



SEMINOLE COUNTY
FLORIDA'S NATURAL CHOICE



SEMINOLE COUNTY FIRE DEPARTMENT

READY TO RESPOND • WILLING TO CARE • TRAINED TO MAKE A DIFFERENCE

2010 ANNUAL REPORT

A REVIEW OF OUR STATISTICS AND
MAJOR ACCOMPLISHMENTS



SEMINOLE COUNTY FIRE DEPARTMENT

READY TO RESPOND • WILLING TO CARE • TRAINED TO MAKE A DIFFERENCE

FIRE CHIEF - LEEANNA MIMS

"The SCFD Way"

- * Making the Commitment
- * Being Responsible for Ourselves and Each Other
- * Being Self Disciplined
- * The Supervisor's Role
- * Being Responsible Leaders
- * Maintaining the Environment
- * Establishing Individual's Expectations and Roles



FINANCE

- * FY 09/10 Adopted Budget \$ 58,292,680
- * SHSGP – FL-TF4 Equipment and Training - \$180,000
- * SHSGP – Seminole County Hazmat Team Equipment and Training - \$70,000
- * Regional Urban Area Security Initiative – Equipment Training and Regional Coordination - \$466,000 (Hazmat - This money is shared among regionally recognized teams)
- * USAR - \$530,000

OPERATIONS

- * Seminole County Incident Management System Re-write
- * Protective Clothing Ensemble
 - ✓ Bunker gear specs completed – 366 members issued new protective primary gear
 - ✓ Wildland firefighting gear – specs completed
- * Mobile Command Unit Upgrades
 - ✓ Interoperability with Regional Response Communities
 - ✓ Marine and Aviation Communications Enhancements
 - ✓ 25' Camera System- Video Recording and Zoom Capabilities
 - ✓ Florida Task Force 4 Interoperability
- * Incident Review Committee
 - ✓ Hose Testing Injury
 - Sustainment and Maintenance Program Established
 - Division Wide Purchase of New Hose
 - Hose Testing Company Selection and All Hose Tested, Inventoried and NFPA Compliance Accomplished
 - Hose Loads and Quantities Established
 - Division Wide Standard on Large Diameter Hose
 - Tanker Injury
 - Findings Finalized
 - Recommendations for safety practices
- * Large Event Management - Red Hot and Boom, Scottish Highland Games, Altamonte Jazz Festival, World Series of Soccer Tournament
- * UCF Internship Partnerships – 2 UCF Interns

OPERATIONS (Continued)

- * Mitigation Plan Participation
 - ✓ Community Wildfire Protection Program with Emergency Management, Natural Lands and Division of Forestry
 - ✓ Terrorism Annex with Sheriff's Office, Health Department and Emergency Management
 - ✓ Trail Marking Program with Sheriff's Office, Division of Forestry and Natural Lands
- * Homeland Security and Funding Committees –
 - ✓ Seminole County Operations Group – Chairperson
 - ✓ Seminole County Environmental Task Force
 - ✓ Seminole County Incident Management Team
 - ✓ East Central Florida Regional Planning Council / Local Emergency Planning Council (LEPC)
 - ✓ Regional Domestic Security Task Force (RDSTF)
 - ✓ Regional Anti-Terrorism Task Force (RATTF)
 - ✓ State Homeland Security Grant Program
 - ✓ Orlando/Orange Urban Area Security Initiative Executive Committee and Fire Working Group
 - ✓ Tier II Hazard Mitigation
 - ✓ PCR – Haz Mat Committee
 - ✓ Florida Association for Hazardous Material Responders
 - ✓ Florida Association for Search and Rescue
- * Projects / Programs
 - ✓ Implemented medical priority dispatch
 - ✓ Rail Car Emergency Response Program Established to include Delivery of Tank Rail Car Prop for Regional Exercises and In-House Training
 - ✓ Phase II Including Box Car Rail and Phase III Passenger Transport in Development Phase
 - ✓ Florida Task Force 4 – Chairperson
 - ✓ Hazardous Materials State Team (HM5B)
 - Successful state operational response evaluation
- * Operations and Special Teams
 - ✓ Extrication
 - Hurst Tool Standardization
 - In-Service Training To Division Personnel
 - Res – Q- Jacks, Glass Master and Extrication "Pouch" implementation
 - Instructors of Vehicle Machinery Rescue Operations and Technician Level Courses
 - ✓ Dive Operations
 - Dive Rescue International and PADI Standardization
 - In-House Instructors
 - In House Repair Technicians
 - Equipment Standardization to include:
 - Addition of communications lines
 - All diver BC, mask, regulators updated and replaced
 - Equipment in service on 5 units around County



