 14.7 miles/gallon	338.6 gal of gas	98.56
	3184/mile opr.	185.5 gal of gas	no charge
{ <u>Framework</u> and <u>Bamboo</u> <u>Investigation</u>	39 1/2 pints glue	89.42	
	Writing material	3.28	
	Postage	17.64	
	Chop + test bamboo	30.97	141.31

Category	Item	Amount	Sum
Experimental Equipment	Electronic Apparatus	66.85	
	Pack & Ship Radio	118.55	
	Scientific Material	109.71	295.11
Overhead and Miscellaneous	Years rent on Kala Kala	36.25	
	Workmens Insurance	72.00	
	Unemployment Tax	31.11	
	Social Security	17.28	
	Bank Charges	4.40	
	Tools	67.93	
	Labor on Road & Field ^{Landing}	96.00	
	Others	12.93	337.90
Organiza- tional and Survey	Round trip Flight Chicago to Honolulu	579.83	
	Interisland Flights	89.71	
	Cabs	22.20	
	Phone Bills	27.29	
	Model & Maps	3.30	868.16
	Photography, film & prints	95.83	

Total Project expenses.

April 14, 1951 to Feb 12, 1952

7262.85

MAUI VOCATIONAL SCHOOL
AGENTS FOR RESEARCH CORPORATION

RESUME OF EXPENSES - JULY 28, 1952

<u>CATEGORY</u>	<u>AMOUNT</u>
Final Payment on Power Plant	\$ 242.33
Final Payment on Turntable	348.28
Rent and Taxes on Kole Kole	42.28
Metal Joints for Framework	341.96
Material	\$ 215.31
Labor	126.65
Wood Members for Framework	539.58
Material	346.45
Labor	136.00
Bamboo	57.13
Electronic Apparatus	191.90
Scientific Data & Publications	58.82
Labor on Scientific Calculations	112.00
Maintenance of Building & Power Plant	48.10
Two 32 ft. Magnesium Extension Ladders	163.88
Transportation	338.94
Overhaul Truck	207.53
Gasoline & Oil (4166 miles)	66.15
Taxes and Insurance	58.01
Wash, grease, fix flats, etc.	7.25
	\$ 2423.07
Bank Balance (most of this is committed by unpaid bills)	576.93
INITIAL GRANT	\$ 3000.00

Duncan Sinclair (S)

Duncan Sinclair, Custodian

MAUI VOCATIONAL SCHOOL
AGENTS FOR RESEARCH CORPORATION

RESUME OF EXPENSES - FEBRUARY 16, 1968

Metal Joints for Framework		\$ 439.19
Wooden Members for Framework		847.18
Labor Assembling Framework		851.44
Electronic Apparatus		430.74
Scientific Data & Publications		118.10
Labor on Scientific Calculations		139.31
Building Maintenance & Tools		29.27
Power Plant Repairs and Fuel		144.37
Transportation		444.64
Gasoline & Oil (7000m approx.)	146.74	
Tires	81.34	
License	28.76	
Maintenance and Alterations	187.81	
Miscellaneous		78.05
Rent on Kole Kole	28.00	
Ticket to Honolulu to talk before IRE	19.55	
Ticket to Hilo to climb up Mauna Loa	23.00	
Postage	7.50	
GRAND TOTAL		3522.29
Balance on hand		54.64
	Sum	<u>3576.93</u>
Previous Balance		876.93
Second Grant		5000.00
	Sum	<u>3676.93</u>

Duncan Sinclair (S)
Duncan Sinclair, Custodian

R E S U M E O F E X P E N S E S

November 10, 1953

Electronic Apparatus	723.65
Antennas and their installation	192.29
Tools and building maintenance	72.63

Power plant

Repairs and alterations to eliminate electrical disturbances	503.86	
Fuel and Oil	124.12	627.98

Scientific services

Computations of refractive bending in troposphere	159.98	
Tabulate meteorological data	59.71	
Tabulate ionospheric data	54.62	
Antenna computations	49.00	323.31

Scientific tables, graphs, maps and publications	326.26
--	--------

Transportation, 11000 miles approximately

Gasoline (826.9 gallons) & oil	282.23	
Repairs and maintenance	58.55	
Tires	135.44	
Insurance	61.81	538.03

Other

Kole Kole realestate rent 54.00, taxes 23.35	77.35	
Two trips to Honolulu to talk before the IRE and AGU	71.43	
Trip to Kauai with meteorologists	62.18	
Taxes	24.23	
Stamps	15.30	250.49

Grand Total	\$ 3054.64
-------------	------------

Previous balance	54.64
Third grant	<u>3000.00</u>

Grand total	\$ 3054.64
-------------	------------

Thru October 1954

Operations in Hawaii

at Kolo Kolo.

Rent and Taxes	83.89	
Fuel & Maintenance	178.44	
Operator hire	754.00	10343
		1016.33

Automobile (12000 miles approx)

Taxes & Insurance	43.54	
Gasoline (832 gal) and oil	280.16	
Tires	94.46	
Repairs	115.30	
		533.46

Meteorological Data Analysis	454.00	
Zonographic Tabulations and Plots	190.00	
Archaeology explorations	105.80	
Scientific Literature	88.75	
Parts for Cosmic Static Motor	163.19	
Trip to Kauai & Honolulu 4/20 to 25	90.37	
Trip to Honolulu 7/12 to 17	43.54	
		133.91

Other

Bank Charges	6.06	
Postage & Insurance	36.06	
Photographic Supplies	30.57	
Writing Material	20.87	
		93.56
		<u>2779.00</u>

A Adventure to Australia

Passport and Passage	306.17
Boxes for Apparatus, Freight & Insurance	165.00

Apparatus	
Brush Double Channel Oscillograph	697.00
Estimote Auger Drive	144.32
Special Coils	178.39
Grid Dip Meter	93.19
Small Parts and Tubes	220.52
Express & Duties on Imports	184.13
	1517.55

\$500.00 Travellers Checks	503.75
	<hr/> 2992.47

Synopsis

Operations in Hawaii	2779.00
Adventure to Australia	2492.47
	<hr/> 5271.47

Check from Research Corp 2-10-54	3570.00
Check from Research Corp 8-29-54	1500.00
Cash advance by Grote Riber	201.47
	<hr/> 5271.47