

AFRCC

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# AIR FORCE RESCUE COORDINATION CENTER

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2004 ANNUAL REPORT



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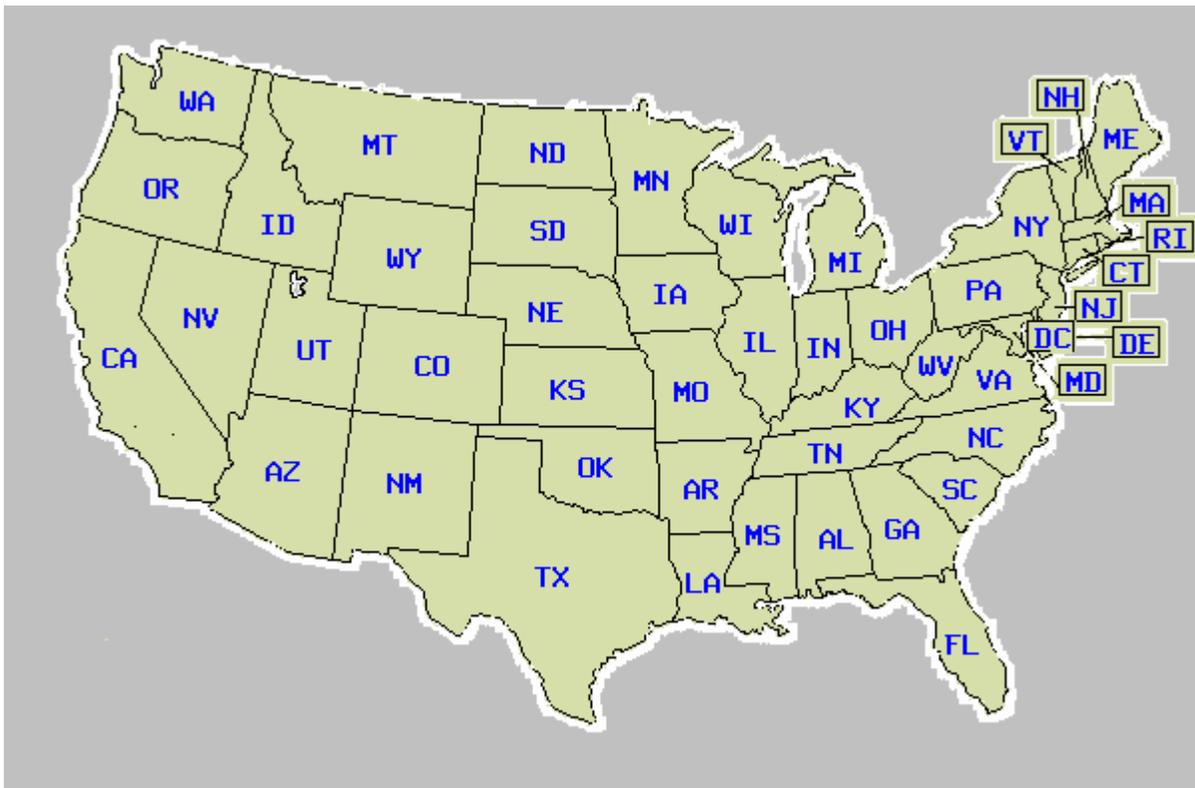


### AFRCC Mission Statement:

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 2004 73,398 search and rescue missions have been performed, resulting in 13,665 lives saved.



