

AFRCC

AIR FORCE RESCUE COORDINATION CENTER

2005 ANNUAL REPORT



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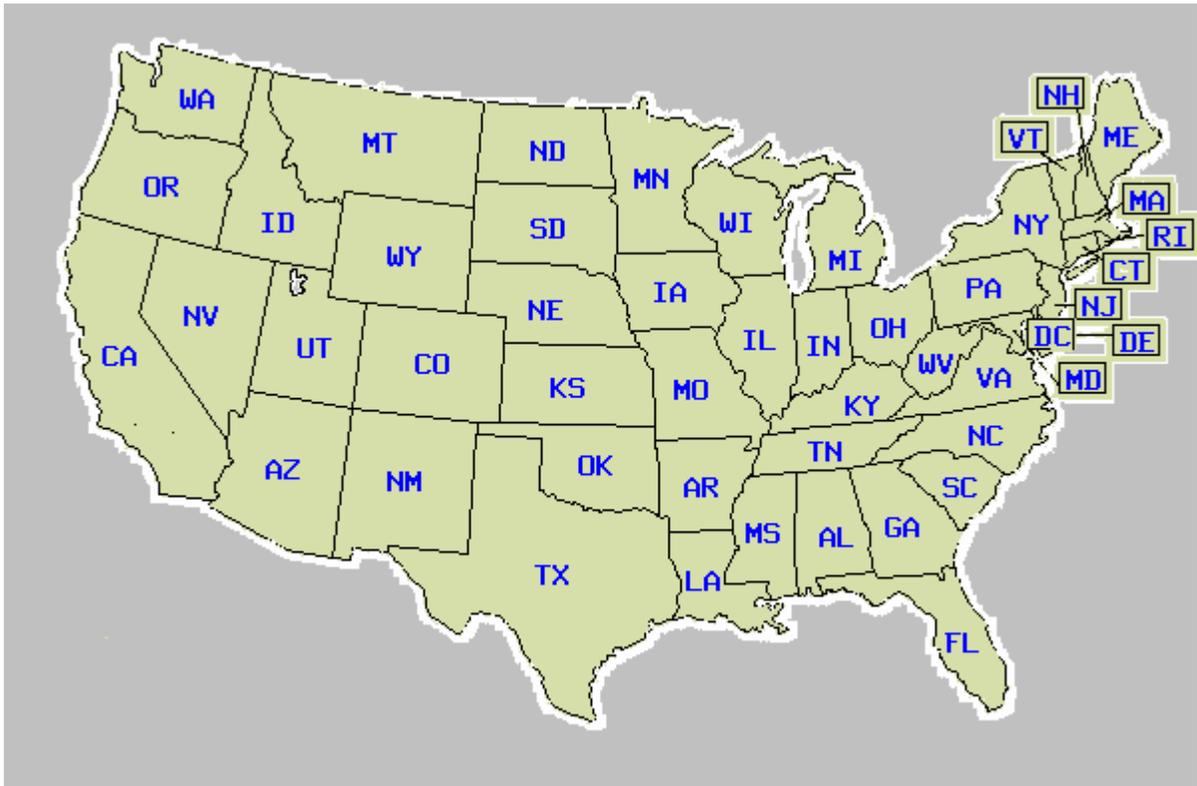


AFRCC Mission Statement:

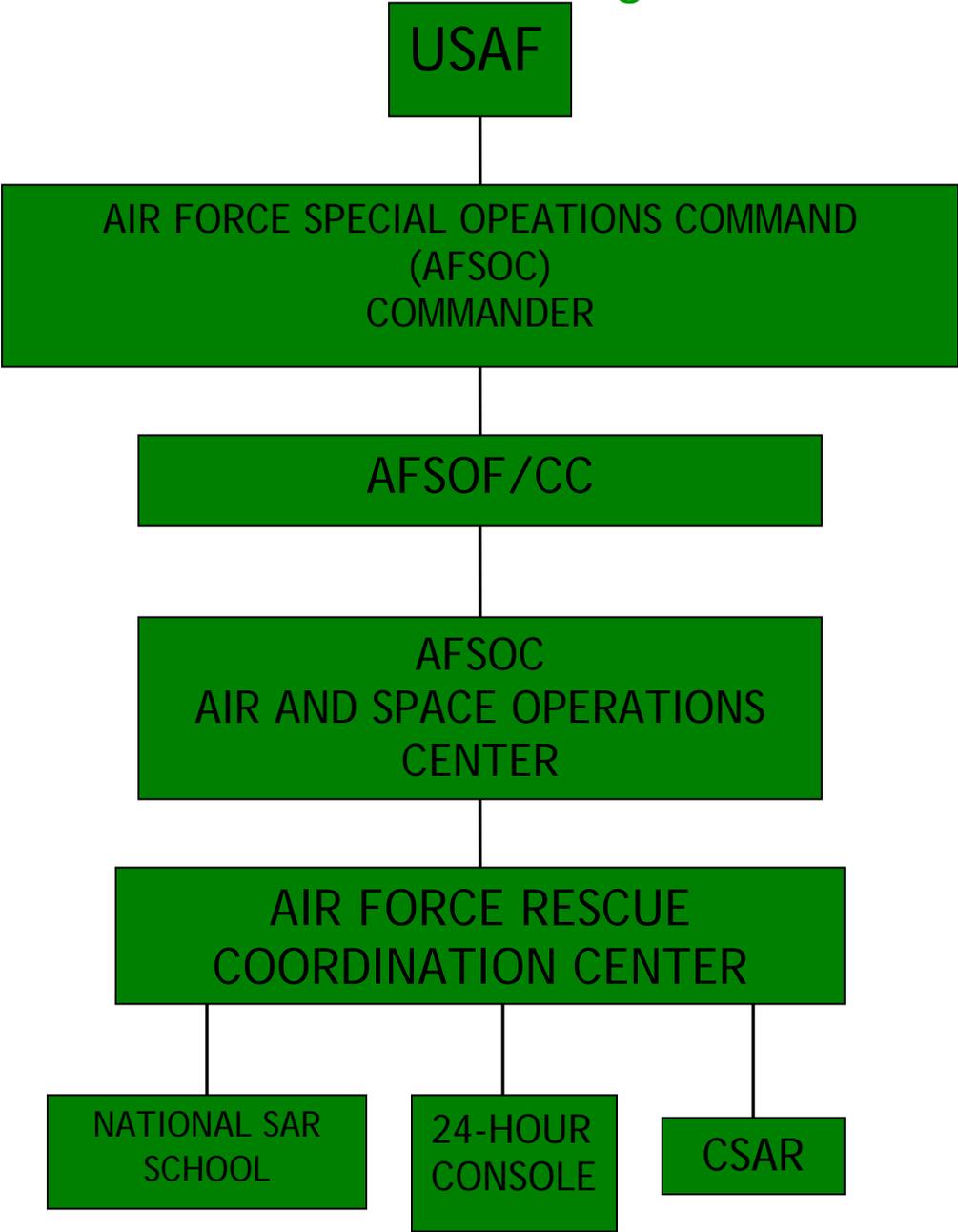
Continuously building a coordinated Search and Rescue network
ensuring timely, effective lifesaving operations
Whenever and wherever needed.

