

SUN CITY FIRE DEPARTMENT ANNUAL REPORT - 2010



Rev. Irv Mitchell

Chairman
Serving since 1986



Edwin George

Board Clerk
Serving since 1999



Jack Leonard

Treasurer
Serving since 2006



Walter Link

Vice-Chairman
Serving since 2009



Robert Luger

Board Member
Elected November 2010

SUN CITY FIRE DISTRICT BOARD MEMBERS

Five elected, unpaid citizens who reside within the Sun City Fire District govern all operations and aspects of the fire district. The duties and responsibilities of the Fire Board are prescribed in the Arizona Revised Statutes (A.R.S.), specifically Title 48, Chapter 5, Sections 48-803 and 48-805, and deal specifically with the powers and duties of a Fire Board. Other Arizona Revised Statutes of importance deal with mandatory reports the Fire District must submit annually, specifically, an Annual Budget, an Annual Financial Report, an outside independent audit. The board supervises all areas of the fire district through a group of standing committees. The Districts standing committees are: grounds and equipment, fire department operations, legal and insurance, and special functions.

ADMINISTRATION

Administrative Services provides leadership, long-range planning, budget development, financial management, file management, human resources, payroll, contract administration, governmental liaison and technical support in order to ensure the sufficient operation of the department.

MISSION STATEMENT

"To professionally protect, prevent, and educate."

- Provide emergency fire, rescue, and medical service.
- Prevent fires through aggressive inspections.
- Educate the public on health and safety issues.
- Provide a safe work environment for our personnel.

"WE SERVE TODAY TO PROTECT YOUR TOMORROW."



JAMES L. HANER
Fire Chief

SUN CITY FIRE DEPARTMENT

18602 N. 99th Avenue Sun City, AZ 85373
623/974-2321
623/972-1996 Fax
www.suncityfire.com

Serving the communities of
Sun City, Youngtown, and
Citrus Point since 1966.



Total Volunteer Hours
Donated to the SCFD

6012

TOP 3 VIOLATIONS

1. Exit Signs not working
2. Fire Extinguishers not serviced
3. GFCI Protected Outlets not installed

Fire Investigations:

Total: 17

In District: 15

Out of District: 2

Locations:

Residential: 15

Commercial: 1

Vehicle: 1

Causes:

Accidental: 9

Incendiary: 2

Natural: 1

Undetermined: 5

Injuries/Fatalities:

Civilian Injuries: 1

Civilian Fatalities: 1

Firefighter injuries: 3

FIRE PREVENTION / PUBLIC EDUCATION DIVISION

Fire Prevention / Public Education Division is responsible for enforcing adopted codes and ordinances, conducting fire investigations, construction plan and development review, issuance of permits, citizen safety and injury prevention awareness programs, public fire education, car seat installations, and community and relations events.

Total Permits Issued	57	Lockbox Key Changes	101
Initial Inspections	1938	CPR Classes	37
Re-Inspections.....	947	Blood Pressure Checks.....	466
Total Inspections	2885	Car Seat Installations	710
Fire Marshal Inspections (Constructions/New Business/Violations)	222	Public Speaking Events	38
Total Violations	3164	Fire Extinguisher Clinics	5
Home Safety Surveys.....	618	Safety Fairs	0
Lockbox Installations.....	522	Permits Issued.....	58
Smoke Detector Installations.....	327		
Smoke Detector Battery Changes	90		



HEALTH AND SAFETY DIVISION

The Health & Safety Division is responsible for the Fire District workplace safety initiatives. NFPA 1500 is the national standard for Fire Department Occupational Safety and provides guidance to the Fire Chief and the Health & Safety Officer to achieve a comprehensive approach to employee safety. This includes, but not limited to OSHA compliance; accident investigation; injury prevention; and the overall health and wellness of the employee groups. For example....

- ◆ Monitored condition of Personal Protective Equipment through an annual inspection program.
- ◆ Scheduled and monitored annual physical exams for all line personnel.
- ◆ Completed safety training sessions to improve situational awareness while on duty.
- ◆ Participated in the Regional Safety Officers meetings.
- ◆ Investigated 11 minor vehicle accidents.
- ◆ Investigated one lost-time injury.