# Organization



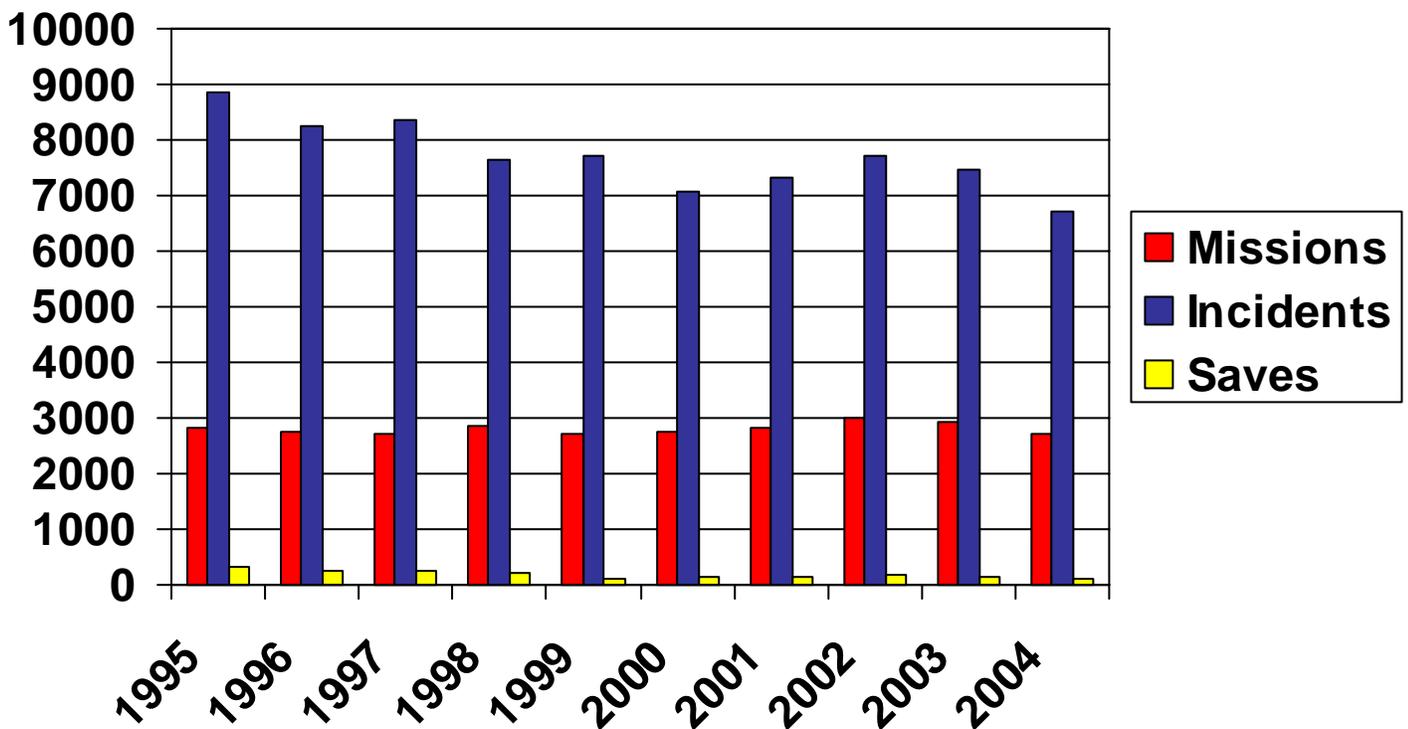
## 2004 AFRCC YEARLY ACTIVITY

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	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MISSIONS	2815	2734	2699	2851	2719	2739	2814	2989	2937	2734
INCIDENTS	8848	8234	8369	7639	7717	7062	7333	7728	7465	6697
SAVES	322	313	237	202	119	129	149	173	154	107



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.

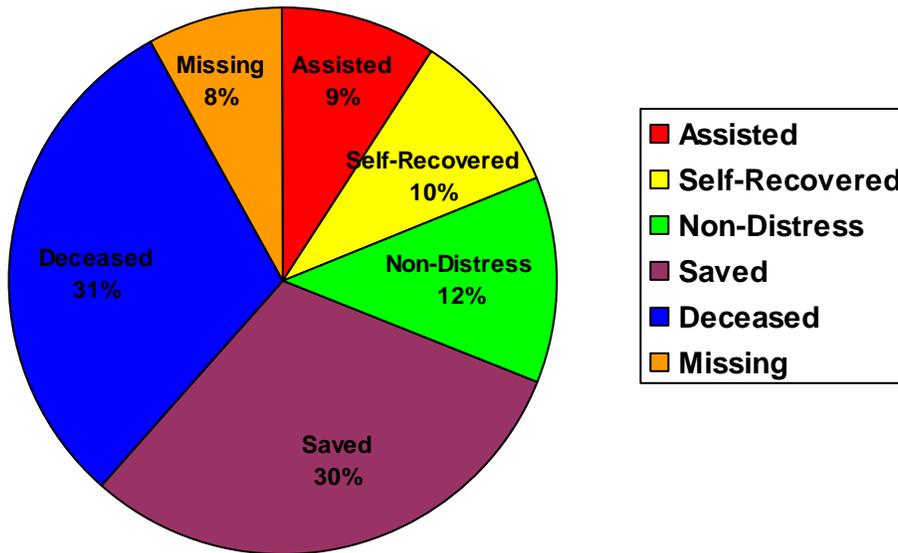
**SELF-RECOVER:** Objective was reported lost or missing, but returned to a safe location without assistance.