AFRCC CHARTER

In 1956, the National Search and Rescue Plan was published establishing a crucial link between military resources, their unique recovery capabilities, and the civilian sector chartered to respond to those in need. This plan established the United States Air Force as the Executive Agent for Inland Search and Rescue, covering the continental United States, less the major navigable waterways. As of 31 December 2005 75,839 search and rescue missions have been performed, resulting in 13,940 lives saved.



Organization



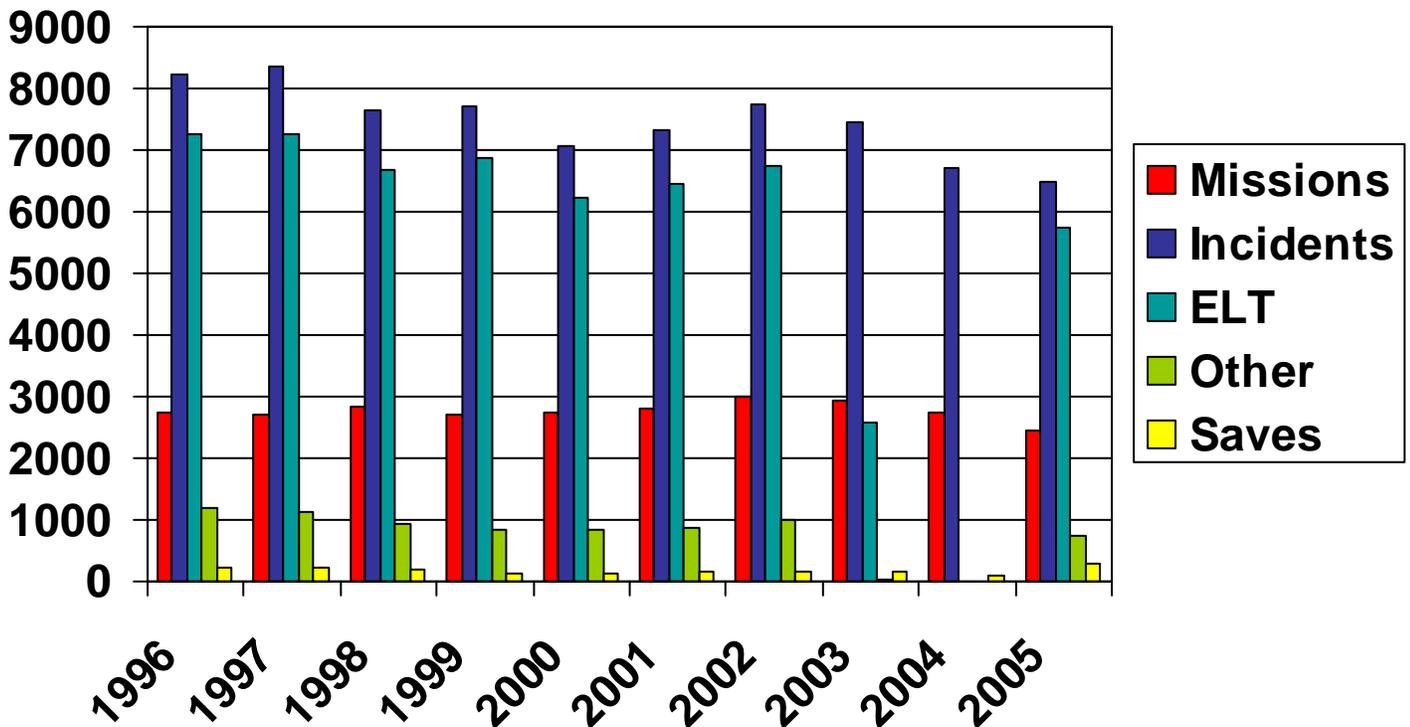
2005 AFRCC YEARLY ACTIVITY

TABLE 1

Our yearly activity table shows the total number of missions and incidents the AFRCC has worked over the past nine years. Of the total number of incidents and missions worked, the number of saves accumulated for each year is shown.

