

Bristol Fire Department

Engine 4

2020

Year End Report

Prepared by Captain Correll

Engine 4 Year End Report 2020

Summary

Engine 4 responded to 696 calls during the year. Attached is a summary of the calls by type.

Personnel

This has been an unusual year to say the least. The COVID-19 pandemic will be something we talk about for generations. I want to take time to acknowledge all the hard work of all the people here are Engine 4. We asked a lot of them all, to work in ever changing conditions, and stay on top of a flood of new policies and procedures. In addition, we asked that they leave their isolated families at home to risk exposure while responding to emergencies in other people's homes and business. They all took this risk and added work in stride and continued to provide a high level of professionalism in getting the job done. I thank them for that.

Apparatus/Equipment

Engine 4's gas powered unit, that supplies hydraulic power to our vehicle extraction tools, failed its annual test. The need was quickly identified, and the funds secured to order the new units. The hydraulic gas powered unit will be replaced by more powerful and portable hydraulic tools. I thank all who made this possible. I know these types of unexpected large purchases can be a burden to the budget. The support we received in moving this along in a timely manner was noticed by all Engine 4 personnel. We all took it as an acknowledgment of the value you all see in our job and making sure we have the tools required to do it well and in a safe manner.

The Pierce Engine continues to serve us as a quality apparatus. The reliability, functionality, and technology incorporated in its design has offered us a safe reliable workhorse.

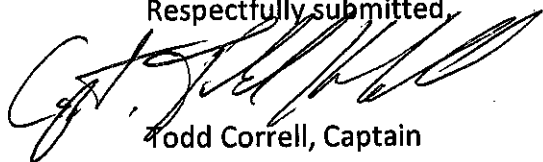
Fire Stations/Facilities

The firehouse continues to shine. It has served as a great training ground for the department and for the public, as several outside agencies have used the facility. Engine 4 hosted several classes this year. The larger ones were the Fire Officer and Instructor programs. This was attended not just by Bristol personnel, but by several outside department members. In addition to classes and public events Engine 4 has been called upon several times this year to house additional staff due to COVID-19. Multiple times houses need to be shut down till they could be cleaned. The crews set up cots and converted the training room into a make shift berthing area.

Miscellaneous

In last year's report I wrote "There are many changes coming this year" boy did that turn out to be an understatement. We have been through the challenges and stress of COVID-19 and the uncertain future of personnel changes. One thing is for sure the men and women of the department will continue to work hard and step up to meet new challenges. As we enter this time of transition I am hopeful for the future of the department.

Respectfully submitted,



Todd Correll, Captain

Bristol Incident Type Report (Summary)-by Unit

Alarm Date Between {01/01/2020} And {12/31/2020}
and Unit In "E4 "

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
	1	0.14%	\$0	0.00%
	1	0.14%	\$0	0.00%
1 Fire				
100 Fire, Other	7	1.00%	\$4,700	0.41%
111 Building fire	24	3.44%	\$936,650	81.95%
113 Cooking fire, confined to container	26	3.73%	\$1,750	0.15%
114 Chimney or flue fire, confined to chimney	3	0.43%	\$0	0.00%
116 Fuel burner/boiler malfunction, fire	3	0.43%	\$500	0.04%
118 Trash or rubbish fire, contained	3	0.43%	\$1,000	0.08%
131 Passenger vehicle fire	9	1.29%	\$112,010	9.80%
140 Natural vegetation fire, Other	3	0.43%	\$25	0.00%
141 Forest, woods or wildland fire	2	0.28%	\$0	0.00%
142 Brush or brush-and-grass mixture fire	7	1.00%	\$500	0.04%
151 Outside rubbish, trash or waste fire	2	0.28%	\$3,800	0.33%
154 Dumpster or other outside trash receptacle	5	0.71%	\$44,500	3.89%
160 Special outside fire, Other	1	0.14%	\$250	0.02%
161 Outside storage fire	2	0.28%	\$29,000	2.53%
162 Outside equipment fire	1	0.14%	\$1,000	0.08%
	98	14.08%	\$1,135,685	99.36%
2 Overpressure Rupture, Explosion, Overheat(no fire)				
251 Excessive heat, scorch burns with no	2	0.28%	\$0	0.00%
	2	0.28%	\$0	0.00%
3 Rescue & Emergency Medical Service Incident				
311 Medical assist, assist EMS crew	18	2.58%	\$0	0.00%
321 EMS call, excluding vehicle accident with	1	0.14%	\$0	0.00%
322 Motor vehicle accident with injuries	34	4.88%	\$0	0.00%
323 Motor vehicle/pedestrian accident (MV Ped)	1	0.14%	\$0	0.00%
324 Motor Vehicle Accident with no injuries	20	2.87%	\$5,200	0.45%
331 Lock-in (if lock out , use 511)	7	1.00%	\$0	0.00%
350 Extrication, rescue, Other	1	0.14%	\$0	0.00%
351 Extrication of victim(s) from	1	0.14%	\$0	0.00%
352 Extrication of victim(s) from vehicle	3	0.43%	\$0	0.00%
353 Removal of victim(s) from stalled elevator	1	0.14%	\$0	0.00%
357 Extrication of victim(s) from machinery	1	0.14%	\$0	0.00%