**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>	0	13	32	15	80	3
<i>Blood Transfer</i>	0	0	0	4	1	0
<i>Boat</i>	0	0	0	2	0	1
<i>ELT/EPIRB</i>	0	2	2	4	10	0
<i>IFE</i>	0	0	0	0	0	0
<i>Msg Per</i>	25	15	6	50	15	22
<i>Patient</i>	0	0	0	4	0	0
<i>PLB</i>	0	0	0	1	0	0
<i>Rescue</i>	2	0	0	3	0	0
<i>SRU</i>	1	0	0	0	0	0
<i>Transport Vehicle</i>	0	0	1	0	0	0

<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

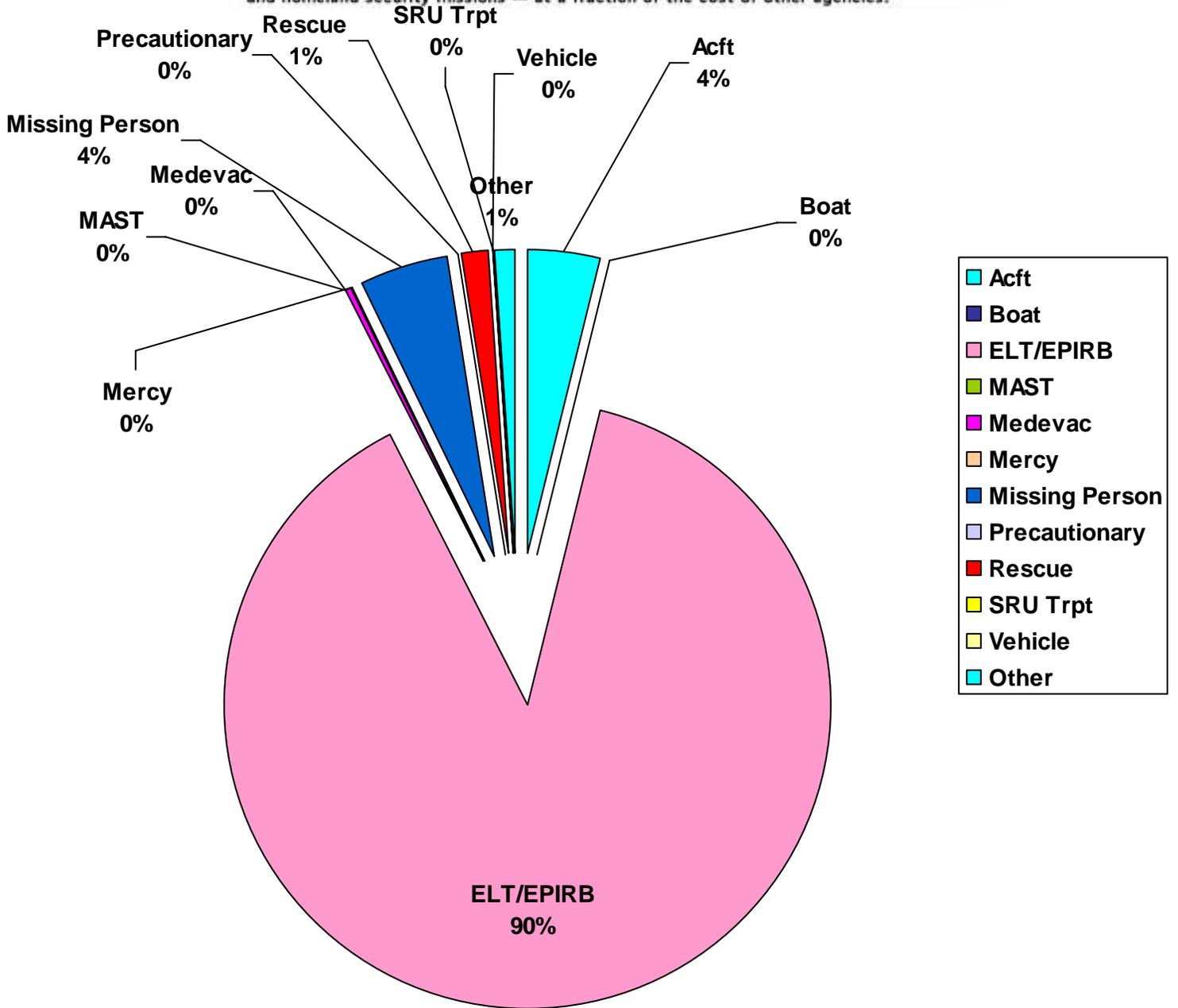
**SRU TRANSPORT:** Transport of non-federal Search and Rescue Units to a search location when the situation is urgent and needed to save life, limb, or eyesight

**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	2421	89%
Medevac	3	less than 1%
Mercy	6	less than 1%
Missing Person	122	4%
Precautionary	6	less than 1%
Rescue	37	1%
SRU Transport	1	less than 1%
Vehicle	1	less than 1%
Other	28	less than 1%
Total	2,734	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.