DIVISION OF EMERGENCY MEDICAL SERVICES

Administration: Emergency Medical Service (EMS) is responsible for the delivery of prompt, appropriate emergency care for victims of trauma or illness. This includes the responsibility to stay current with equipment, techniques and protocols to do so. Training, evaluation and quality assurance are necessary to maintain the highest quality patient care available.

Training

The greatest challenge faced in 2010 was maintaining the quality of instruction and required EMS training within a reduced budget. By redesigning the training program to include more self study and more in-service training, actual class hours recorded has increased.

Paramedic refresher class in February was provided to 17 members. The formally 40 hours of dedicated class room instruction was reduced to 16 hours in class, with the remaining hours achieved through in-service training spread through out the year.

Increased emphasis on field recognition and early hospital alerting of patients with suspected myocardial infarction (heart attack). The SCFD is a major party in the S-T elevation myocardial infarction (STEMI) program with Banner Boswell Hospital. The STEMI program has been shown to greatly reduce the time from a patient's 911 notification to entry into an emergency cardiac catheterization lab.

Associations

The EMS Division is represented in the following local, regional, and national organizations.

- ◆ Regional EMS Managers (Subcommittee of Central Arizona Life Safety Council)
Member of Electronic Patient Care and Education Committees.
- ◆ West Valley Prehospital (Evaluation and updates of regional prehospital treatment protocols.)
- ◆ Boswell Prehospital (Continuing education and quality assurance.)
- ◆ A.E.M.S.: Arizona Emergency Medical Systems
- ◆ S.H.A.R.E.: Save Hearts in Arizona Registration and Education
- ◆ National Association of EMS Educators
- ◆ AZ.A.A.: Arizona Ambulance Association
- ◆ A.F.D.A.: Arizona Fire District Association, EMS Section
- ◆ I.A.F.C.: International Association of Fire Chiefs, EMS Section

2010 SCFD FITNESS PROGRAM RECAP

Throughout the year the fitness team was successful at conducting annual fitness evaluations on operational members, which includes senior staff. Annual fitness evaluations follow NFPA 1582 and 1583 guidelines, assessing each member in the areas of cardio-respiratory fitness, body fat measurement, muscular strength, muscular endurance, and flexibility.

2010 marked the introduction of the iMett Lactate Threshold testing device, which evaluates members' cardio-respiratory fitness levels (VO2). This device measures expired respiratory gas levels, providing a much more accurate evaluation than previous testing methods used by the department. Additionally, the iMett device provides each member with an individualized, progressive training plan designed to improve cardio-respiratory fitness levels.

The fitness team conducted the 2nd Annual Biggest Loser Competition, promoting healthy weight-loss for department members. Participants were evaluated by department Peer Fitness Trainers, assessing weight, body fat, and waist-to-hip ratio. Each member was provided information on healthy weight loss, and encouraged to enlist the help of a Peer Fitness Trainer for exercise and nutritional assistance. The competition lasted 12-weeks, and resulted in the loss of over 130 pounds of unhealthy body fat!

The Fitness Team also provided department-wide training on flexibility techniques designed to help decrease the potential for injury both on and off the job.

TOTAL All-Level EMT Continued Education

1212 HOURS

PARAMEDIC CERTIFICATION

Two members accepted and enrolled in the Glendale Community College Paramedic Program.

Expected completion: Spring 2011.



Total EMS Calls

6,904

TOP 3 Categories

1566–Trauma

1525–Neurological

1323–Cardiovascular
(S.T.E.M.I.–891)
(144 Cardiac Arrests)



TRAINING DIVISION

Fire Training Division facilitates ongoing training in fire suppression, supervisory and management development to provide effective and realistic training for all personnel based on fire service standards, succession planning needs, and emergency response demands. The Sun City Fire Department does the majority of its training in-house. Additionally, the department partners with others to help provide the training that we do not have the facilities for or would be cost prohibitive for us to provide alone.



WESTSIDE TRAINING CONSORTIUM (WTC)

The Westside Training Consortium (WTC) is a nonprofit organization made up of fourteen (14) Fire Departments from the Phoenix metro area. It is the mission of the Westside Training Consortium to provide quality functional training to all consortium members. With multiple agencies working together common training needs can be completed more effectively and efficiently.