MISSIONS: A Search and Rescue event in which a federal asset has been used.
INCIDENTS: A Search and Rescue event prosecuted without using a federal asset.
SAVES: Total number of lives saved for each year.

YEAR	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MISSIONS	2734	2699	2851	2719	2739	2814	2989	2937	2734	2441
INCIDENTS	8234	8369	7639	7717	7062	7333	7728	7465	6697	6500
SAVES	313	237	202	119	129	149	173	154	107	275



The personnel distribution table depicts the type of missions worked by the AFRCC and the results of any personnel involved in the case.

ASSIST: Objective located and in distress, but not a life-or-death situation.

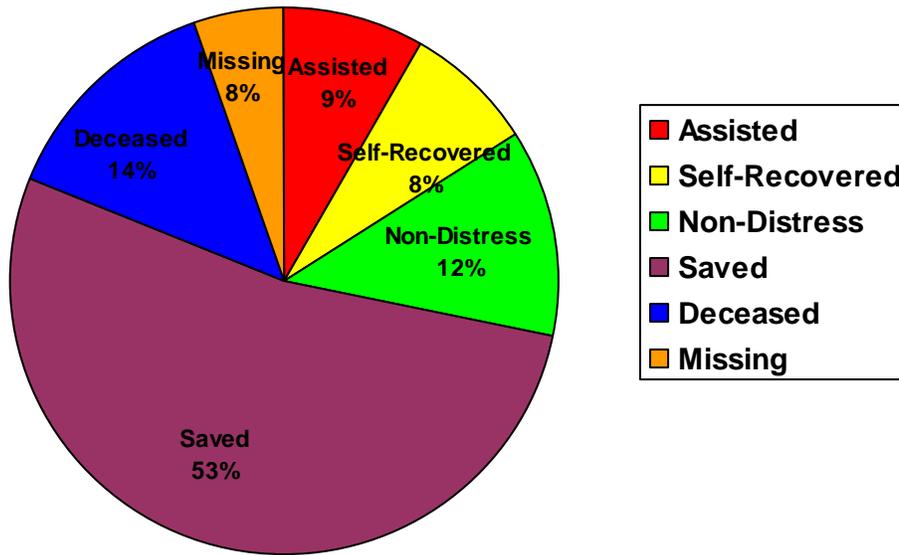
SELF-RECOVER: Objective was reported lost or missing, but returned to a safe location without assistance.

NON-DISTRESS: Objective was located and not in any imminent danger.

SAVED: Objective was located and in a life-or-death situation.

DECEASED: Self-explanatory.

MISSING: Objective was never located.



Situation	Assisted	Self-Recovered	Non-Distress	Saved	Deceased	Missing
<i>Aircraft</i>	1	11	26	9	44	4
<i>Blood Transfer</i>	0	0	0	0	0	0
<i>Boat</i>	0	0	0	1	0	1
<i>ELT/EPIRB</i>	0	4	4	3	12	0
<i>Distress Person</i>	3	1	0	171	1	4
<i>IFE</i>	0	0	0	0	0	0
<i>Msg Per</i>	37	20	29	49	8	16
<i>Patient</i>	0	0	0	28	1	0
<i>PLB</i>	0	0	0	0	0	0
<i>Rescue</i>	0	0	0	7	0	0
<i>SRU</i>	1	4	3	0	0	1
<i>Transport Vehicle</i>	0	0	1	0	4	1

<http://gp5.cawg.cap.gov/photos.html>



This table displays the distribution of AFRCC missions by mission type. It can be noted that a majority of our workload is the prosecution of ELT cases.

AIRCRAFT: Search for a missing or overdue aircraft

BOAT: Search for a missing vessel

ELT: Search for a radio distress beacon

MEDEVAC: Hospital-to-hospital transfer in a life-or-death situation

MERCY: Blood and/or organ transport

MISSING PERSON: Search for missing person or persons

PRECAUTIONARY: Pre-positioning of SAR forces for use during a scheduled activity where the potential for SAR is high