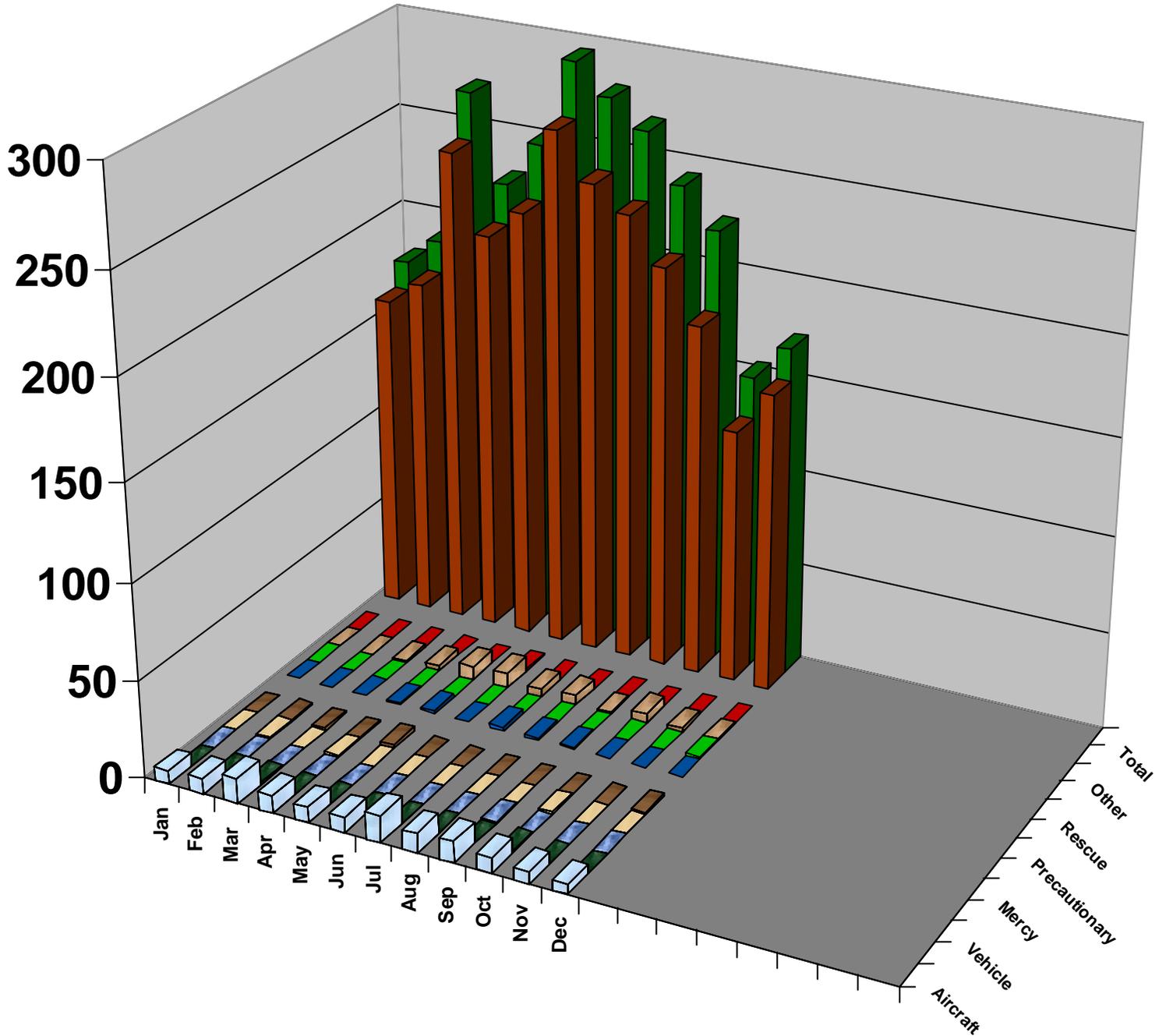
2004 MONTHLY MISSION WORKLOAD

TABLE 4

	AIRCRAFT	BOAT	VEHICLE	MERCY	MSG PERSON	MEDEVAC
JAN	7	0	0	0	6	0
FEB	8	0	0	1	5	1
MAR	13	1	0	1	6	0
APR	9	0	0	1	4	1
MAY	8	0	0	2	7	0
JUN	8	0	0	0	8	0
JUL	14	0	0	0	13	0
AUG	10	0	0	0	17	0
SEP	11	0	1	0	16	0
OCT	8	1	0	0	21	1
NOV	6	0	0	0	11	0
DEC	5	0	0	1	8	0

	PRECAUTIONARY	MAST	RESCUE	SRU TPT	OTHER	ELT	TOTAL
JAN	0	0	0	0	1	162	176
FEB	0	0	0	0	1	174	190
MAR	0	0	1	0	2	245	269
APR	1	0	3	0	1	206	226
MAY	1	0	7	0	3	221	249
JUN	0	0	8	1	3	265	293
JUL	2	0	4	0	3	242	278
AUG	1	0	5	0	2	230	265
SEP	1	0	1	0	4	207	241
OCT	0	0	5	0	5	181	222
NOV	0	0	2	0	2	131	152
DEC	0	1	1	0	0	154	170

## AFRCC Monthly Mission Activity



# 2004 ACTIVITY BY MISSION TYPE

# TABLE 5

Table 5 shows 2004 aircraft missions displayed by flying time, sorties, number of aircraft, and number of missions by type.

