

NAVAL AIR STATION KINGSVILLE

FIRE AND EMERGENCY SERVICES

Annual Report, 2020



From the Fire Chief

I would like to take this opportunity to thank our entire team of Naval Air Station Kingsville (NASK) Fire & Emergency Services (F&ES) Department for a successful year despite the many challenges that we were presented. Even through the challenges, during a Pandemic, this team continued to excel and provide the best services possible to the community. I am truly proud of each and every one on this team who selflessly dedicate so much to a great profession.



You have our word we will continue conducting business and providing world class service with excellence at the core. 2021 will still be a challenging year with the continuation of the COVID-19 Pandemic. However, this team will hit the challenges head-on and continue to sustain the services provided and to look for more efficient ways to provide F&ES service to NASK, our local mutual aid partners, and the United States Navy.

Respectfully,

Eric T Kinman

ERIC T. KINMAN

Fire Chief, NASK F&ES

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Executive Summary

This report satisfies compliance requirements outlined in the National Fire Protection Association (NFPA) 1201, *Standard for Providing Fire and Emergency Services to the Public*. It is prepared annually by the Installation Fire Chief and submitted to the Installation Commander for coordination.

NAS Kingsville Fire & Emergency Services (NASK F&ES) provided an effective “all hazards” response program in CY20 as evidenced by an internal program review. The results will enable NASK F&ES to continually improve and attain future Commission on Fire Accreditation “Accredited” status.

Call volume remained relatively low, just 110, with few significant calls for service. Aggregate Response Times required by instruction were met for all aspects of response. Mutual Aid Agreements were exercised, predominately by our resources responding outside our fence line. In those few instances where local resources were utilized to support NAS Kingsville expected response times were met.

The F&ES Department provides 24-hour emergency services to NAS Kingsville personnel and property. The Fire Chief is responsible for the overall administration of the F&ES Department. The annual operating budget for the Department in FY 2020 was \$225K. The F&ES Department is staffed by trained F&ES personnel and is organized into four major elements: Administration, Operations, Prevention, and Training/Safety.

Utilizing vehicular assets and installed supportable systems, our firefighter’s control, neutralize, mitigate, and/or extinguish any fire or emergency situation occurring within the NAS Kingsville boundaries. Assistance from other agencies may be necessary to successfully mitigate some incidents. Firefighters also perform containment and control measures at HazMat incidents.

The process from selection of a prospective employee to onboarding that employee continued to be an issue throughout the year. Vacancy rates remained relatively the same although NASK F&ES was able to onboard six personnel. These vacancies coupled with a COVID-19 infection spread in the fire station were the driving factors for the majority of the overtime expense incurred during the year.

Fire Prevention, Public Education and Training programs were active throughout the year. The Fire Prevention program has been recognized by CNRSE leadership as a model program and has served as an example to many other departments within CNRSE.

Minimum proficiency training curricula and frequencies are specified in Navy Instruction 11320.23G, *Navy Fire and Emergency Services Program*, and 00-80R-14, *Aircraft Firefighting and Rescue Manual*. Qualified persons provide all training and education. All exercises are conducted within the established Department Policies (DP’s), Standard Operating Guidelines (SOG’s), and are supervised by qualified instructors, to include designated safety officers for all evolutions. All firefighters maintain current certification in Self-Contained Breathing Apparatus (SCBA), Cardiopulmonary Resuscitation (CPR), and HazMat Technician level. We maintain

several specialized teams to include a confined space rescue team, EMS with Emergency Medical Technician's (EMT's), along with a HazMat response team for our scope of services coverage. Members of each team receive specialized training annually that meets Department of Navy, Occupational Safety Health Association (OSHA), NFPA, and National Registry requirements.

Inspection, Testing, and Maintenance of fire alarm reporting and suppression systems was of primary concern throughout the year. Partnership with NAVFAC has proved effective and great strides have been made recently that will bring this program in compliance within the next twelve months.

Ultimately, NASK F&ES will be able to build on the foundation laid in CY20 and anticipates continued improvement in CY21. Planned projects include a formal Facilities Master Plan, completion of the CFAI Accreditation process, and improvements within the training program. It is our hope that these projects will not only ensure mission capability but also increase employee morale and reduce attrition.

Scope of Services

In 2020 the NASK F&ES Scope of Services dated 2018 was reviewed and approved.