RESCUE: Extraction from a known location

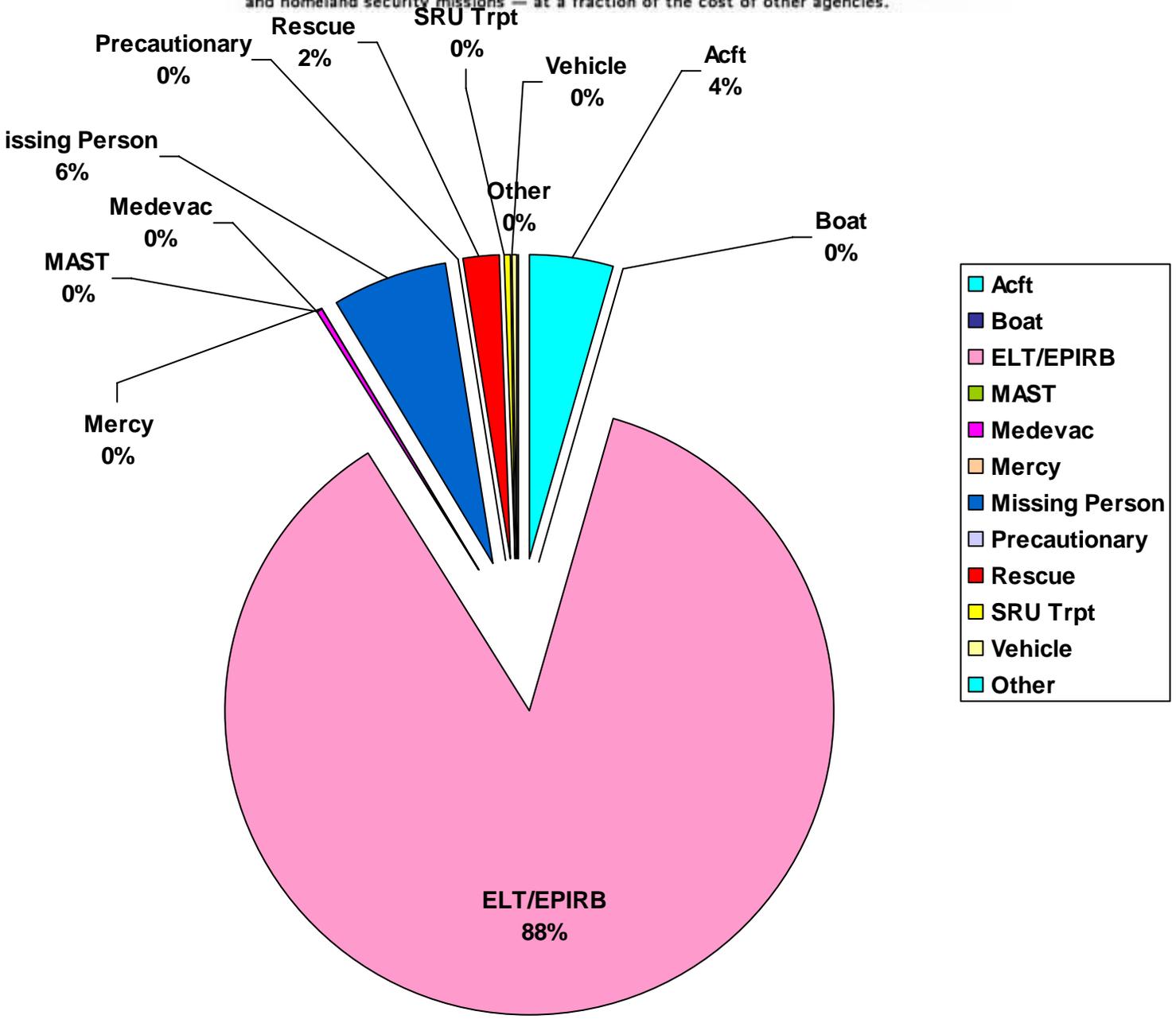
SRU TRANSPORT: Transport of non-federal Search and Rescue Units to a search location when the situation is urgent and needed to save life, limb, or eyesight

VEHICLE: Search for a missing vehicle (to assist in locating a missing person)

<i>Mission Type</i>	<i># of Missions</i>	<i>%</i>
Aircraft	107	4%
Boat	2	less than 1%
ELT/EPIRB	2113	88%
Medevac	6	less than 1%
Mercy	1	less than 1%
Missing Person	150	6%
Precautionary	3	less than 1%
Rescue	44	2%
SRU Transport	8	less than 1%
Vehicle	6	less than 1%
Other	1	less than 1%
Total	2,441	100%



Civil Air Patrol performs search and rescue, disaster relief, counterdrug reconnaissance and homeland security missions — at a fraction of the cost of other agencies.