TYPE MISSION	HOURS	SORTIES	ACFT	MISSIONS
AIRCRAFT	3044.02	1374	709	107
BOAT	15.90	2	2	2
ELT	2413.9	1222	1052	2421
MAST	1.10	1	1	1
MEDEVAC	7.30	4	3	3
MERCY	13.60	12	6	6
MSG PERS	701.98	231	178	122
PRECAUTIONARY	215.50	50	46	6
RESCUE	228.20	69	55	37
SRU TRANSPORT	20.00	4	4	1
OTHER	21.1	8	5	27
VEHICLE	4.10	1	1	1
<b>TOTALS</b>	<b>6686.70</b>	<b>2978</b>	<b>2062</b>	<b>2734</b>

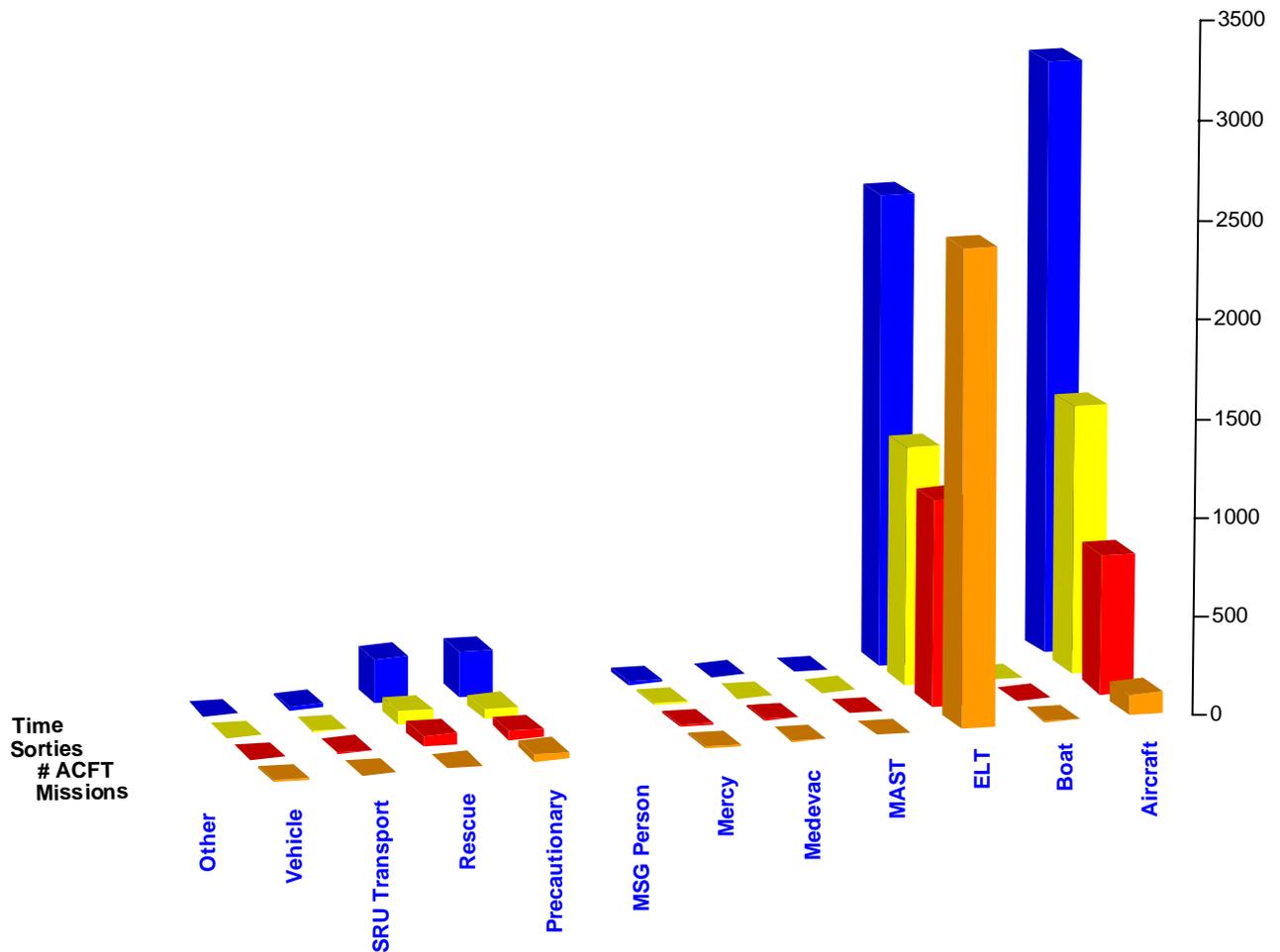


Table 6 shows the case results of the ELT/EPIRB missions prosecuted for the year. Note: a majority of the cases involved non-distress events.

