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SUMMARY OF MOTOR VEHICLE OPERATIONS FOR THE

CALENDAR YEAR 1944

by

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This report has been prepared to furnish comparable figures on the operation of the vehicles used by the Institute, and for purposes of comparison with similar reports prepared in 1941, 1942 and 1943 (Reports 752, 752-A, 922). It should be helpful in preparation of monthly requisitions, budget estimates and the amount of gasoline required for any period.

All of the tables are self explanatory. The vehicles used by the Institute are listed in Table 1. The monthly cost of operations for each unit is presented in Tables 2 to 10, inclusive. Table 11 summarizes the total monthly cost of operations. The summary for each vehicle used during 1944 is presented in Table 12.

All Institute vehicles were driven a total of 974 miles more in 1944 than in 1943 (66,215 over 65,241 miles). We also used a total of 192.3 gallons more of gasoline than in 1943. The number of miles per gallon of gasoline for all vehicles in 1944 was 15.4 as compared to 15.9 miles per gallon in 1943. Whether this was due primarily to poorer quality of gasoline or because the vehicles were one year older is not known, but it is assumed that it was due to a combination of both of these factors.

Table 1

List of Institute vehicles used in 1944

License number	Total mileage to date	Total cost of operations to date	Year	Make	Body style
16	Loaned to Harrietta Hatchery		1938	Ford	1 1/2-ton stake-hoist truck
24	26,558	388.88	1942	Chevrolet	1/2-ton sedan delivery truck
28	60,393	1,112.94	1941	Chevrolet	1/2-ton sedan delivery truck
33	63,399	1,177.28	1938	Chevrolet	1/2-ton panel truck
34	27,592	824.44	1939	Ford	1 1/2-ton panel truck
35	33,970	717.82	1939	Ford	1 1/2-ton panel truck
44	54,351	853.67	1941	Chevrolet	Suburban carryall
45	57,787	795.74	1941	Chevrolet	Coupe
47	21,643	425.99	1941	Chevrolet	3/4-ton panel truck

Table 2

License number 16 (Ford stake-hoist truck)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (quarts)	Cost of oil	Cost of tires and tubes	Cost of repairs, grease and accessories	Mileage during month	Total cost during month
February	10.0	1.70	...	...	...	...	20	1.70
April	82.5	13.38	6	0.96	...	2.34	655	16.68
August	17.0	2.96	...	...	...	...	45	2.96
September	56.0	10.08	...	...	...	...	343	10.08
October	45.0	8.10	...	...	...	0.50	196	8.60
Totals	210.5	36.22	6	0.96	...	2.84	1,259	40.02

↓ This truck was turned over to Mr. Ralph Marks for use at the Harrietta Hatchery during May, June, July and November and December.

Table 3

License number 24 (Chevrolet sedan delivery truck)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (quarts)	Cost of oil	Cost of tires and tubes	Cost of repairs, grease and accessories	Mileage during month	Total cost during month
January	...	...	...	...	...	...	109	...
February	15.0	2.70	1	0.30	...	...	152	3.00
March	29.0	5.17	...	...	...	...	503	5.17
April	42.2	7.91	1	0.26	...	...	756	8.17
May	55.9	10.01	5	1.55	...	3.50	971	15.06
June	55.3	9.90	1	0.18	1.50	...	806	11.58
July	52.9	9.38	...	...	...	0.70	954	10.08
August	79.9	15.90	5	1.60	...	2.20	959	19.70
September	82.0	14.51	2	0.50	1.00	...	1,417	16.01
October	64.5	11.46	2	0.30	4.75	...	1,257	16.51
November	50.5	9.30	1	0.25	...	...	657	9.55
December	31.0	5.58	5	1.75	0.10	26.79	420	34.22
Totals	558.2	101.82	23	6.69	7.35	33.19	8,961	119.05

Table 4

License number 28 (Chevrolet sedan delivery truck)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (quarts)	Cost of oil	Cost of tires and tubes	Cost of repairs, grease and accessories	Mileage during month	Total cost during month
January	...	...	...	...	...	...	76	...
February	21.0	3.93	...	...	0.50	0.34	531	4.77
March	37.6	7.28	5	1.35	14.30	...	502	22.93
April	100.7	18.54	6	1.26	...	4.40	2,114	24.20
May	76.9	14.01	9	2.19	0.75	1.26	1,465	18.21
June	121.0	23.18	8	1.95	13.87	10.14	2,607	49.14
July	166.8	32.82	17	4.86	40.32	10.95	3,458	88.95
August	34.4	6.78	7	1.89	7.90	2.50	632	19.07
September	32.0	6.03	2	0.30	...	...	408	6.33
October	81.0	14.82	4	0.72	...	3.27	1,776	18.81
November	62.5	11.71	4	0.96	...	5.16	1,044	17.83
December	21.7	4.16	6	1.77	...	5.37	300	11.30
Totals	755.6	143.26	68	17.25	77.64	43.39	14,913	281.54