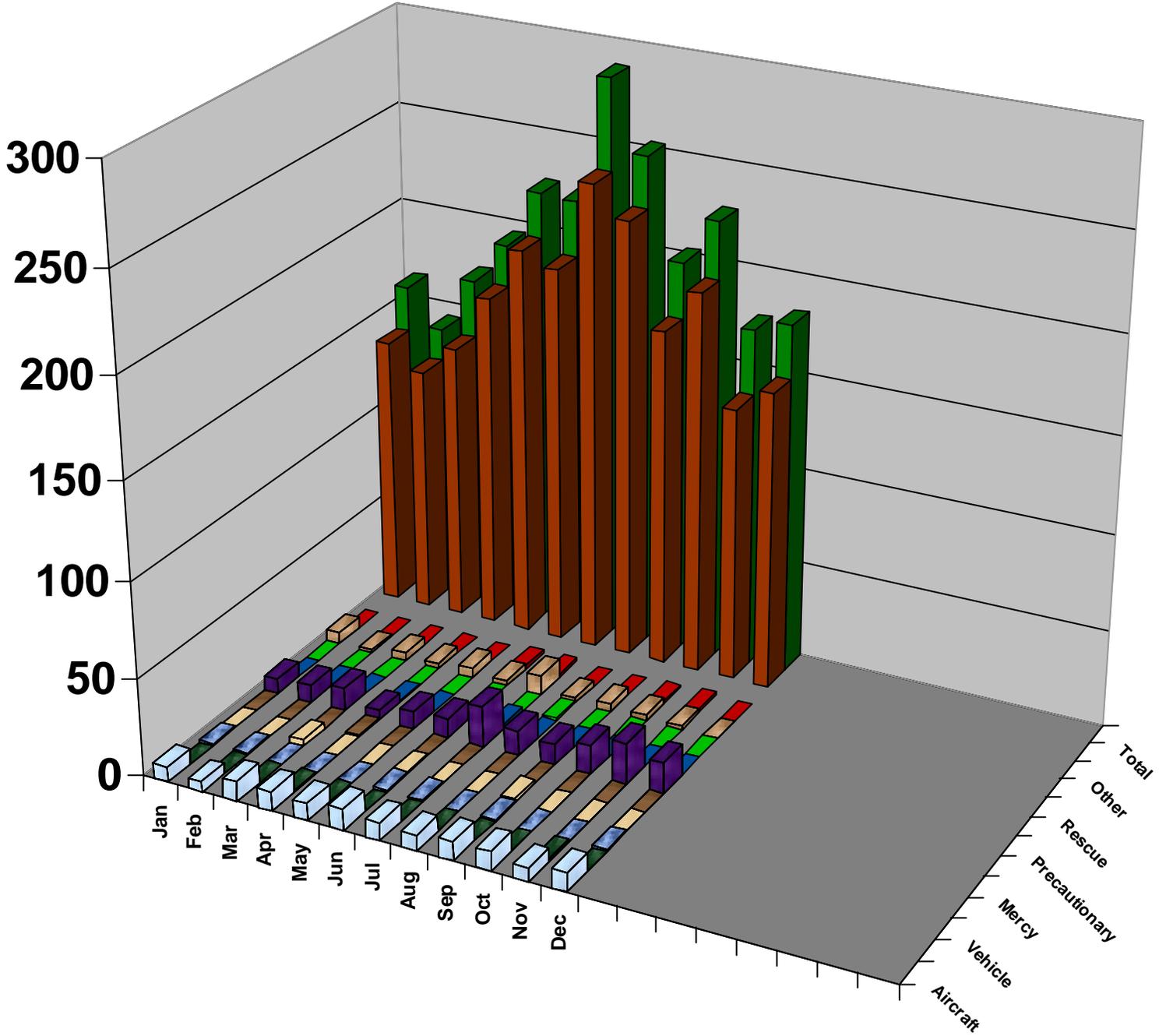
2005 MONTHLY MISSION WORKLOAD

TABLE 4

	AIRCRAFT	BOAT	VEHICLE	MERCY	MSG PERSON	MEDEVAC
JAN	8	0	1	0	8	0
FEB	5	0	1	0	9	0
MAR	10	0	0	0	12	3
APR	10	1	0	1	5	1
MAY	9	0	0	0	9	0
JUN	11	0	1	0	10	1
JUL	9	0	1	0	22	0
AUG	8	0	0	0	13	0
SEP	10	0	1	0	11	2
OCT	10	0	0	0	15	0
NOV	7	1	0	0	21	0
DEC	10	0	1	0	16	0

	PRECAUTIONARY	MAST	RESCUE	SRU TPT	OTHER	ELT	TOTAL
JAN	0	0	6	0	0	139	162
FEB	0	0	1	0	0	127	143
MAR	0	0	4	0	0	143	172
APR	1	0	3	0	0	173	194
MAY	0	0	5	0	0	201	224
JUN	0	0	3	2	0	195	223
JUL	2	0	10	2	0	241	287
AUG	0	1	3	1	0	226	252
SEP	0	0	4	0	0	174	202
OCT	0	0	3	1	0	197	226
NOV	0	0	2	2	0	142	175
DEC	0	0	0	0	0	154	181

AFRCC Monthly Mission Activity



2005 ACTIVITY BY MISSION TYPE

TABLE 5

Table 5 shows 2005 aircraft missions displayed by flying time, sorties, number of aircraft, and number of missions by type.

<u>TYPE MISSION</u>	<u>HOURS</u>	<u>SORTIES</u>	<u>ACFT</u>	<u>MISSIONS</u>
AIRCRAFT	2239.0	959	450	107
BOAT	9.40	4	2	2
ELT	2459.62	1164	1004	2114
MEDEVAC	19.70	10	7	6
MERCY	0	0	0	1
MSG PERS	568.70	364	162	150
PRECAUTIONARY	7.50	2	2	3
RESCUE	207.80	88	64	44
SRU TRANSPORT	63.30	31	22	8
VEHICLE	120.50	47	24	6
TOTALS	5695.52	2549	1737	2441