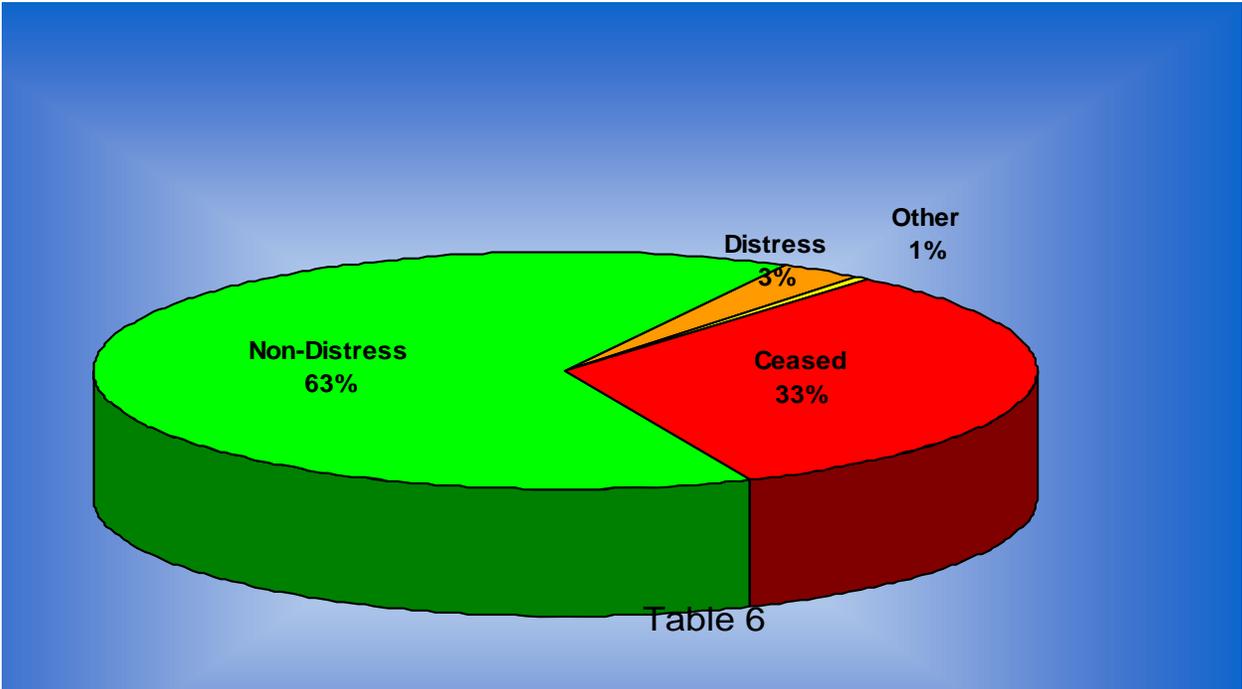
**CEASED:** ELT/EPIRB signal stopped before being located.

**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 .....	788	.....	33%
DISTRESS .....	63	.....	3%
OTHER.....	15	.....	1%
<u>NON-DISTRESS</u> .....	<u>1555</u>	<u>.....</u>	<u>63%</u>
<b>TOTAL</b> .....	<b>2421</b>	<b>.....</b>	<b>100%</b>