SEMINOLE COUNTY FIRE DEPARTMENT

2010 PRIORITIES, BUDGET, ACCOMPLISHMENTS & AWARDS



OPERATIONS (Continued)

- ✓ Dive Operations (Continued)
 - NFPA 1670 Diver Competencies
 - Training / Certifications
 - 1 Open Water
 - 15 Advanced Open Water
 - 30 Dive Rescue I
 - 2 Dive Rescue II
 - 2 Medical Divers
 - Inhouse Dive Rescue I Instructor
 - 50 Dry suit and AGA Mask (Full Face)
 - R&D on Side Scan Sonar
- ✓ Special Hazards and Operations
 - Gas Line Emergency Tool and Procedure Standardization
 - Several Large (4" and 6") Gas Leak Emergencies Mitigated
 - Established Competency Standards Compliant with NFPA 1670 and State Operational Readiness Evaluation
 - Trench Rescue Train-the-Trainer Class Conducted
 - Rail Car Training Simulating Hazardous Leak
- ✓ Tower Operations
 - Elevated Streams at Cottesmore Fire and Salvage Yard Fire
 - Competency Standards Compliance with NFPA 1670
 - Team Selection Process
- ✓ Burn Operations
 - Team Participation and Management Process
 - Members Attended Numerous Courses for Enhanced Knowledge and Compliance with State Deployment Requirements
 - Burn Team - Prescribed Burns:
 - Natural Lands property - 7 burns for a total of 62 acres
 - Solid Waste (Landfill) - 5 burns for a total of 134 acres
 - Burn Team - Major Wildfires:
 - 11 named fires mitigated, 70 acres (Wildwood, Green Grass, Natural, Black Cow, Shed, Green Pasture, Burnt Opossum, Turtle Tracks, Icy Hot, Boggy and Short Line)
- ✓ Florida Task Force 4 (FLTF4)
 - Training
 - 100 hours – FEMA's Structural Collapse - 7 members (4 SCFD)
 - 40 hours - Trench Rescue - Train-the-Trainer - 4 SCFD members
 - 40 hours - FEMA's Grant Manger Course - 10 members (5 SCFD)
 - 40 hours - FEMA's Safety Officer Course - 5 members (2 SCFD)
 - 40 hours - FEMA's Task Force Leader's Course - 1 SCFD member
 - 40 hours - FEMA's Search/Planning Manager Course - 12 members (3 SCFD)
 - 24 hours - FEMA's Heavy Rigging Specialist Course - 2 SCFD
 - 40 hours - FEMA's Search Specialists Course - 12 members (1 SCFD)
 - 80 hours - Rope Ops and Tech Course - Several members attended
 - 80 hours - VMR Ops and Tech Course - Several members attended
 - 160 hours - Haz Mat 160 Course - 5 members
 - 40 hours - Confined Space Ops and Tech - Several members attended
 - 24 hours - Homeland Security Exercise Evaluation - 3 members attended (2 SCFD)
 - 40 hours - Urban Flood Water Course - 23 members (6 SCFD)
 - 40 hours - Structural Collapse 4 at Texas A & M - 3 members attended (1 SCFD)
 - 16 hours - Collapse Shoring Refresher - 33 members (6 SCFD)
 - 16 hours - CDL Course - 17 members attended (2 SCFD)
 - 72 hour - Mobilization Exercise Completed - 96% participation
 - Completed Rope Rescue competency refresher for all team members



OPERATIONS (Continued)

- ✓ Florida Task Force 4 (FLTF4) (Continued)
 - Training (Continued)
 - Completed competency refresher for Water Rescue for all team members
 - Completed Boat Training for all team members (includes Boater's Safety certificate)
 - FLTF4 Joint Training Participation
 - Brevard County and Osceola County
 - Task Force 9, USCG, Air Deployment Search and Rescue in Camp Blanding Equipment Received
 - FLTF4 Equipment Received
 - 2 aluminum and inflatable boat packages
 - 1 portable restroom/shower trailer
 - 1 Surface Water Rescue equipment trailer
 - FLTF4 Miscellaneous
 - Participated in the Office of Inspector General
 - Contracted the building of a Collapse Prop
- ✓ Bike Team
 - Two new members
 - Special Events Standbys



EMS Group

* Performance Indicator Highlights:

- ✓ Management of unstable airways – crews did an excellent job in managing complicated or unstable airways on critical patients 100% of the time.
- ✓ Recognition and appropriate transport of patients suffering from ST Elevation Myocardial infarctions (STEMI). Crews had appropriate recognition and transport to the correct facility 95% of the time.
- ✓ Strokes – proper recognition and transport to the appropriate facility. Crews did very well with 100% accuracy in recognition and care of acute stroke patients.
- ✓ Survival of cardiac arrest (return of spontaneous circulation) – Crews had a 13% rate of return of spontaneous circulation for out of hospital cardiac arrest. In perspective the national average for survival is less than 6%, putting SCFD a little above twice the national average.
- ✓ The Fire Division has been reviewing the use of helicopters for transport to make sure this resource is only utilized when appropriate based on the patient's condition and incident factors. Crews utilized air medical resources appropriately 94% of the time.

* Certification:

- ✓ Oversight recertification process - 362 EMT's and Paramedics
- ✓ State of Florida Bureau of EMS inspection - received high accolades excellent inspection.
- ✓ Renewed the State ALS Transport License for SCFD.
- ✓ 11 completed Seminole State College paramedic program



* Equipment:

- ✓ Updated six ambulance stretchers units
- ✓ Retrofitting stretchers with a knee-lift device to increase safety and comfort.

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OPERATIONS (Continued)

* EMS Group (Equipment - Continued)

- ✓ Upgraded battery power packs for stretchers to a newer SMART technology with a longer operational time and service life.
- ✓ Took delivery of a new bariatric transport unit with a state of the art lift mechanism to minimize patient lifting for transport.
- ✓ Continued the transition of cardiac monitor defibrillators to Life Pak 15 units. Six units placed in service to complete the transition of monitors at Stations 12, 27 and Station 22 upgraded to the new platform.
- ✓ Updated the type and style of the disposable CPAP units to a simpler device with enhanced comfort features for the patient.
- ✓ Began the transition of the old controlled substances safes at the designated battalion stations to new state of the art biometric locking mechanisms to enhance access accountability and record keeping as required by law

* Personnel Protection:

- ✓ Completed mandatory biennial training in infection control as required by the state for all personnel.
- ✓ Provided 450 flu vaccines to Fire and Sheriff's office personnel.



* Administrative:

- ✓ Research and development of a specific practice protocol to handle individuals suffering from an excited delirium event. Individuals suspected of having excited delirium have a high mortality risk and it is imperative that they are treated appropriately. As result, we added a medication to the inventory used specifically to calm and sedate these individuals. SCFD is only one of a few across the country to have such a protocol.
- ✓ Worked on the development of a comprehensive incident rehabilitation policy and procedure to incorporate into the IMS manual. Assisted in the development and modification of a rehabilitation unit for use on incidents where a formal Rehab group is established.

PLANNING & RESOURCE MANAGEMENT

* Planning

- ✓ Accreditation received from the Commission on Accreditation of Ambulance Services (CAAS) for its compliance with national standards of excellence. This signifies that SCFD has met the "gold standard" and that the SCFD paramedics and emergency medical technicians provide essential and excellent emergency medical services to its citizens. SCFD is currently the second Fire Department in the State of Florida and tenth in the nation to achieve this prestigious accreditation.

* Warehouse

- ✓ Protective gear inspections for all firefighters
- ✓ Nearing completion and implementation of inventory management system with barcode and RFID capabilities for better tracking of materials, equipment and supplies.
- ✓ Laundering of protective clothing in compliance with NFPA 1851.

* Facilities

- ✓ 642 Requests Processed

PLANNING & RESOURCE MANAGEMENT (Continued)

* Apparatus

- ✓ Rescues 27 and 22 delivered
- ✓ Engines
 - Completed Specs: On-board Generator, LED Lighting, Scene Safety and Short Wheel Base
 - E-14 Delivered and Placed in Service
- ✓ Annual department ladder and pump testing completed
- ✓ Tower 12 had high visibility chevrons and updated emergency lights installed
- ✓ Completed all of the engine standardization of equipment mounting project

* Professional Standards & Training

- ✓ Hiring Process
 - 205 candidates attempted CPAT/3 CPAT processes
 - 378 applicants assessed/1 hiring process
 - Orientation for 11 new firefighters – Class 1001
- ✓ Firefighter Training – 62,388 hours
 - Pump Operator (80-hr.)
 - State Fire Marshal Response to Fire Investigation
 - Residential Fire Attack
 - IPSLEI Leadership Class (160-hr.)
 - Jim Juneau Seminar: Ten Commandments of Apparatus Safety
 - Commercial Fire Attack
 - CEVO Engine Driving
 - Pump & Fire Stream Orientation
 - Wildland Fire S-130 & S-190
 - Fire Service Course Delivery
- ✓ EMS Training – 24,844 hours
 - CPR/ACLS/PEPP/PHTLS
 - 12 Lead Class
 - Medical Director Meetings
 - Protocol Review for New Paramedics
 - ECG Refresher