During 2010 Sun City Fire participated in the following training provided by the WTC:

- ◆ Luke Air Force Base Housing (Ventilation, Search & Rescue)
- ◆ F-16 Safety Training @ Luke Air Force Base
- ◆ Swift Water Training @ Waterworld
- ◆ Fire Dynamics Training

REGIONAL TRAINING

During 2009 the Sun City Fire Department partnered with the following local and state-wide training partners to provide the following:

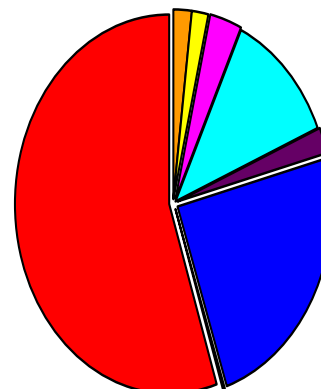
- ◆ Arizona Fire Chiefs Association Fire Service Leadership Conference
- ◆ Larry Miller Collision Center (extrication & hybrid vehicles)
- ◆ Drivers Training (engines & ladder/ladder tender)
- ◆ Peoria Fire: Battalion Chief Academy
- ◆ Peoria Fire: ISO 40 HR Academy
- ◆ Arizona State Fire Marshal's Office State Fire School
- ◆ Arizona State Land: Annual Wildland Fire Refresher Drill

SPECIALIZED JOB-RELATED TRAINING

- ◆ Arson Investigation Training
- ◆ Firehouse Education and Training Seminar
- ◆ Peer Fitness Training
- ◆ National Fire Academy
- ◆ Fire Studio 4.1 (Tempe Fire)
- ◆ VFIS Drivers Training (5 personal sent)
- ◆ Brush 131 Training (vehicle training)
- ◆ Wildland Training
- ◆ Ladder Training (panelized roofs)
- ◆ High Rise Training
- ◆ Reptile Training

19,144 TRAINING HOURS

- COLLEGE - 350
- PREVENTION - 351
- WELLNESS - 620
- EMS - 2251
- SPEC. OPS - 405
- PROF. DEV. - 4597
- LIVE FIRE - 60



RESOURCE MANGEMENT DIVISION

Resource Management Division is responsible for facility, equipment and fleet maintenance and repair. In an ongoing effort to insure that the Sun City Fire Department operates the safest fleet possible the Resource Management Division is responsible for:

- ◆ Ongoing education of department members involved with the maintenance for facility, equipment and fleet maintenance/repair.
- ◆ Ongoing evaluations and implementation of national, state and local requirements as they pertain to fleet and facility management.
- ◆ Evaluation of new technologies.
- ◆ Management of vendors providing repair and warranty work; and those supplying parts for quality and pricing.
- ◆ Communication between all personnel involved with the care and maintenance of our facilities and fleet; both internal and external.
- ◆ Coordination of the department's communication infrastructure with the Phoenix Regional Computer Aided Dispatch System.
- ◆ Evaluation of new methods to increase efficiency while reducing costs.

Projects completed this year include but are not limited to:

- ◆ Evaluated and repaired long-term leaks in the ceiling at FS132.
- ◆ In-frame engine rebuild of Ladder 131.
- ◆ Transition to paperless vehicle logs.
- ◆ On going refinement of Firehouse and RTA software to manage department properties/fleet.
- ◆ Re-roofing project at the Fire Administration Building.
- ◆ Re-configuration of apparatus room doors at FS131.
- ◆ Conversion of all apparatus to joint VHF/800 MHz communication equipment.



SUN CITY FIRE DEPARTMENT ENGINE 1 RESTORATION PROJECT

The restoration of the 1st Fire Engine owned by the Sun City Fire Department is an ongoing project since retrieving the truck from its last home in Mexico. The restored vehicle is expected to provide history to the department and will be used at community events. The project's success has relied on monetary donations and volunteer labor.

