



Report of the
Department of Military Affairs
to the
State Administration and Veterans Affairs

Interim Committee of the Montana Legislature as
required by Montana Code Annotated § 10-3-802
regarding grants to the Civil Air Patrol.

Submitted November 10, 2020

DEPARTMENT OF MILITARY AFFAIRS STATE OF MONTANA



Disaster & Emergency Services Division

ARMED FORCES RESERVE CENTER
1956 MT MAJO STREET - PO BOX 4789
FORT HARRISON, MONTANA 59636-4789
406.324.2777



THE HONORABLE STEVE BULLOCK
GOVERNOR

MAJOR GENERAL MATTHEW T. QUINN
ADJUTANT GENERAL

October 10, 2020

MEMORANDUM FOR RECORD

SUBJECT: 10-3-802 (Temporary) Grants – Civil Air Patrol – Reporting Requirements

Montana Disaster and Emergency Services Division, Department of Military Affairs, in accordance with HB 676, MCA 10-3-802, is providing the following information: for SFY20:

1. Extent to which counties are informed on the services provided by the civil air patrol:
 - a. CAP is planning to mail cell phone forensics pamphlets, DAART (real time video feed) pamphlets, SAR pamphlets, and others as funding allows. CAP participated in the SAR board meeting at the state level and have a member on the SAR board in Gallatin County. They have gone to Community Organizations Active in Disasters (COAD) and started to build relationships and work on future plans for CAP to be more involved in SAR. This will provide an asset to counties and assist them in cost savings. CAP is working with Montana Aeronautics by taking an active role in offering them resources for missing aircraft missions as well.
2. The extent to which the CAP is used by counties for search and rescue operations:
 - a. CAP was utilized in four (4) search and rescue events. One (1) included usage of cell phone forensics, and the other three (3) provided air support as well as communication relay for teams who did not have cell or repeater service.
 - b. See list of services (not all SAR) – State Grant Report
3. The amount of savings realized by counties who have used the civil air patrol for search and rescue operations:
 - a. The national standard to calculate the value if other corporations had provided the resource were used to determine cost savings for SAR missions using CAP
 - Personnel: Total cost savings for personnel in the last grant cycle was \$36,436.40. The volunteer rate of \$23.66 per member hour was used to calculate costs. Costs can also be calculated by federal pay grade equivalents to military grade of like hours. CAP uses the average national volunteer hours to report to Congress. See State Grant Report.
 - Aircraft: Total cost savings for Aircraft was \$3,135.00. Aircraft calculations are broken up based on the crewing of the aircraft and the rental of the resource. A commercial plane rental is approximately \$165/hour. The standard pilot AD rate for FEMA is \$28/hour. Montana Civil Air Patrol planes are \$128/hour, on average. Depending on the mission, this cost can be waived. Counties rarely incur costs on an airborne asset for search and communications. See State Grant Report.
 - Cell phone forensics is unique and cannot be quantified effectively because it is used to help narrow the search instead of wasting searchers time. The CAP cell phone forensics team hours were included as part of personnel costs.

- Unfortunately, due to the COVID-19 pandemic, membership has declined due to the inability to recruit or hold regular meetings. Currently, a proposed budget for FY 2021 funding is being drafted.

For more information contact Montana Disaster and Emergency Services at mtdes@mt.gov or 406-324-4777.