Prior to 2018 the Scope of Services for Naval Air Station Kingsville provided for Technician Level HazMat response as well as more specialized Technical Rescue Services such as high and low-angle rescue. These two programs were downgraded to HazMat Operations Level and Confined Space/Vehicle Rescue with the expectation that mutual aid and other local resources would assist with higher level operations if necessary. These changes were predicated on the inherent risk within Naval Air Station Kingsville and the likelihood of events at these levels occurring.

Scope of Services NAS Kingsville F&ES Validated: May 2018					
F&ES Capability	Req'd by Navy F&ES	Available Provider	F&ES Capability	Req'd by Navy F&ES	Available Provider
Emergency Medical Services			ARFF Response		
EMS Response Only	Y	Navy	Cat 1 ARFF Response	Y	Navy
EMS ELS Transport	Y	Navy (X)	Cat 2 ARFF Response	Y	Navy (X)
EMS ALS Transport	N	M-Aid	Cat 3 ARFF Response	N	N/A
EMS ALS Response (QRV)	N	N/A	Cat 4 ARFF Response	N	N/A
Structural Fire Response			Cat 5 ARFF Response	N	N/A
Structure Fire (First Due)	Y	Navy	Cat 6 ARFF Response	N	N/A
Structure Fire (Second Due)	Y	Navy	ARFF Rescue	Y	Navy
Structure Fire (Full Assignment)	N	M-Aid	ARFF Immediate Alert	N	N/A
HAZMAT			Aircraft Arresting System	N	Navy
HAZMAT Operations (Defensive)	Y	Navy	Aircraft Salvage Response	N	Navy
HAZMAT Technician (Offensive)	N	M-Aid	Miscellaneous Fire Response		
HAZMAT Incident Command	Y	Navy	Water Tender Operations	N	N/A
IWMD/CBRNE Response Operations	Y	Navy	Brush Grass Fire Response	Y	Navy (X)
Technical Rescue			Wildland Fire Response	N	N/A
Confined Space Rescue	Y	Navy (X)	Shipboard Fire Response		
Trench Collapse Rescue	N	N/A	Shipboard Fire Response	N	N/A
Vehicle Rescue	Y	Navy (X)	Shipboard Dewatering	N	N/A
High Angle Rescue	N	N/A	Fire Prevention		
Water Rescue	N	N/A	Facility Fire Inspections	Y	Navy
Water Rescue Dive Team	N	N/A	Fire Safety Education/Training	Y	Navy
Training			Plans/Project Review	Y	Navy
MAFT Training to Others	N	N/A	Hot Work Permits	Y	Navy
Other			Fire Extinguisher Training	Y	Navy
Response to natural and manmade catastrophic events	Y	Navy	Fire Extinguisher Service	Y	Navy
Response to nearby Federal Agency facilities in the event normal F&ES are inhibited	Y	Navy			

Scope of Services Legend

No Color	No Navy F&ES Requirement
Green	Required & provided by Organic Navy F&ES
Yellow	Required & provided by Organic Navy F&ES Cross-staffed
Red	Required by Navy F&ES and not provided or available
Blue	Available & Provided by Organic Navy other than F&ES
Purple	Available & Provided by other than organic DoD F&ES
Orange	Available & Provided by other Navy/DoD F&ES
Local	Local community completely provides capability (No M Aid Offered)

Notes:

Scope of Services Orange Grove F&ES Validated: May 2018					
F&ES Capability	Req'd by Navy F&ES	Available Provider	F&ES Capability	Req'd by Navy F&ES	Available Provider
Emergency Medical Services			ARFF Response		
EMS Response Only	Y	Navy	Cat 1 ARFF Response	Y	Navy
EMS ELS Transport	Y	Navy	Cat 2 ARFF Response	Y	Navy
EMS ALS Transport	N	M-Aid	Cat 3 ARFF Response	N	N/A
EMS ALS Response (QRV)	N	N/A	Cat 4 ARFF Response	N	N/A
Structural Fire Response			Cat 5 ARFF Response	N	N/A
Structure Fire (First Due) (1)	N	M-Aid	Cat 6 ARFF Response	N	N/A
Structure Fire (Second Due)	N	M-Aid	ARFF Rescue	Y	Navy
Structure Fire (Full Assignment)	N	M-Aid	ARFF Immediate Alert	N	N/A
HAZMAT			Aircraft Arresting System	N	Navy
HAZMAT Operations (Defensive)	N	M-Aid	Aircraft Salvage Response	N	Navy
HAZMAT Technician (Offensive)	N	M-Aid	Miscellaneous Fire Response		
HAZMAT Incident Command	N	M-Aid	Water Tender Operations	N	N/A
IWMD/CBRNE Response Operations	N	M-Aid	Brush Grass Fire Response (2)	Y	Navy (X)
Technical Rescue			Wildland Fire Response	N	N/A
Confined Space Rescue	N	M-Aid	Shipboard Fire Response		
Trench Collapse Rescue	N	N/A	Shipboard Fire Response	N	N/A
Vehicle Rescue	N	M-Aid	Shipboard Dewatering	N	N/A
High Angle Rescue	N	N/A	Fire Prevention		
Water Rescue	N	N/A	Facility Fire Inspections	N	FBES C (N)
Water Rescue Dive Team	N	N/A	Fire Safety Education/Training	N	FBES C (N)
Training			Plans/Project Review	N	FBES C (N)
MAFT Training to Others	N	N/A	Hot Work Permits	N	FBES C (N)
Other			Fire Extinguisher Training	N	FBES C (N)
Response to natural and manmade catastrophic events	N	N/A	Fire Extinguisher Service	N	FBES C (N)
Response to nearby Federal Agency facilities in the event normal F&ES are inhibited	N	N/A			

Scope of Services Legend

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Green	Required & provided by Organic Navy F&ES
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Red	Required by Navy F&ES and not provided or available
Blue	Available & Provided by Organic Navy other than F&ES
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Orange	Available & Provided by other Navy/DoD F&ES
Local	Local community completely provides capability (No M Aid Offered)

Notes:

- 1) It is the expectation that defensive structural firefighting operations can be performed by ARFF companies prior to arrival mutual-aid units.
- 2) Brush firefighting requirement shall be performed from assigned ARFF and/or TAU apparatus.

Fire Administration and Staff

NASK F&ES is currently has approved staffing for 43 personnel and is authorized to fill 7 over hire positions; for a total of 50. These 7 over hire positions allow for lead time recruitment and are intended to assist with known attrition rates and current hiring/onboarding timelines. Attrition rates and hiring concerns are discussed in further detail later on.

Operations, Prevention and Administrative staffing positions are driven by the matrixes established within OPNAV 11320.23G, *Navy Fire and Emergency Services Program* and is based on the number of installations/auxiliary fields, and staffing allocated.

NASK F&ES rates the following Management and Administrative positions; one Fire Chief, two Assistant Chiefs of Operations, one Battalion Chief of Training (CNRSE allowed upgrade to AFC level), one Fire Prevention Inspector, and one Administrative Assistant. There are two designated Supervisory Lead Firefighter positions established based on coverage for Naval Auxiliary Landing Field Orange Grove, eight Lead Firefighter positions, and twenty-seven Firefighter positions within the department.

F&ES Department Baseline Management Authorization	
Standard Navy Duty Title	Number of F&ES Department Personnel
F&ES Chief	10 or more total operations and prevention personnel = 1
Deputy F&ES Chief	100 or more total operations and prevention personnel = 1
Battalion Chief Operations	20 to 39 operations personnel = 2 40 to 79 operations personnel = 0 80 to 159 operations personnel = 2 160 or more operations personnel = 4
Assistant Chief Operations	40 or more operations personnel = 2
Battalion Chief F&ES Prevention	Utilized when 4 or less F&ES prevention personnel are authorized. The Battalion Chief shall be counted as one of the Fire Inspectors.
Assistant Chief F&ES Prevention	5 or more F&ES prevention personnel = 1
Battalion Chief Training	30 to 59 total operations and prevention personnel = 1 60 to 159 total operations and prevention personnel = 0 160 or more total operations and prevention personnel = 1
Assistant Chief Training	60 or more total operations and prevention personnel = 1
Assistant Chief (Safety, Health, Accreditation, Special Operations)	80 or more total operations and prevention personnel = 1
Administrative or Analyst Support	40 or more total operations and prevention personnel = 1
Notes:	
(1) The number of F&ES department personnel does not consider personnel assigned for F&ES telecommunications or other auxiliary personnel assigned to the F&ES Department.	
(2) When approved by CNIC N30 additional shift supervisors (battalion chiefs) are authorized at large, consolidated, remote, or geographically isolated installations.	

CY20 Attrition Rate was 8%, four personnel, with one retirement and three moving on to other installations. Over the course of 2020 NASK F&ES on boarded six personnel leaving us slightly higher than where we started the year. Of the six that were on boarded 4 were at the Firefighter/Lead Firefighter level, one fire inspector, and one fire chief.