Table 5

License number 33 (Chevrolet panel truck)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (quarts)	Cost of oil	Cost of tires and tubes	Cost of repairs, grease and accessories	Mileage during month	Total cost during month
January	29.4	5.15	...	...	...	6.27	223	11.42
February	13.5	2.35	...	...	...	1.40	192	3.75
March	40.0	6.80	4	0.98	...	...	362	7.78
April	20.0	2.73	...	...	...	...	248	2.73
May	45.0	8.57	2	0.51	...	...	674	9.08
June	45.0	8.55	6	1.75	1.50	1.65	492	13.45
July	40.0	7.60	1	0.25	...	...	543	7.85
August	45.0	8.55	6	1.79	...	13.31	530	23.65
September	40.0	7.63	2	0.54	...	...	515	8.17
October	54.0	9.62	6	1.18	6.25	13.15	890	30.20
November	34.0	6.18	...	...	...	...	331	6.18
December	29.0	5.22	5	1.75	...	12.40	363	19.37
Totals	434.9	78.95	32	8.75	7.75	48.18	5,363	143.63

Table 6

License number 34 (Ford panel truck)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (quarts)	Cost of oil	Cost of tires and tubes	Cost of repairs, grease and accessories	Mileage during month	Total cost during month
January	69.0	12.42	2	0.30	...	...	631	12.72
February	82.0	14.76	9	1.35	...	2.60	703	18.71
March	8.3	1.60	...	...	1.51	...	12	3.11
June	71.5	12.71	5	1.23	...	2.72	654	16.66
July	104.0	18.82	9	1.87	0.75	...	947	21.44
August	69.0	12.12	7	1.79	...	3.63	612	17.54
September	42.0	7.94	1	0.31	...	...	318	8.25
October	...	...	...	...	...	1.44	1	1.44
December	9.5	1.82	...	...	...	12.67	14	14.49
Totals	455.3	82.19	33	6.85	2.26	23.06	3,892	114.36

Table 7

License number 35 (Ford panel truck)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (quarts)	Cost of oil	Cost of tires and tubes	Cost of repairs, grease and accessories	Mileage during month	Total cost during month
January	62.0	11.16	2	0.30	...	0.70	513	12.16
February	40.0	7.20	...	...	...	14.75	335	21.95
June	31.2	5.45	1	0.30	...	2.00	298	7.75
July	45.0	7.65	1	0.25	...	...	604	7.90
August	75.0	12.75	5	1.50	...	...	813	14.25
September	7.7	1.48	...	...	...	...	34	1.48
October	...	...	...	...	...	1.44	2	1.44
December	13.0	2.40	5	1.50	...	15.94	103	19.84
Totals	273.9	48.09	14	3.85	...	34.83	2,702	86.77

Table 8

License number 44 (Chevrolet suburban carryall)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (quarts)	Cost of oil	Cost of tires and tubes	Cost of repairs, grease and accessories	Mileage during month	Total cost during month
January	66.0	11.88	...	...	0.65	1.25	1,059	13.78
February	51.7	9.53	3	0.81	...	...	833	10.34
March	79.0	14.73	5	1.35	...	1.00	1,368	17.08
April	65.0	11.98	2	0.42	...	...	1,321	12.40
May	67.0	12.48	7	1.80	2.90	2.50	1,140	19.68
June	68.0	12.91	7	1.77	0.50	1.00	1,115	16.18
July	52.0	9.52	2	0.54	24.51	14.20	1,112	48.77
August	60.7	11.30	1	0.27	53.96	...	1,134	65.53
September	82.3	15.63	5	1.50	1.15	24.65	1,341	42.93
October	31.0	5.64	1	0.15	...	3.44	612	9.23
November	25.0	4.65	...	...	1.25	...	567	5.90
December	41.0	7.72	6	1.65	...	0.36	546	9.73
Totals	688.7	127.97	39	10.26	84.92	48.40	12,148	271.55