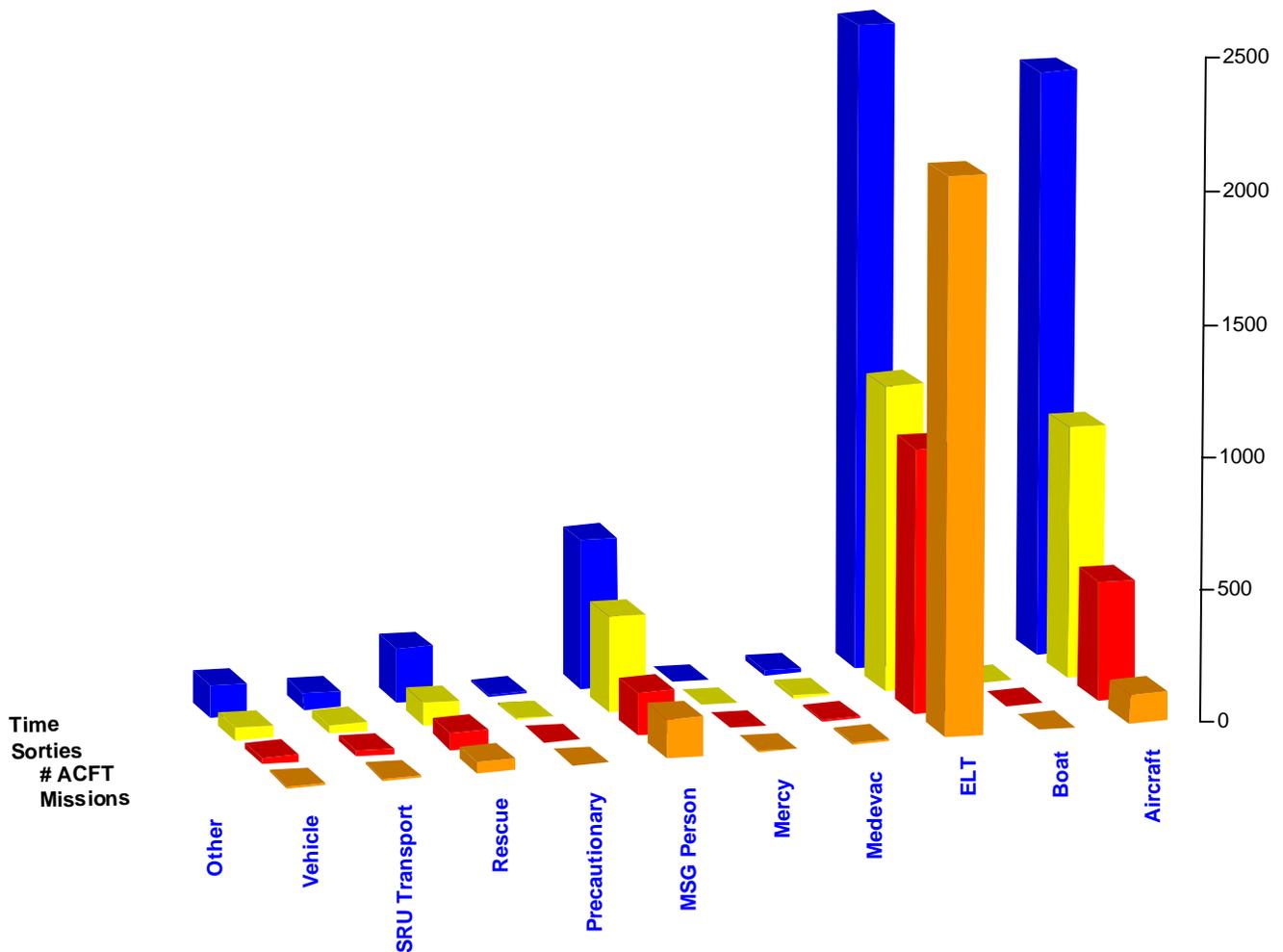


Table 6 shows the case results of the ELT/EPIRB missions prosecuted for the year. Note: a majority of the cases involved non-distress events.

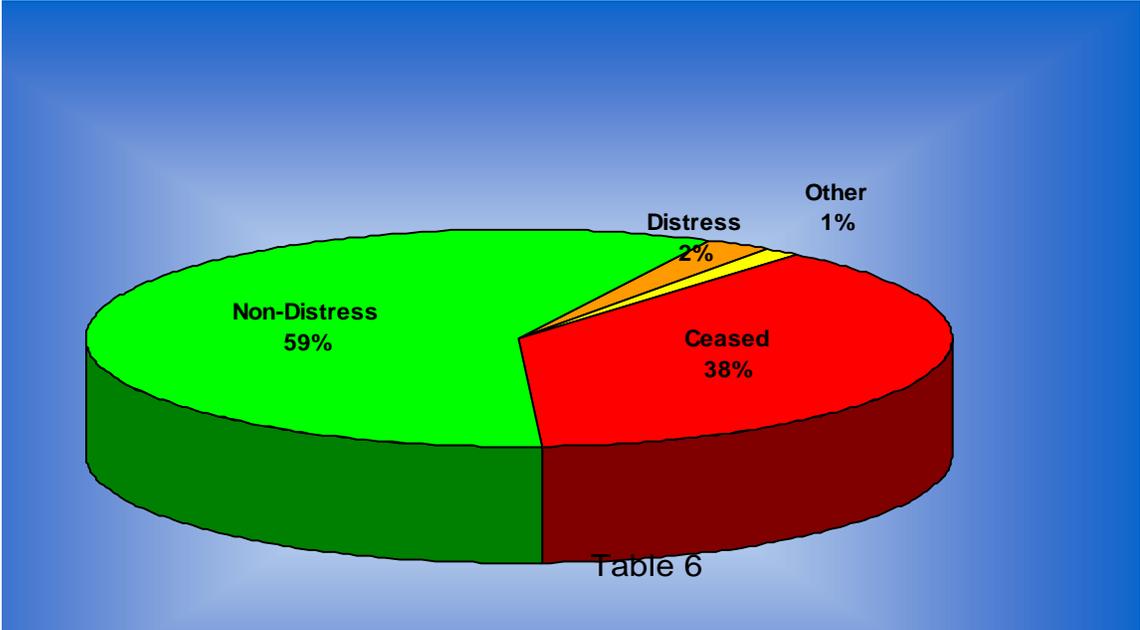
CEASED: ELT/EPIRB signal stopped before being located.