NASK F&ES's daily operational staffing levels are developed based on "Optimum Staffing" guidelines determined by category of the installation and airfields and "ORM Staffing". ORM Staffing allows for reduced numbers in order to alleviate overtime and the impact on employees and is based on anticipated call volume, levels of risk and the availability and reliability of mutual aid partners.

NASK F&ES Optimum Staffing for Naval Air Station Kingsville is 12 personnel and the ORM Staffing is set at 10 personnel. With ORM Staffing NASK F&ES continues to organically meet initial Structural Fire, Hazardous Materials, EMS, Technical Rescue, and ARFF response requirements. Full alarm assignments for Structure Fire, Hazardous Materials and Technical Rescue will require mutual aid support.

NASK F&ES Optimum Staffing for Naval Auxiliary Field Orange Grove is 4 personnel. Due to the distance between Naval Air Station Kingsville and Naval Auxiliary Field Orange Grove along with the response time for mutual aid assistance ORM staffing is not implemented at Orange Grove.

NASK F&ES reports ORM staffing levels daily to the Executive Officer. In CY20 NASK F&ES is operating at ORM levels less than 20% of the time. The average vacancy rate per day is three personnel with average rates for annual leave, sick leave, worker's compensation, and training/TDY at less than one person. Considering staffing levels have been relatively the same throughout the year (with the exception of a short time due to COVID-19) the assumption can be made that CY19 levels were similar. The predominate reason for ORM staffing occurrences has been the average vacancy rate and COVID-19 related quarantines.

Emergency Response

NASK F&ES Emergency Responses for 1 Jan 20 – 31 Dec 20

NRSE			
Incident_Group	ALF Orange Grove, TX	NAS Kingsville, TX	Total
False Alarm and False Call	1	21	22
Fires	0	2	2
Good Intent Call	0	6	6
Hazardous Condition (No Fire)	3	60	63
Rescue and Emergency Medical Services Incidents	0	15	15
Service Call	0	2	2
Total	4	106	110

There were no significant incidents reported in 2020.

NASK F&ES responded to several mutual aid calls in the local community. Among these mutual aid calls were four structure fires.

NASK F&ES utilizes the National Fire Incident Reporting System (NFIRS) and the Enterprise Safety Applications Management System (ESAMS) to track benchmark times and other response metrics. Call Process Time starts with the initial notification to the Regional Dispatch Center (RDC) and ends when the dispatcher has toned out the required personnel and provided the initial dispatch to responding crews; this time is measured by and the responsibility of RDC. Aggregate Response Time (ART) requirements are determined by the nature of the call and measure the total time from dispatch to on scene. The ART can be further broken down into Turn Out Time and Travel Time. Turn Out Time begins when responding crews are toned out by RDC and includes the time crews take to put on required firefighting gear and man the apparatus; this time ends when RDC is notified the units are enroute to the emergency. Travel Time begins when the unit notifies RDC they are enroute and ends when the unit notifies RDC they are on scene; essentially the time it takes to drive from point A to B. Total Response Time (TRT) is a combination of the Call Process Time, Turn Out Time and Travel Time; measuring the total time it takes from when an individual makes that initial call to RDC to when a first responder arrives and is able to begin mitigating the emergency.

Aggregate Response Times are required to be met no less than 90% of the time and are represented in the following charts. There were two EMS calls that missed the ART resulting in an 83% compliance rate. One was due to the ambulance was engaged in another call and the other was due to the patient did not provide a correct location.

Aircraft Announced ART 2020

The target 'ART' time is 1 minutes or less. The target 'Met' value expected is 90%, or greater. NOTE: Click on an ART value below to see the details behind the value.

Region	Installation	Station	JanART	JanMet	FebART	FebMet	MarART	MarMet	AprART	AprMet	MayART	MayMet	JunART	JunMet	JulART	JulMet	AugART	AugMet	SepART	SepMet	OctART	OctMet	NovART	NovMet	DecART	DecMet	YTDART	YTDMet
NRSE	NAS Kingsville, TX/N7003	All	00:25	100.0	00:13	100.0	00:05	100.0	00:21	100.0	00:15	100.0	00:26	100.0	00:33	100.0	00:13	100.0	00:48	100.0	00:17	100.0	00:24	100.0	00:29	100.0	00:22	100.0
NRSE	ALF Orange Grove, TX/NF001	All															00:45	100.0									00:45	100.0

Aircraft Unannounced ART 2020

The target 'ART' time is 5 minutes or less. The target 'Met' value expected is 90%, or greater. NOTE: Click on an ART value below to see the details behind the value.