SCFD FLEET

- E131
2001 Pierce Quantum
- E132
2008 Pierce Quantum
- E133
2004 Pierce Quantum
- E138
1994 Pierce Javelin
- E139
1996 Pierce Lance
- LT131
2006 Pierce Quantum
- L131
1996 Pierce Lance
- BR131
2008 Sterling
- BC131
2007 Dodge
- BC132
1999 Chevrolet Suburban
- C131
2009 Chevrolet Traverse
- C132
2005 Chevrolet Tahoe
- C133
2009 Chevrolet Pickup
- C135
1999 Ford Van
- C136
1997 Chevrolet Tahoe
- C137
1994 Chevrolet Suburban
- C139
2005 Chevrolet Pickup
- PV131
1999 Chevrolet Malibu
- PV132
2002 Chevrolet Blazer
- PV133
2003 Chevrolet Malibu
- PV134
2003 Chevrolet AstroVan
- PV135
2002 Chevrolet Blazer
- U131
2005 Flatbed Trailer
- FI131
Investigations Trailer
- Antique Engine 1
1973 American LaFrance

FIRE DEPARTMENT OPERATIONS

Fire Department Operations coordinates the divisions that provide life safety, fire protection, and customer service to the community from three strategically located fire stations that provide rapid assistance to medical, fire or hazardous situations. Our operational field personnel are knowledgeable, certified, trained and dedicated to protecting the lives and property of our District.

2010 YEARLY INCIDENT RESPONSE SUMMARY

<u>INCIDENT TYPE</u>	<u>COUNT</u>
<u>FIRE</u>	
Building fire	18
Cooking fire, confined to container	14
Chimney or flue fire, confined to chimney or flue	1
Trash or rubbish fire, contained	2
Passenger vehicle fire	6
Brush or brush-and-grass mixture fire	5
Palm Tree Fire	5
Grass fire	1
Outside rubbish, trash or waste fire	9
Dumpster or other outside trash receptacle fire	3
Outside equipment fire	2
Outside gas or vapor combustion explosion	1
Excessive heat, scorch burns with no ignition	<u>3</u>
	70
<u>RESCUE & EMERGENCY MEDICAL SERVICE</u>	
EMS -Cardiac	945
EMS -CVA	286
EMS -Seizure	98
EMS -Respiratory	522
EMS -GI: Abdominal	313
EMS -ALOC	591
EMS -Diabetic	184
EMS -Fall Injury	1,280
EMS -Other Traumatic Injury	140
EMS -Other Medical Problem	2,197
EMS -Burn Injury	3
EMS -Code	80
EMS -Drug Overdose	60
EMS -Assault	26
EMS -Medical Alarm Activation/No Emergency Found	57
EMS -901-H	74
EMS -Maternity Problems	9
EMS -Psychiatric	77
EMS -Suicide	6
EMS -Heat Related Incident	9

2010 AWARDS and RECOGNITIONS

Firefighter of the Year
Harold J. Brown

Fire Chief's Award
Jerry Ankiewicz
Karen Wellert
Adultcare Assistance Home-care

Thomas J. O'Brien Award
Diane L. Jenkins
Glenn A. Jenkins

Distinguished Service Award
Manuel B. Vasquez
Christopher C. Block
William C. Brott
George A. Perreault
Kenneth W. Murphy

Award of Merit
Kenneth G. Rice
Sandra L. Young
John A. Shiffer
Adam M. Holliday
Richard B. Miller
Jerry D. Thompson
Daniel M. Carroll

Unit Citations

E131A

BC131C

L131C

E131C

E132C

E133C

ATTENDANCE

PERFECT

(No missed days)

- Rodney W. Bebee*
- Matthew R. Lucking*
- Jerry D. Thompson*
- Richard J. Dykstra*
- James C. West*
- Kenneth G. Rice*

EXCELLENT

(<24 Hours)

- Michael A. Godleski*
- Randall M. Tirman*
- Christopher G. Clark*
- Matthew H. Lohr*
- Shon D. Taylor*
- Manuel B. Vasquez*
- Adam M. Holliday*
- Lisa B. Neubert*

OUTSTANDING

(24-48 Hours)

- Bryan L. Chamberlain*
- Damon C. Farrar*
- Jeffrey L. Hummel*
- John A. Ramsey*
- Steven C. Roe*
- John A. Shiffer*
- Jaime P. Soto*
- Kenneth L. Swick*
- Michael W. Thompson*
- Jeff A. Salkeld*
- Richard B. Miller*
- Sherry A. Neeley*
- Jennifer L. Brooks*
- Harold J. Brown*
- David H. Garard*
- Kathrine F. Diggs*
- Shane M. Godbehere*

Customer Service Award

E131C

- Steven C. Roe*
- Steven R. Sparks*
- Damon C. Farrar*
- Kenneth W. Murphy*

RESCUE & EMERGENCY MEDICAL SERVICE INCIDENT (cont'd)