DISTRESS: The signal was activated due to a situation such as an aircraft crash or a vessel sinking.

NON-DISTRESS: The signal was caused by a malfunction, mishandling, battery failure, accidental activation, hard landings, or a reason other than a crash.

CEASED	930	38%
DISTRESS	59	2%
OTHER.....	36	1%
<u>NON-DISTRESS</u>	<u>1416</u>	<u>59%</u>
TOTAL	2441	100%





2005 ACTIVITY BY UNITS

TABLE 7

Table 7 shows the total number of flying hours, sorties, aircraft, saves, number of personnel used, and number of missions for each unit.

SRU NAME	FLT HRS	SORTIES	AIRCRAFT	SAVES	PERSONNEL	MISSIONS
102 nd RQS	31.1	11	6	8	46	2
1042 MED CO	5	2	2	1	9	2
129 th RQS	31.81	9	8	8	89	6
146 th Med Group	3.5	1	1	1	4	1
301 st RQW	6	3	2	3	8	2
36 th RQF	28.4	14	9	8	37	12
37 th HF	1.5	1	1	0	5	2
37 th RQF	11.2	5	1	0	6	1
39 th RQS	16.4	4	3	0	19	3
40 th HF	39.5	19	10	4	59	13
41 st RQS	0	0	0	0	1	1
512 RQS	0	5	2	0	16	1
55 th RQS	4	2	2	19	12	1
550 SOS	5	3	3	0	26	1
551 SOS	4.4	2	1	1	9	1
66 th RQS	16.7	7	7	134	45	3
76 HF	5.6	3	2	0	11	3
79 RQS	3	1	1	133	10	1
84 th RADES	0	0	0	0	8	7
AL CAP (Reg 4)	94.9	44	36	0	307	55
AR CAP (Reg 6)	143.2	64	30	0	161	17
AZ CAP (Reg 6)	69.3	41	23	0	388	83
CA CAP (Reg 8)	631.7	297	209	2	2051	380
CA OES	0	0	0	0	5	2
CG D13	12	4	4	0	13	2
CG D5	0	0	0	0	1	1
CG D9	21.1	9	6	3	22	5
CGAS Astoria	3.6	2	2	3	7	2
CGAS Atlantic City	2.5	1	1	0	11	2
CGAS North Bend	1.8	2	1	0	4	1
CGSS Port Angeles	11	5	2	0	8	2
CGAS Traverse City	2.3	2	2	0	9	3
CO ARNG	94.9	147	17	9	52	14
CO CAP (Reg 7)	371.14	118	73	8	499	58
CT CAP (Reg 1)	18.2	5	4	0	96	11
DC CAP (Reg 2)	9.2	3	3	0	84	12
DE CAP (Reg 2)	6.8	2	2	0	29	7
FCC	6.26	1	1	0	22	19
FL CAP (Reg 4)	333.62	164	130	2	1841	324

SRU NAME	FLT HRS	SORTIES	AIRCRAFT	SAVES	PERSONNEL	MISSIONS
FORSCOM	6.0	1	1	4	2	1
GA CAP (Reg 4)	116.1	62	54	0	393	73
IA CAP (Reg 5)	75.6	35	20	1	177	10
ID ANG	5	2	1	1	3	1
ID ARNG	15.5	6	5	9	21	5
ID CAP (Reg 7)	218.3	99	50	8	279	23
IL CAP (Reg 3)	32.7	15	13	0	264	44
IN CAP (Reg 3)	53	22	17	0	181	31
KS CAP (Reg 5)	60.2	25	24	0	205	31
KY CAP (Reg 3)	31.8	15	15	0	261	29
LA CAP (Reg 6)	186.5	90	50	4	339	71
MA CAP (Reg 1)	124	57	49	0	297	40
MCAS YUMA SAR	17	12	10	7	41	10
MD CAP (Reg 2)	53.7	26	25	0	326	38
ME CAP (Reg 1)	38.3	17	17	0	144	24
MI CAP (Reg 3)	85.5	39	31	0	447	33
MN CAP (Reg 5)	44.7	26	17	1	273	26
MO ANG	3.8	2	2	0	16	2
MO CAP (Reg 5)	31.9	12	8	0	170	26
MS ARNG	0	0	0	0	1	1
MS CAP (Reg 4)	38.45	19	13	1	145	31
MT ARNG	5	1	1	4	2	1
MT CAP (Reg 7)	37.1	20	12	9	40	8
NAS Fallon SAR	28.63	19	9	3	44	9
NAS Whidbey Isl SAR	4.56	3	3	3	14	4
NC CAP (Reg 2)	66	26	26	3	405	63
NC DEM	6.7	4	4	0	34	2
ND CAP (Reg 5)	7.7	5	5	0	31	8
NE CAP (Reg 5)	14.2	5	5	0	56	10
NH CAP (Reg 1)	14.5	9	7	0	54	7
NJ CAP (Reg 1)	106.7	50	39	0	463	74
NM CAP (Reg 6)	77.4	29	20	1	87	15
NM State Police	3	1	1	3	6	2
NV CAP (Reg 8)	503	163	90	1	346	9
NY CAP	161	102	59	0	519	56
SRU NAME	FLT HRS	SORTIES	AIRCRAFT	SAVES	PERSONNEL	MISSIONS
OH CAP (Reg 3)	54	23	21	0	278	45
OK CAP (Reg 6)	444.7	27	74	1	582	39
OR ANG	31.9	13	8	1	35	7
OR ARNG	11	7	3	0	12	2
OR CAP (Reg 8)	96	35	32	0	294	38
PA CAP (Reg 1)	75.6	33	28	1	774	63
RI CAP (Reg 1)	13.85	7	6	0	49	9