Region	Installation	Station	JanART	JanMet	FebART	FebMet	MarART	MarMet	AprART	AprMet	MayART	MayMet	JunART	JunMet	JulART	JulMet	AugART	AugMet	SepART	SepMet	OctART	OctMet	NovART	NovMet	DecART	DecMet	YTDART	YTDMet
NRSE	NAS Kingsville, TX/N7003	All					02:42	100.0	02:19	100.0	02:22	100.0	02:40	100.0	01:43	100.0	03:29	100.0			03:38	100.0	02:17	100.0	03:34	100.0	02:41	100.0
NRSE	ALF Orange Grove, TX/NF001	All					02:46	100.0					02:42	100.0													02:44	100.0

EMS ART 2020

The target 'ART' time is 7 minutes or less. The target 'Met' value expected is 90%, or greater. NOTE: Click on an ART value below to see the details behind the value.

Region	Installation	Station	JanART	JanMet	FebART	FebMet	MarART	MarMet	AprART	AprMet	MayART	MayMet	JunART	JunMet	JulART	JulMet	AugART	AugMet	SepART	SepMet	OctART	OctMet	NovART	NovMet	DecART	DecMet	YTDART	YTDMet
NRSE	NAS Kingsville, TX/N7003	All											04:59	100.0			06:00	50.0					04:04	100.0	05:58	100.0	05:11	83.3

HAZMAT ART 2020

The target 'ART' time is 7 minutes or less. The target 'Met' value expected is 90%, or greater. NOTE: Click on an ART value below to see the details behind the value.

Region	Installation	Station	JanART	JanMet	FebART	FebMet	MarART	MarMet	AprART	AprMet	MayART	MayMet	JunART	JunMet	JulART	JulMet	AugART	AugMet	SepART	SepMet	OctART	OctMet	NovART	NovMet	DecART	DecMet	YTDART	YTDMet
NRSE	NAS Kingsville, TX/N7003	All			06:10	100.0									04:48	100.0	03:54	100.0					04:05	100.0			04:44	100.0

Structural ART 2020

The target 'ART' time is 7 minutes or less. The target 'Met' value expected is 90%, or greater. NOTE: Click on an ART value below to see the details behind the value.

Region	Installation	Station	JanART	JanMet	FebART	FebMet	MarART	MarMet	AprART	AprMet	MayART	MayMet	JunART	JunMet	JulART	JulMet	AugART	AugMet	SepART	SepMet	OctART	OctMet	NovART	NovMet	DecART	DecMet	YTDART	YTDMet
NRSE	NAS Kingsville, TX/N7003	All			03:29	100.0																					03:29	100.0

Technical Rescue ART 2020

The target 'ART' time is 7 minutes or less. The target 'Met' value expected is 90%, or greater. NOTE: Click on an ART value below to see the details behind the value.

Region	Installation	Station	JanART	JanMet	FebART	FebMet	MarART	MarMet	AprART	AprMet	MayART	MayMet	JunART	JunMet	JulART	JulMet	AugART	AugMet	SepART	SepMet	OctART	OctMet	NovART	NovMet	DecART	DecMet	YTDART	YTDMet
NRSE	NAS Kingsville, TX/N7003	All																			06:48	100.0					06:48	100.0

Fire Prevention, Public Education and Community Outreach

NASK F&ES Fire Prevention program remained as active as possible throughout 2020. COVID-19 put a damper on many public education tasks, fire drills, and inspections. This program completed 242 facility inspections, 118 zone inspections, 8 fire drills, and reviewed 31 construction projects. Effectively limiting fire loss to <1% of value protected. Additionally, the NASK Fire Instruction was updated and input provided to the forthcoming NASKINST 11320.M Fire Prevention Guide.

New procedures were initiated within Fire Prevention to include a fire alarm/trouble alarm tracking system and company level inspection program. Each of these enabled the fire prevention branch to be more efficient and resulted in CNRSE recognition.

Rewrote the Fire Warden Program. This allowed for a more streamlined online training and testing and provided the new fire wardens personal and specific training to the areas they are responsible for. Through the Fire Warden Program, Fire Prevention trained 95 personnel, enabling them to be designated as facility Fire Wardens.