Delila Bruno
Administrator
Disaster and Emergency Services Division

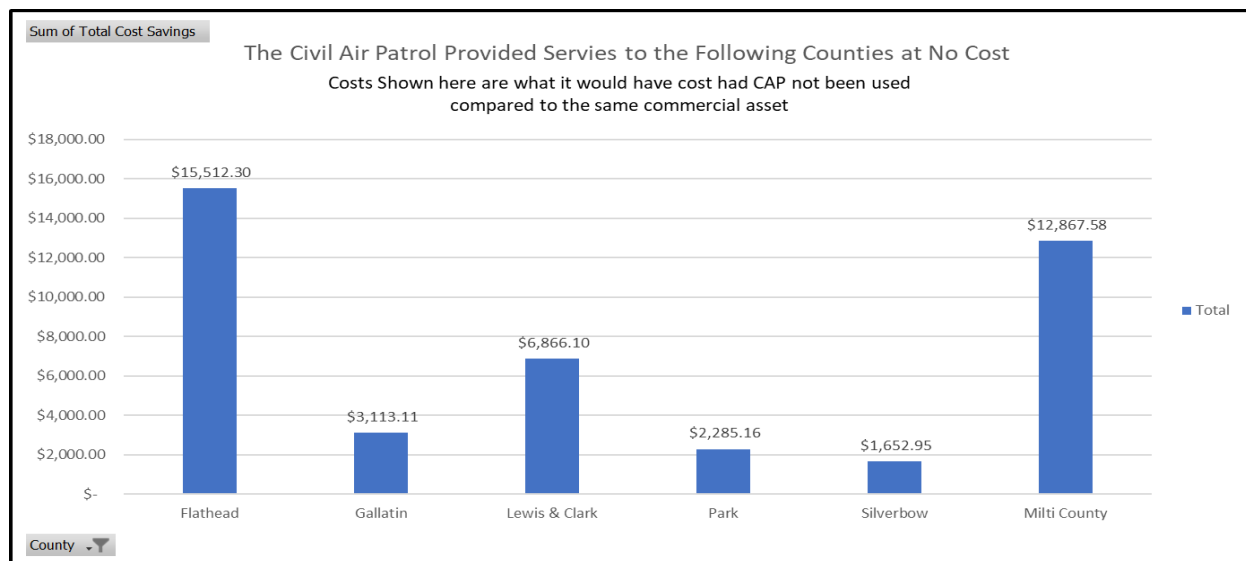
Encl: CAP State Grant Report



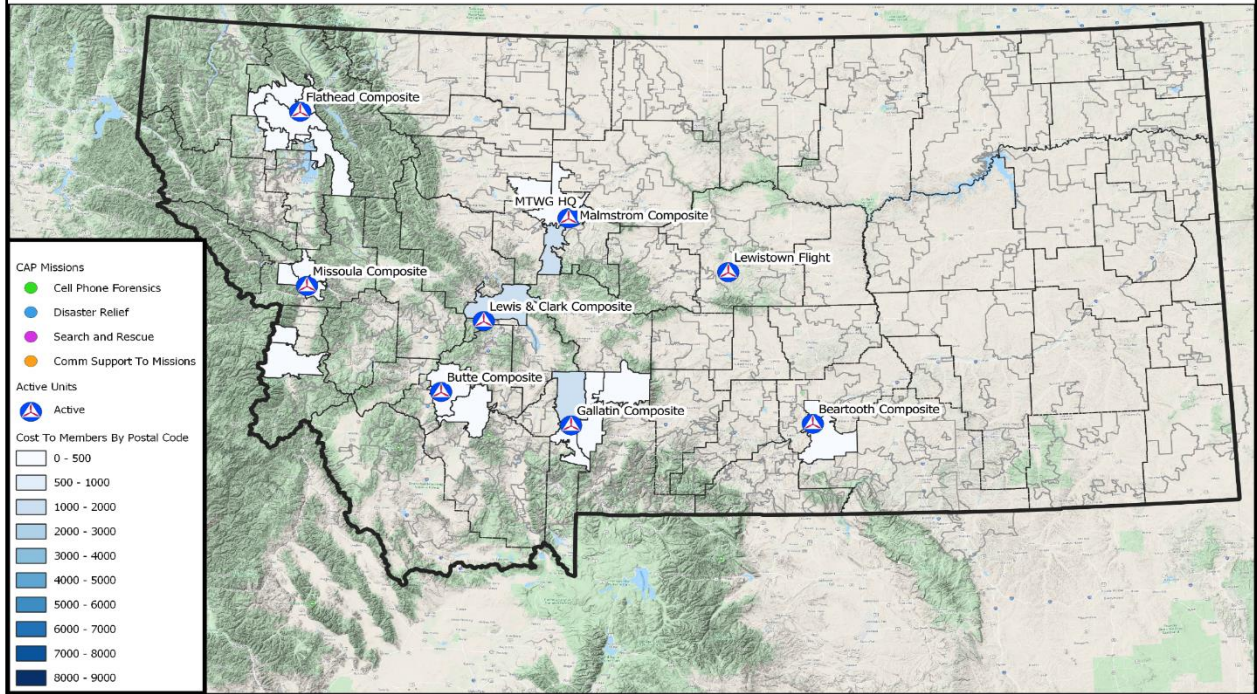
CAP State Grant Report

Cost Per Volunteer Hour \$ 23.66
 CAP Corporate Airplane Average
 Cost/HR \$ 128.00
 National Average for Fixed Wing \$ 165.00
 National Avg Crew \$ 28.00

Mission	County	CAP Personnel Volunteer Hours \$0/Hr	CAP Aircraft Cost/Hr	Commercial Personnel Cost/Hr	Other Commercial Aircraft Cost/Hr	Personnel Cost Savings	Aircraft Cost Savings	Total Cost Savings
Emigrant Missing Jogger	Park	12	\$ -	\$ 336.00	\$ 165.00	\$ 283.92	\$ 1,980.00	\$ 2,263.92
Big Sky Snowmobiler	Gallatin	3	\$ -	\$ 84.00	\$ 165.00	\$ 70.98	\$ 495.00	\$ 565.98
Missing Alzhymers	Gallatin	2	\$ -	\$ -	\$ -	\$ 47.32	\$ -	\$ 47.32
Comm Support from Helena	Gallatin	3	\$ -	\$ -	\$ -	\$ 70.98	\$ -	\$ 70.98
COVID Wing HQ	Milti County	480	\$ -	\$ -	\$ -	\$ 11,356.80	\$ -	\$ 11,356.80
COVID Malmstrom	Milti County	8	\$ -	\$ -	\$ -	\$ 189.28	\$ -	\$ 189.28
COVID Missoula	Milti County	18	\$ -	\$ -	\$ -	\$ 425.88	\$ -	\$ 425.88
COVID Butte	Silverbow	65	\$ -	\$ -	\$ -	\$ 1,537.90	\$ -	\$ 1,537.90
COVID Gallatin	Gallatin	65	\$ -	\$ -	\$ -	\$ 1,537.90	\$ -	\$ 1,537.90
COVID Flathead	Flathead	610	\$ -	\$ -	\$ -	\$ 14,432.60	\$ -	\$ 14,432.60
COVID Helena	Lewis & Clark	270	\$ -	\$ -	\$ -	\$ 6,388.20	\$ -	\$ 6,388.20
TeePee Creek Missing Person	Gallatin	4	\$ -	\$ 112.00	\$ 165.00	\$ 94.64	\$ 660.00	\$ 754.64



Civil Air Patrol State Funds Distribution to Members By Postal Code



Civil Air Patrol Costs Saved To Counties



Notification Events To Counties