Salem ARNG	7.8	2	2	4	8	1
SC CAP (Reg 2)	61.7	36	29	1	269	39
SD CAP (Reg 5)	11.3	4	4	0	108	8
TN CAP (Reg 4)	26.8	16	14	0	200	36
TX CAP (Reg 6)	167.1	81	66	0	1274	222
UT CAP (Reg 7)	150	60	49	1	226	29
VA CAP (Reg 2)	61.1	38	34	1	395	71
VT CAP (Reg 1)	1.7	1	1	0	5	2
VX-31	21.4	8	8	4	55	1
WA CAP (Reg 8)	63	24	22	1	187	28
WI ARNG	4.5	1	1	0	6	1
WI CAP (Reg 3)	41.6	20	17	8	1146	33
WI DEM	0	0	0	0	1	1
WV CAP (Reg 2)	7.5	2	2	0	43.0	7
WY CAP (Reg 7)	22.2	9	7	9	46	8



2005 ACTIVITY BY MISSION TYPE

TABLE 8

Table 8 shows the total number of missions by type, for each state.

STATE	ACFT	BOAT/ EPIRB	ELT	MEDEV	MERCY	MSG	PRECA	RESCUE	SRU TRANS	VEH	OTHER	TOTAL
AK	0	0	3	0	0	2	0	0	0	0	0	5
AL	1	0	104	0	0	3	1	0	0	0	0	109
AR	5	0	45	0	0	2	0	0	0	0	1	53
ATLANTIC	2	1	9	0	0	0	0	2	0	0	0	14
AZ	8	0	214	2	0	6	0	5	0	1	0	236
CA	55	0	693	0	0	24	0	6	2	0	0	780
CO	11	0	96	0	0	23	1	4	0	0	0	135
CT	1	0	43	0	0	1	1	0	0	0	0	46
DC	0	0	19	0	0	0	0	0	0	0	0	19
DE	1	0	14	0	0	0	0	0	0	0	0	15
FL	17	1	557	0	0	10	4	0	0	0	0	589
GA	10	0	176	0	0	0	0	1	0	0	0	197
IA	2	0	35	0	0	4	0	0	0	0	0	41
ID	4	0	52	0	0	16	0	7	1	1	0	81
IL	1	0	107	0	0	1	0	0	0	0	0	109
IN	4	0	70	0	0	1	0	0	0	0	0	75
KS	7	0	114	0	0	0	0	0	0	0	0	121
KY	3	0	55	0	0	0	0	0	0	0	0	58
LA	5	0	152	0	0	6	10	0	0	0	0	173
MA	0	0	61	0	0	2	4	0	0	0	0	67
MD	10	0	82	0	0	2	0	0	0	0	0	85
ME	0	0	44	0	0	2	3	0	0	0	0	49
MI	6	0	86	0	0	18	0	0	0	0	0	110
MN	9	0	68	0	0	1	0	0	0	0	0	78
MO	2	0	81	0	1	5	0	0	0	0	0	89
MS	17	0	64	2	0	0	2	0	2	0	1	88

STATE	ACFT	BOAT/ FPIRB	ELT	MEDEV	MERCY	MSG	PRECA	RESCUE	SRU TRANS	VEH	OTHER	TOTAL
MT	4	1	56	0	0	16	1	3	0	1	0	82
NC	5	0	151	0	0	6	0	0	0	0	0	162
ND	1	0	22	0	0	1	0	0	0	0	0	24
NE	1	0	25	0	0	1	0	0	0	0	0	27
NH	0	0	27	0	0	0	0	0	0	0	0	27
NJ	2	0	152	0	0	2	1	1	0	0	0	158
NM	3	0	65	0	0	6	1	3	2	0	0	80
NV	7	0	81	0	0	11	1	4	0	2	0	106
NY	3	0	124	0	0	0	10	1	0	0	0	139
OH	2	0	125	0	0	0	0	0	0	0	0	127
OK	5	0	70	0	0	1	0	0	0	0	0	76
OR	7	0	94	0	0	9	0	3	0	0	0	113
PA	4	0	137	0	0	9	0	0	0	0	0	150
PACIFIC	1	0	3	0	0	9	0	2	0	0	0	15
RI	1	0	16	0	0	0	1	0	0	0	0	18
SC	3	0	81	0	0	0	0	0	0	0	0	84
SD	2	0	18	0	0	2	0	0	0	0	0	22
TN	5	0	76	1	0	0	0	0	0	0	0	82
TX	29	0	514	0	0	0	6	0	0	0	0	626
UT	3	0	49	0	0	3	1	1	4	0	0	61
VA	2	0	141	0	0	9	1	0	0	0	0	153
VT	0	0	9	0	0	0	2	0	0	0	0	11
WA	6	0	169	0	0	11	0	13	0	0	0	199
WI	4	0	56	0	0	6	1	0	0	1	0	68
WV	2	0	19	0	0	0	0	0	0	0	0	21
WY	5	0	14	0	0	7	0	0	0	0	0	26

United States Air Force Rescue Coordination Center

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"These Things We Do, That Others May Live"