Initial fire prevention training was conducted 12 times as a part of the installation in doctrine course; resulting in ~200 student contacts.

Fire Prevention Office also corrected 52 RAC's and 123 other deficiencies.

Training and Education

NASK F&ES personnel training requirements are associated to the duty tasks assigned within the Enterprise Safety Applications Management System (ESAMS). The CNIC goal for ESAMS driven training specific for Firefighters is 100% on F&ES 01 "Annual Safety Training", F&ES 02 "Safety Training Operations Personnel", Live Fire Training, Emergency Vehicle Operators Course, CPR, EMS certifications. All other proficiency training listed in ESAMS is required to be 90% or higher.

At the end of the year NASK F&ES was compliant with the CNIC requirements and maintained an overall completion rate within ESAMS of 95%. Over 2000 individual courses were completed, crediting over 24k man-hours of training for CY20.

NASK F&ES saw an increase in participation in the CDC course process due to the DoD Fire Academy restrictions. At the end of CY20 twenty personnel were enrolled in certification training with six completing certifications. Four firefighters attended National Registry EMT training at Del Mar College in Corpus Christi.

NASK F&ES also supported the installation by providing 50+ CPR certifications to base personnel and has planned to increase that support to 200+ in CY21 provided COVID-19 conditions allow. The end goal being that all Naval Air Station Kingsville personnel complete CPR certification.

Financial Performance

Fiscal Year 2020 (FY20) initial non-labor controls were \$224,169. NASK F&ES executed the entire amount authorized. FY20 NASK did not receive any Foreign Military Funding.

Overtime expense for FY20 was \$47,323.18. Throughout FY20 the average vacancy rate was 3 personnel. Estimated labor expense for each vacancy is 100k, including salary and benefits. NASK F&ES management of overtime and ORM staffing resulted in an estimated labor savings of \$252k.

Total O/T - PP	Vacancy	OWCP	FFLA	Sick	FMLA	US/LA	Court	Military	Special Events	Training
\$31.26	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$3,633.48	\$0.00	\$0.00	\$0.00	\$1,939.42	\$0.00	\$31.26	\$0.00	\$0.00	\$0.00	\$0.00
\$2,926.22	\$763.84	\$343.86	\$285.34	\$1,533.18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$708.62	\$161.92	\$287.30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$259.40
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$316.03	\$0.00	\$0.00	\$0.00	\$316.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$114.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$114.45	\$0.00
\$727.83	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$276.87	\$0.00	\$450.96	\$0.00
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$1,785.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,785.80	\$0.00
\$4,472.52	\$0.00	\$0.00	\$0.00	\$1,160.33	\$0.00	\$0.00	\$276.87	\$268.62	\$2,766.70	\$0.00
\$2,041.72	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$226.53	\$1,815.19	\$0.00
\$395.91	\$0.00	\$0.00	\$0.00	\$276.87	\$0.00	\$0.00	\$0.00	\$0.00	\$119.04	\$0.00
\$1,009.27	\$0.00	\$0.00	\$0.00	\$890.23	\$0.00	\$0.00	\$0.00	\$0.00	\$119.04	\$0.00
\$810.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$1,180.08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$242.11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$2,546.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$5,472.24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$18,909.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	\$0.00	\$0.00	\$0.00	\$276.87	\$0.00	\$0.00	\$0.00	\$0.00	\$119.04	\$0.00
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$47,323.18	\$925.76	\$631.16	\$285.34	\$6,392.93	\$0.00	\$31.26	\$553.74	\$495.15	\$7,290.22	\$259.40
Total O/T - PP	Vacancy	OWCP	FFLA	Sick	FMLA	US/LA	Court	Military	Special Events	Training

Awards and Recognition

NASK F&ES actively participated in the installation and Commander Navy Region Southeast (CNRSE) Fire Awards program. Multiple personnel were submitted for both Junior and Senior Civilian of the Quarter throughout the year.

The following award submittals were drafted for CNRSE level Medium Fire Department of the Year and Fire Inspector of the Year.