Bristol Incident Type Report (Summary)-by Unit

Alarm Date Between {01/01/2020} And {12/31/2020}
and Unit In "E4 "

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
3 Rescue & Emergency Medical Service Incident	88	12.64%	\$5,200	0.45%
4 Hazardous Condition (No Fire)				
400 Hazardous condition, Other	6	0.86%	\$0	0.00%
410 Combustible/flammable gas/liquid condition,	3	0.43%	\$0	0.00%
411 Gasoline or other flammable liquid spill	4	0.57%	\$0	0.00%
412 Gas leak (natural gas or LPG)	16	2.29%	\$0	0.00%
413 Oil or other combustible liquid spill	3	0.43%	\$0	0.00%
421 Chemical hazard (no spill or leak)	1	0.14%	\$0	0.00%
422 Chemical spill or leak	3	0.43%	\$0	0.00%
424 Carbon monoxide incident	16	2.29%	\$0	0.00%
440 Electrical wiring/equipment problem, Other	13	1.86%	\$0	0.00%
441 Heat from short circuit (wiring),	2	0.28%	\$0	0.00%
442 Overheated motor	5	0.71%	\$0	0.00%
443 Breakdown of light ballast	1	0.14%	\$0	0.00%
444 Power line down	12	1.72%	\$0	0.00%
445 Arcing, shorted electrical equipment	10	1.43%	\$0	0.00%
460 Accident, potential accident, Other	1	0.14%	\$0	0.00%
461 Building or structure weakened or collapsed	1	0.14%	\$0	0.00%
463 Vehicle accident, general cleanup	47	6.75%	\$0	0.00%
471 Explosive, bomb removal (for bomb scare,	1	0.14%	\$0	0.00%
	145	20.83%	\$0	0.00%
5 Service Call				
500 Service Call, other	1	0.14%	\$0	0.00%
510 Person in distress, Other	4	0.57%	\$0	0.00%
511 Lock-out	29	4.16%	\$0	0.00%
520 Water problem, Other	2	0.28%	\$0	0.00%
521 Water evacuation	1	0.14%	\$0	0.00%
522 Water or steam leak	2	0.28%	\$0	0.00%
531 Smoke or odor removal	14	2.01%	\$0	0.00%
542 Animal rescue	1	0.14%	\$0	0.00%
551 Assist police or other governmental agency	6	0.86%	\$0	0.00%
552 Police matter	2	0.28%	\$0	0.00%
553 Public service	1	0.14%	\$0	0.00%
561 Unauthorized burning	18	2.58%	\$0	0.00%
	81	11.63%	\$0	0.00%

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Bristol Incident Type Report (Summary)-by Unit

**Alarm Date Between {01/01/2020} And {12/31/2020}
and Unit In "E4 "**

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
6 Good Intent Call				
600 Good intent call, Other	19	2.72%	\$2,000	0.17%
611 Dispatched & cancelled en route	13	1.86%	\$0	0.00%
622 No Incident found on arrival at dispatch	4	0.57%	\$0	0.00%
631 Authorized controlled burning	1	0.14%	\$0	0.00%
650 Steam, Other gas mistaken for smoke, Other	3	0.43%	\$0	0.00%
651 Smoke scare, odor of smoke	3	0.43%	\$0	0.00%
653 Smoke from barbecue, tar kettle	2	0.28%	\$0	0.00%
671 HazMat release investigation w/no HazMat	7	1.00%	\$0	0.00%
	52	7.47%	\$2,000	0.17%
7 False Alarm & False Call				
700 False alarm or false call, Other	14	2.01%	\$0	0.00%
710 Malicious, mischievous false call, Other	5	0.71%	\$0	0.00%
730 System malfunction, Other	7	1.00%	\$0	0.00%
731 Sprinkler activation due to malfunction	4	0.57%	\$0	0.00%
733 Smoke detector activation due to	28	4.02%	\$0	0.00%
734 Heat detector activation due to malfunction	2	0.28%	\$0	0.00%
735 Alarm system sounded due to malfunction	24	3.44%	\$0	0.00%
736 CO detector activation due to malfunction	3	0.43%	\$0	0.00%
740 Unintentional transmission of alarm, Other	27	3.87%	\$0	0.00%
741 Sprinkler activation, no fire -	7	1.00%	\$0	0.00%
743 Smoke detector activation, no fire -	38	5.45%	\$0	0.00%
744 Detector activation, no fire -	19	2.72%	\$0	0.00%
745 Alarm system activation, no fire -	48	6.89%	\$0	0.00%
746 Carbon monoxide detector activation, no CO	3	0.43%	\$0	0.00%
	229	32.90%	\$0	0.00%

Total Incident Count: 696

Total Est Loss: \$1,142,885