✓ Peer Fitness Team – Health & Wellness

- ACE Peer Fitness Trainers – 4 - recertified
- Fitness Assessment - 330 completed
- IPAT - 350 completed

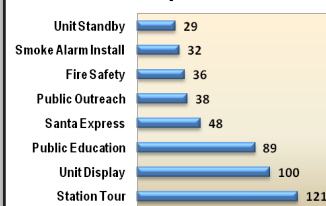
✓ Special Operations Training

- 12,902 Technical Rescue training hours
- Confined Space, Rope Rescue, VMR
- 6,412 Hazardous Materials training hours
- LSU: Emergency Response to Domestic Biological Incidents
- Special Operations Competency Drill
- Clandestine Drug Lab Awareness
- Smith's Detection Advanced Infrared Analysis
- CBRNE Hazmat Medic Essentials
- Hazmat Technician (160-hr.)
- SHOT Competency Drill

* Public Relations

- ✓ Total Citizen Contacts = 138,162
- ✓ Media Contacts = 1,000+

Oct. 2009 to Sept. 2010 Events



SEMINOLE COUNTY FIRE DEPARTMENT

2010 PRIORITIES, BUDGET, ACCOMPLISHMENTS & AWARDS



FIRE MARSHALL'S OFFICE

* Plans Review/Inspections

- ✓ Site Plan Reviews – 279
- ✓ Building Plan Reviews – 780
- ✓ Fire Protection Systems Plans Review – 435
- ✓ Ongoing Compliance Inspections - 1815
- ✓ New Construction Inspections - 1026
- ✓ False Alarm Inspections – 145

* Accomplishments

- ✓ Apartment/Condo Inspection Program
- ✓ Inspections completed on all 85 complexes throughout the County totaling 1551 buildings affecting 16,124 living units.
- ✓ Completion of 100% of the inspections in:
 - Public and Private Schools – 51
 - Childcare Facilities – 70
 - Adult Care Facilities – 30
- ✓ Fire alarm & sprinkler deficiency follow-up program implemented.
- ✓ Underground fire protection tank and private fire hydrant inspection programs developed.
- ✓ Fire prevention personnel completed G-601 Preliminary Damage Assessment Training.



AWARDS & RECOGNITIONS

Chief Officer of the Year

- * DCP Ivan Mustafa

Frank J. Kucera

Lieutenant of the Year

- * LT Mark Hall

Paramedic of the Year

- * FFP David Buskirk

Jimmy Cannon

Firefighter of the Year

- * FF Paul Seiferth

Rookie of the Year

- * FF Jason Dayton

Special Recognition Award –

Trail Project

- * LTP Stephen Maxwell
- * FF Chad Braden
- * FFP Kim Allen
- * FFP Christopher Woodcock
- * FF Mike Gagliano
- * FF Marc Bishop
- * FFP James Harter

Unit Team Citations:

Thanksgiving Holiday Call-Cardiac Arrest

- * LTP Don McBryde
- * FFP Glenn Siracusa
- * FFP Evan Futato
- * FF Mike Lee
- * FF Dean Erlandson
- * FF Ryan Hart
- * FFP Jazlyn Doolittle
- * FF Ben Harlan

Unit Team Citations: Station 13

Structure Fire

- * BC Rick Leita
- * LTP Ed Pando
- * LT John Schneider
- * LTP Ed Castlen
- * LT Matt Hool
- * FFP Michael Blinco
- * FFP Joseph Walsh
- * FFP Jonathan Divita
- * FFP Gregory Harlow
- * FFP Sally Romano
- * FFP Marisol Esquelin
- * FFP Gregory Baraniak
- * FF Cole Hammonds
- * FF Christopher Andrew
- * FF Ed Ruping
- * FF Nicholas Hornborg
- * FF Marc Rivera

Fire Chiefs Award

- * Chuck Miles

Apopka/ Altamonte VFW Award

- * Robert Hitchcock,
Battalion Chief



Chief Medical Officer Designation

- * Ivan Mustafa, Division Chief

PROMOTIONS AND RETIREMENTS

2010 Retirements

- * Keith Urbanski
- * Joel Kunkel
- * James Binkley
- * Clayton Hutchinson
- * Gary Raymond
- * Douglas Payne
- * William Bibb
- * Ken Peeler
- * Rodney Smith

Promotions

Lieutenants:

- * Timothy L. Corn
- * Chad A. Chorak
- * Michael W. Edmiston
- * David M. Grant
- * Mitchell T. Ransom
- * Michael A. Scott

HONOR GUARD

* Twelve members

- ✓ Participated in six funerals
- ✓ Participated in opening ceremonies for Awards Banquets and special events live recognition ceremonies.