Table 9

License number 45 (Chevrolet coupe)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (quarts)	Cost of oil	Cost of tires and tubes	Cost of repairs, grease and accessories	Mileage during month	Total cost during month
January	38.4	7.25	4	1.13	...	1.50	911	9.88
February	73.0	13.77	5	1.11	0.25	...	1,419	15.13
March	...	...	...	...	...	...	2	...
April	30.0	5.64	7	1.92	...	4.25	575	11.81
May	119.2	22.56	6	1.64	19.85	3.45	2,530	47.50
June	110.0	21.46	5	1.44	...	2.68	2,170	25.58
July	20.0	3.81	...	...	...	...	227	3.81
August	125.0	23.79	8	1.93	10.76	2.50	2,387	38.98
September	85.0	15.87	3	0.57	...	2.50	1,837	18.94
October	35.0	6.50	...	...	1.50	1.44	556	9.44
November	48.0	8.81	6	1.50	20.96	2.59	994	33.86
December	51.6	9.95	6	1.62	1.75	7.33	762	20.65
Totals	735.2	139.41	50	12.86	55.07	28.24	14,370	235.58

Table 10

License number 47 (Chevrolet panel truck)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (quarts)	Cost of oil	Cost of tires and tubes	Cost of repairs, grease and accessories	Mileage during month	Total cost during month
January	48.5	7.96	6	1.80	...	3.22	747	12.98
February	39.0	6.92	...	...	...	...	499	6.92
March	18.3	3.45	6	1.77	4.50	12.50	310	22.22
April	8.0	1.44	...	...	...	...	204	1.44
May	30.0	5.46	...	...	...	...	485	5.46
June	24.3	4.57	1	0.27	...	...	314	4.84
September	...	...	...	...	...	2.08	4	2.08
October	...	...	...	...	...	10.44	9	10.44
November	...	...	...	...	...	...	20	...
December	5.0	0.96	5	1.50	1.50	16.92	15	20.88
Totals	173.1	30.76	18	5.34	6.00	45.16	2,607	87.26

Table 11

Monthly cost of operations  
for all vehicles during 1944

Month	Gasoline (gallons)	Cost of gasoline	Oil (quarts)	Cost of oil	Cost of tires and tubes	Cost of repairs, grease and accessories	Total mileage	Total cost
January	313.3	55.82	14	3.53	0.65	12.94	4,269	72.94
February	345.2	62.86	18	3.57	0.75	19.09	4,684	86.27
March	212.2	39.03	20	5.45	20.31	13.50	3,059	78.29
April	348.4	61.62	22	4.82	...	10.99	5,873	77.43
May	394.0	73.09	29	7.69	23.50	10.71	7,265	114.99
June	526.3	98.73	34	8.89	17.37	20.19	8,456	145.18
July	480.7	89.60	30	7.77	65.58	25.85	7,845	188.80
August	506.0	94.15	39	10.77	72.62	24.14	7,112	201.68
September	427.0	79.17	15	3.72	2.15	29.23	6,217	114.27
October	310.5	56.14	13	2.35	12.50	35.12	5,299	106.11
November	220.0	40.65	11	2.71	22.21	7.75	3,613	73.32
December	201.8	37.81	38	11.54	3.35	97.78	2,523	150.48
Totals	4,285.4	788.67	283	72.81	240.99	307.29	66,215	1,409.76

Table 12

Summary of individual motor vehicle operations for 1944

License number	Gasoline (gallons)	Cost of gasoline	Oil (quarts)	Cost of oil	Cost of tires and tubes	Cost of repairs, grease and accessories	Mileage during 1944	Cost of opera- tions 1944	Miles per gallon gasoline	Total cost per mile
16	210.5	36.22	6	0.96	...	2.84	1,259	40.02	6.0	3.2
24	558.2	101.82	23	6.69	7.35	33.19	8,961	149.05	16.1	1.7
28	755.6	143.26	68	17.25	77.64	43.39	14,913	281.54	19.7	1.9
33	434.9	78.95	32	8.75	7.75	48.18	5,363	143.63	12.3	2.7
34	455.3	82.19	33	6.85	2.26	23.06	3,892	114.36	8.5	2.9
35	273.9	48.09	14	3.85	...	34.83	2,702	86.77	9.9	3.2
44	688.7	127.97	39	10.26	84.92	48.40	12,148	271.55	17.6	2.2
45	735.2	139.41	50	12.86	55.07	28.24	14,370	235.58	19.5	1.6
47	173.1	30.76	18	5.34	6.00	45.16	2,607	87.26	15.1	3.3
Totals or averages	4,285.4	788.67	283	72.81	240.99	307.29	66,215	1,409.76	15.4	2.1

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