Water Related Incident	2
Motor vehicle accident with injuries	181
Vehicle accident with injuries, Car/Bicycle	2
Vehicle accident with injuries, Car/Motorcycle	8
Vehicle accident with injuries, Car/Golfcart	6
Vehicle accident with injuries, Car/Building	1
Vehicle accident with injuries, Motorcycle	6
Vehicle accident with injuries, Bicycle	3
Vehicle accident no injuries (961)	82
Vehicle accident with Extrication	5
Motor vehicle/pedestrian accident (MV Ped)	9
Extrication of victim(s) from building/structure	1
Removal of victim(s) from stalled elevator	3
Swimming/recreational water areas rescue	1
Electrocution or potential electrocution	1
Rescue or EMS standby	<u>1</u>
	7,269

HAZARDOUS CONDITIONS (NO FIRE)

Gasoline or other flammable liquid spill	3
Gas leak (natural gas or LPG)	7
Oil or other combustible liquid spill	1
Chemical spill or leak	2
Carbon monoxide incident	1
Heat from short circuit (wiring), defective/worn	9
Overheated motor	3
Breakdown of light ballast	2
Power line down	3
Arcing, shorted electrical equipment	<u>17</u>
	48

SERVICE CALL

Lock-out	14
Water evacuation	7
Water or steam leak	7
Smoke or odor removal	10
Animal problem	26
Animal problem Bee's	8
Animal rescue	2
Assist police or other governmental agency	85
Police matter	13
Public service	232
Assist invalid	1,142
Defective elevator, no occupants	1
Unauthorized burning	<u>1</u>
	1,548

GOOD INTENT CALL

Dispatched & cancelled en route	209
Wrong location	4
No Incident found on arrival at address	112
Authorized, controlled burning	5
Vicinity alarm (incident in other location)	1
Smoke scare, odor of smoke	10
Steam, vapor, fog or dust thought to be smoke	2
Smoke from barbecue, tar kettle	1
EMS call, party transported by non-fire agency	1
HazMat release investigation w/no HazMat	<u>3</u>
	348

FALSE ALARM & FALSE CALL

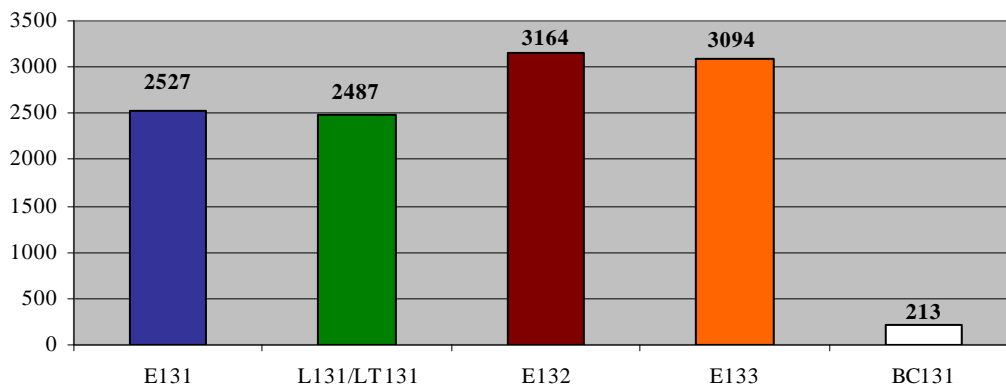
Malicious, mischievous false call, Other	1
Failure to notify	4
Negligence or Tampering with System	4
Local alarm system, malicious false alarm	3
Smoke detector activation due to malfunction	4
Alarm system sounded due to malfunction	75
Unintentional transmission of alarm, Other	2
Smoke detector activation, no fire-unintentional	5
Detector activation, no fire -unintentional	2
Alarm system activation, no fire-unintentional	<u>67</u>
	167

SEVERE WEATHER & NATURAL DISASTER

Flood assessment	1
Wind storm, tornado/hurricane assessment	<u>2</u>
	3

Sun City Incident Count: 9,453

2010 Total Incidents: 12,273



Fellowship Award

The Fellowship Award is given to a Fire Department member and their family for demonstrating charitable efforts to the department and the community. This new award was given to (2) families this year who have given their time and hard work this year and in past years to help support our members.



The Brown Family



The Taylor Family