IN MEMORIAM

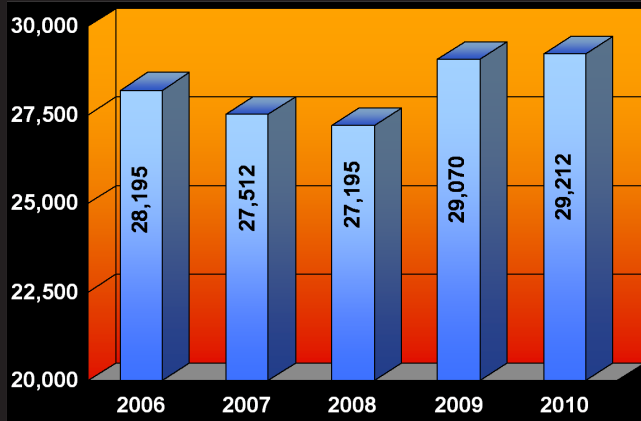
Julio Iglesias



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YEARLY COUNTY EMERGENCY RESPONSES



2010 RESPONSE STATISTICS

Category Responses

FALSE CALLS	1,968
FIRES	643
GOOD INTENT	3,749
HAZARDOUS CONDITIONS	763
OVERPRESSURE RUPTURE, EXPLOSION, OVERHEAT	24
RESCUE & EMERGENCY MEDICAL SERVICE	20,000
SERVICE	2,035
SEVERE WEATHER OR NATURAL DISASTER	14
SPECIAL INCIDENT	16
TOTAL	29,212

2010 RESPONSE STATISTICS BY UNIT

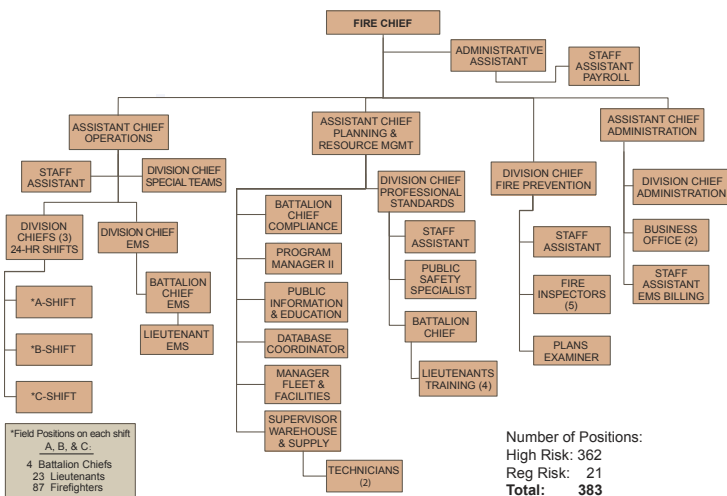
Please note: Multiple units may respond to the same call depending on the nature of the call.

Engine Unit	Responses	Special Units	Frequency
E11	1,624	S2	752
E12	2,719	T12	1048
E13	2,928	T27	845
E14	1,486	TK24	60
E16	1,343	TK34	27
E22	1,479	TK42	130
E23	1,472	WD11	56
E24	1,416	WD16	29
E26	854	WD27	63
E27	1,766	WD34	66
E34	1,469	WD35	66
E35	1,122	WD41	64
E36	1,441	WD42	105
E41	593	WD43	51
E42	511	BT34	9
E43	558	BT35	29
Total	22,781	BT42	7
		Total	3,548

Rescue Unit Responses Transports

R11	1,716	1,115
R12	2,862	1,679
R13	2,558	1,570
R14	753	460
R16	1,344	815
R22	1,658	1,062
R23	1,544	860
R24	1,284	777
R26	815	480
R27	1,643	1,057
R28	594	318
R34	1,313	752
R35	1,108	630
R36	1,232	717
R41	736	390
R42	452	231
R43	588	362
R65	1,952	1,021
Total	24,152	14,296

EMS/FIRE/RESCUE DIVISION ORG CHART



COUNTY FIRE STATION LOCATION MAP