**2004 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.

<b>SRU NAME</b>	<b>FLT HRS</b>	<b>SORTIES</b>	<b>AIRCRAFT</b>	<b>SAVES</b>	<b>PERSONNEL</b>	<b>MISSIONS</b>
1/159 <sup>th</sup> AVN	115.1	18	18	0	80	1
102 <sup>nd</sup> RQS	5.8	1	1	0	10	1
1042 MED CO	10.8	3	3	2	13	2
106 <sup>th</sup> RQW	2.8	1	1	0	5	1
129 <sup>th</sup> RQS	71.5	16	11	6	98	7
3 <sup>rd</sup> ARMRD CAV REG	2.8	1	1	0	2	1
301 <sup>st</sup> RQW	42.9	12	10	5	58	5
305 <sup>th</sup> RQS	4.1	2	2	1	12	2
347 <sup>th</sup> RQW	0	0	0	1	5	1
36 <sup>th</sup> RQF	27.4	17	10	6	43	12
37 <sup>th</sup> RQF	17	5	4	10	21	3
39 <sup>th</sup> RQS	12.1	2	2	1	19	2
40 <sup>th</sup> HF	19.5	10	4	2	28	6
41 <sup>st</sup> RQS	9.4	2	2	1	12	1
5 <sup>th</sup> SOS	8.8	1	1	1	10	1
58 <sup>th</sup> SOW	6.5	1	1	1	6	1
66 <sup>th</sup> RQS	0.4	1	1	1	12	2
71 <sup>st</sup> RQS	17.6	5	3	4	54	2
84 <sup>th</sup> RADES	0	0	0	0	1	1
AL CAP (Reg 4)	151.25	49	34	0	288	54
AR CAP (Reg 6)	34.2	18	17	0	131	28
AR DEM	0	0	0	0	0	1
AZ CAP (Reg 6)	295.5	78	75	1	737	124
CA CAP (Reg 8)	970.9	318	256	3	2212	363
CG D13	29.3	3	3	1	17	2
CG D9	8.6	10	8	5	30	7
CGAS Astoria	2.9	1	1	0	4	1
CGAS Atlantic City	1.6	1	1	1	4	1
CGAS Clearwater	5.9	2	1	1	7	1
CGSS Port Angeles	0.9	2	2	2	10	2
CGAS Traverse City	9.6	6	4	3	16	4
CO ARNG	59.9	20	12	5	38	9
CO CAP (Reg 7)	76.7	34	26	5	329	48
CONGRESSIONAL C	0	0	0	0	4	1
CT CAP (Reg 1)	11.2	7	6	0	151	15
DC CAP (Reg 2)	4.16	5	4	0	47	6
DE CAP (Reg 2)	8.9	4	4	0	29	6
FAA	0	0	0	0	1	1
FCC	0	0	0	0	52	33
FL CAP (Reg 4)	355.2	189	149	1	2219	352
FL DEM	0	0	0	0	3	2

SRU NAME	FLT HRS	SORTIES	AIRCRAFT	SAVES	PERSONNEL	MISSIONS
GA CAP (Reg 4)	123.5	63	56	1	563	116
GA EMA	0	0	0	0	1	1
HILL AFB	1	1	1	1	1	1
HMM-166	104	42	20	0	275	1
HSL-47	22.5	8	2	0	22	1
IA CAP (Reg 5)	66.35	24	26	0	265	24
ID ANG	1.6	1	1	0	8	1
ID ARNG	32.1	11	7	3	28	6
ID CAP (Reg 7)	285.32	138	72	2	346	29
ID DOA	0	0	0	0	1	1
IL CAP (Reg 3)	14.6	7	7	0	280	52
IN CAP (Reg 3)	24.1	14	12	0	171	25
KS CAP (Reg 5)	37.8	12	12	0	169	28
KY CAP (Reg 3)	78.5	26	19	0	118	16
LA CAP (Reg 6)	69.6	39	37	0	282	80
MA CAP (Reg 1)	116	52	36	0	332	38
MCAS YUMA SAR	13.6	10	6	6	46	6
MD CAP (Reg 2)	31.9	17	17	0	236	51
ME ANG	2.4	1	1	0	3	2
ME CAP (Reg 1)	47.25	23	19	0	243	29
MI CAP (Reg 3)	31.7	19	16	0	331	63
MN CAP (Reg 5)	192.2	103	56	3	465	44
MO ANG	0	0	0	0	2	1
MO CAP (Reg 5)	24.85	13	13	0	178	31
MS CAP (Reg 4)	258.1	105	48	1	310	25
MT ARNG	17	2	2	1	7	3
MT CAP (Reg 7)	44.4	17	12	3	67	10
MT DOA	114.1	72	49	0	148	2
NAS Brunswick SAR	0	0	0	0	1	1
NAS China Lake SAR	0.7	1	1	0	5	1
NAS Pensacola SAR	0.3	1	1	0	5	1
NAS Whidbey Isl SAR	17.3	5	4	3	20	4
NC CAP (Reg 2)	182.8	100	63	2	703	99
NC DEM	0	0	0	0	1	1
ND CAP (Reg 5)	45.2	23	16	2	113	14
NE CAP (Reg 5)	16.2	9	7	0	64	10
NH CAP (Reg 1)	21.1	14	13	1	124	14
NJ CAP (Reg 1)	65.2	35	33	0	422	65
NM CAP (Reg 6)	76.4	34	18	8	115	13
NM State Police	0	0	0	0	0	1
NV ANG	0	0	0	0	10	1
NV CAP (Reg 8)	174.7	68	52	3	264	15
NV DEM	0	0	0	0	1	1

SRU NAME	FLT HRS	SORTIES	AIRCRAFT	SAVES	PERSONNEL	MISSIONS
OH CAP (Reg 3)	37.4	20	19	0	288	56
OK CAP (Reg 6)	28.5	13	12	1	224	41
OR ANG	1.2	2	2	1	12	1
OR ARNG	20.9	9	9	4	50	6
OR CAP (Reg 8)	80.7	42	36	6	355	50
PA ARNG	0	1	1	12	0	1
PA CAP (Reg 1)	60.3	30	28	0	520	49
PA EMA	0	0	0	0	1	1
RI CAP (Reg 1)	19.7	12	11	0	61	9
SC CAP (Reg 2)	63.2	47	31	0	248	40
SD CAP (Reg 5)	22.5	11	9	0	105	8
TN CAP (Reg 4)	15.95	9	5	0	187	41
TX CAP (Reg 6)	172	75	63	1	1257	236
UT CAP (Reg 7)	185.5	56	50	5	257	35
VA CAP (Reg 2)	95.48	57	49	2	562	87
VA EOC	0	0	0	0	2	2
VT CAP (Reg 1)	14.3	7	7	0	63	15
WA CAP (Reg 8)	491.3	238	112	1	867	19
WA DOA	354.3	265	84	0	209	5
WI CAP (Reg 3)	63.9	25	22	1	1634	37
WV CAP (Reg 2)	11.9	8	6	0	102	10
WY CAP (Reg 7)	54.9	28	15	10	80	14



**2004 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
AL	6	0	112	0	0	0	4	0	0	0	2	124
AR	9	0	90	0	0	2	0	0	0	0	0	101
ALANTIC	1	0	3	0	0	0	0	3	0	0	0	7
AZ	16	0	237	0	1	1	3	1	0	0	4	263
CA	49	4	677	0	1	6	1	9	0	0	3	750
CO	8	0	11	0	0	6	0	0	0	0	0	25
CT	1	1	30	0	0	0	0	0	0	0	0	32
DC	0	1	2	0	0	0	0	0	0	0	0	3
DE	0	0	9	0	0	0	0	0	0	0	0	9
FL	13	30	345	0	0	4	1	2	0	0	0	395
GA	2	0	85	0	0	0	0	0	0	0	0	87
IA	0	0	21	0	0	2	0	0	0	0	0	23
ID	1	0	17	0	0	14	0	3	1	0	0	36
IL	1	1	42	0	0	0	0	0	0	0	0	44
IN	1	1	34	0	0	1	0	0	0	0	0	37
KS	2	0	37	0	0	0	0	0	0	0	0	39
KY	1	0	25	0	0	2	0	0	0	0	0	28
LA	1	1	68	0	0	0	0	0	0	0	0	70
MA	0	4	32	0	0	0	0	0	0	0	0	34
MD	0	4	42	0	0	3	0	0	0	0	0	49
ME	1	0	31	0	0	4	0	0	0	0	0	36
MI	3	0	47	0	0	15	0	0	0	0	0	65
MN	0	0	31	0	0	2	0	0	0	0	0	33
MO	1	0	30	0	0	0	0	0	0	0	0	31
MS	2	1	31	0	0	1	0	0	0	0	0	35

STATE	ACFT	BOAT/ FPIRB	ELT	MEDEV	MERCY	MSG	PRECA	RESCUE	SRU TRANS	VEH	OTHER
MT	1	0	2	0	0	14	0	2	0	0	19
NC	2	2	92	0	0	0	0	0	0	0	96
ND	0	0	3	0	0	2	0	0	0	0	5
NE	0	0	14	0	0	0	0	0	0	0	14
NH	0	0	9	0	0	0	0	0	0	0	9
NJ	0	5	72	0	0	0	0	1	0	0	78
NM	4	0	3	0	0	4	0	0	0	0	11
NV	3	0	4	0	7	8	0	3	0	1	26
NY	2	8	93	0	0	0	0	2	0	0	105
OH	0	1	68	0	0	0	0	0	0	0	69
OK	1	0	35	0	0	0	0	0	0	0	36
OR	2	0	38	0	0	26	0	6	1	0	73
PA	2	1	82	0	0	1	0	0	0	0	86
PACIFIC	0	0	1	0	0	0	0	3	0	0	4
RI	0	0	11	0	0	0	0	0	0	0	11
SC	6	2	43	0	0	0	0	0	0	0	51
SD	1	0	10	0	0	1	0	0	0	0	12
TN	3	0	41	0	0	2	0	1	0	0	47
TX	7	2	239	0	0	0	0	0	0	0	238
UT	4	0	18	0	0	4	0	0	3	0	29
VA	2	4	95	0	0	4	0	0	0	0	105
VT	1	0	10	0	0	0	0	0	0	0	11
WA	0	1	34	7	0	18	0	20	0	0	80
WI	2	0	36	0	0	5	1	0	0	1	45
WV	0	0	19	0	0	1	0	0	0	0	20
WY	4	0	14	0	0	1	0	0	1	0	20
<b>TOTAL</b>	<b>104</b>	<b>18</b>	<b>2475</b>	<b>6</b>	<b>10</b>	<b>123</b>	<b>9</b>	<b>60</b>	<b>2</b>	<b>7</b>	<b>2814</b>

Special thanks to our 2004 Annual Report Project Officer for all their hard work

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*"These Things We Do, That Others May Live"*