Fire Department of the Year (Medium) NAS Kingsville Fire & Emergency Services

EMERGENCY RESPONSE PERFORMANCE:

- Guardians; 83 aircraft/2 closed field operations/155K sorties/winged 50% of Naval Aviators
- Led city restaurant fire attack ops; snuffed fire/limited property loss--local partnership secured
- Set alliance w/7 counties; MOU's guards 8K sq mi/94K people--aided 26 emergency responses
- Took command; led 4 major multi-agency ITT exercises--ready to mitigate all known threats
- Mutual-Aid 5 alarm vacant hospital fire; led fire attack/overhaul--city historical structure saved

DEPARTMENT LEVEL AWARDS, ACCREDITATION, CERTIFICATIONS, OTHER RECOGNITION:

- EVOC program; 3 certified instructors/728 hours taught/38 certifications--cost savings of \$5K
- Installation Minor Property Manager; N3/N6/N9--96 critical items worth \$6.6M 100% secured
- Superior performers nominated; 3 Junior Civilian of the Quarter/Junior Civilian of the Year
- Authorizing Official for 4 agencies; advocate for \$229K installation budget--zero discrepancies
- Revamped fire warden program; authored new computer based training--approved/adopted

CUSTOMER OUTREACH/PUBLIC EDUCATION:

- Installation CPR Instructors; 28 classes/1.9K man-hours/252 certs issued--cost saving of \$13K
- Elite Prevention office; 5 installations/169 inspections/230 findings/123 fixed--1.8M acres safe
- Life Safety Code enforcer; identified/corrected 50 of 52 RACs--life/property safety up by 96%
- Hosted Santa ride along; truck/equipment display--joy during pandemic for 100+ kids/parents
- Enhanced fire safety awareness; published Facebook monthly message--17K viewers reached

TRAINING AND EDUCATION:

- Top Training Program; 1K classes/21.8K hours--closed 95% completion rate w/out supervisor
- Conducted NREMT class; 322 hours taught/9 re-certified--averted \$3K cost/50% service drop
- Attained education cost avoidance; 6 core training programs conducted in-house--saved \$35K
- Pandemic ready; created/taught EMS response plan, acquired SCBA P100 filters--region model
- Revalidated personnel authorization; secured 4 new hires--eased workload and attrition by 10%

INNOVATION AND INITIATIVES (SAFETY, HEALTH, QUALITY OF LIFE, etc.)

- Created small engine program; set repair shop/tracking system, fixed 20 units--\$10K cost saved
- Environment defender; led toxic 2K gallons foam swap of 6 vehicles/storage--disaster averted
- Advanced PPE cleaning/inspection program; 130 suits cleaned--averted \$40K contract payment
- Maintained SCBA program; 40 units locally tested/certified--saved Navy Region \$11K in costs
- Supported vehicle maintenance program; oldest/fragile vehicle fleet kept alive--no services lost

OTHER:

- Managed Installation Fall Protection Program; increased training/awareness--mishaps averted
- Safety Stand down advocate; educated 1.5K installation personnel--eliminated safety incidents
- Upgraded aging vehicle fleet; exchanged 1 BLS/2 Crash units--down service time cut by 50%
- Increased awareness; procured/installed fire danger sign--all base entrants provided status
- Partnered on 118 Zone Inspections; identified 53 deficiencies--ensured safety of 1.8K personnel

**Navy Fire Inspector of the Year Award
Michael D. Visser
NAS Kingsville Fire & Emergency Services**

**FIRE PREVENTION INSPECTIONS, ENGINEERING, CODE COMPLIANCE,
ENFORCEMENT:**

- Unrivaled Prevention program; 169 inspections /230 deficiencies/123 abated--1.8M acres safe
- Partnered on 118 zone inspections; identified 53 deficiencies--ensured safety of 1.8K personnel
- Prevention lead; managed/reviewed/accepted 31 construction projects--ensured \$114M protected
- Managed fire trouble alarm tracking system; 149 work orders/111 closed--\$1B at risk/0 loss
- Executed 8 fire drills; educated/provided safe evacuation training--enhancing young minds

**DEVELOPMENT AND CONTRIBUTION OF COMMUNITY AND PUBLIC
EDUCATION PROGRAMS:**

- Face of department; conducted 12 in-doc classes--100% installation personnel contacted
- Installation fire extinguisher trainer; 1.8K trained--airfield/base/tenants 100% mission ready
- Revamped fire warden program; authored new computer based training--95 members trained
- Improved installation readiness; certified ITT member--coordinated/evaluated 8 base exercises
- Increased fire safety awareness; published Facebook monthly message--17K viewers reached

INITIATIVE, RESOURCEFULNESS, AND CREATIVITY:

- Outstanding instructor; trained/mentored 8 captains--expertise obtained ensures program success
- Updated fire bill; modernized required safety document--installation uniformity in 21st century
- Initiated ORM process; implemented region documents for leaders--corrective actions increased
- Increased awareness; procured/installed no cost fire danger sign--base entrants provided status
- Involved; active member of Navy Prevention Working Group--committed to career excellence

ACCOMPLISHMENTS, SERVICE AND AWARDS:

- Rewrote fire warden program; authored new computer based training--approved/adopted
- Fire investigator; led 2 fire investigations/determined cause/local training--zero reoccurrence
- Authored Fire Prevention Bill; identified/corrected discrepancies--leaders have best information
- Partner advocate; trained local department on data base system--increased relationship/information
- Created NAVFAC working group; conducted monthly meetings--project faults corrected early

OTHER (anything not covered under the other headings):

- Overhauled data base; remedied many discrepancies--information analysis/deciphering better
- Re-instituted DOT 704 program; fire wardens trained/sources--responder safety bolstered
- Reestablished KNOX program; obtained facility keys--quicker/easier access reduces damage
- Life Safety Code enforcer; identified/corrected 50 of 52 RACs--life/property safety up by 96%
- Versatile during pandemic; coordinated virtual story time--kept department involved with kids

NAVFAC Fire Protection Systems

Inspection, Testing and Maintenance (ITM) of Fire Protection Systems was an ongoing issue throughout CY20, with all facilities with systems being impacted. A lack of designated, qualified NAVFAC personnel resulted in unverifiable ITM incidences and/or ITM conducted by non-qualified personnel.

NAVFAC Jacksonville Fire Protection Engineers (FPE) supported local NAVFAC by conducting ITM on facilities in CY17 and again in CY18. None were conducted in CY20 because of COVID travel restrictions. Due to time constraints on both visits these FPE’s were not able to address every facility. This resulted in some facilities being 1 or more years’ delinquent in ITM requirements. During these visits NAVFAC FPE’s trained and qualified local NAVFAC personnel on these procedures with the intent that they then be able to perform the required ITM. However, the NAVFAC FPE’s did not provided agreed upon designation letters for those personnel and until those are in place these individuals remain unqualified.

Fire Alarm System ITM Frequency	Monthly	Annual	2 Year	5 Year
Total Systems	73	73	73	73
Total In Compliance	2	28	0	0
Total Delinquent	71	45	73	73
Percentage Delinquent	97.26%	61.64%	100.00%	100.00%

Fire Suppression ITM Frequency	Monthly	Annual	2 Year	5 Year
Total Systems	39	39	39	39
Total In Compliance	2	19	0	0
Total Delinquent	37	20	39	39
Percentage Delinquent	94.87%	51.28%	100.00%	100.00%

External System Relationships (Mutual Aid Agreements)

NASK F&ES maintains current Mutual Aid Agreements (MAA) with the City of Kingsville, Coastal Bend Council of Governments, Nueces County Emergency Services District #3, and City of Alice Fire & Emergency Services Departments. A combined agreement with Kleberg County includes both the City of Ricardo and the City of Riviera Fire Departments.

Additional MAA's in process include those departments responding to the McMullen County and Freer areas; providing coverage for Dixie and Yankee facilities.

Recent assessment of the ROTH sites resulted in the realization that those areas were previously overlooked and will need MAA's developed with the local response agencies. One final MAA shortfall being addressed will allow for Naval Health Clinic Corpus Christi to provide annual calibration and certification for Automatic External Defibrillators located throughout the installation.

Current MAA's require review every 5 years and must be renewed every 10 years. The following dates pertain only to those MAA's already in place.

Current MAA's

AGENCY	DATE SIGNED	REVIEW DATE	RENEW DATE
City of Kingsville	22-Aug-16	22-Aug-21	22-Aug-26
City of Alice	9-Mar-17	9-Mar-22	9-Mar-27
Kleberg County	26-Jul-17	26-Jul-22	26-Jul-27

The majority of mutual aid support for CY20 was driven by responses in Kingsville City, and has been addressed in the Emergency Response section of this document. In CY20 there were instances of support coming onto the installation, these responses were comprised of City of Kingsville Advanced Life Support units and met required response times.

Internal Program Appraisal Process

NASK F&ES completed its internal program appraisal in December of 2020. This appraisal was completed by the Assistant Chiefs and Station Chiefs of Operations, and the Fire Prevention Inspector.

The goal of this internal assessment is bridge the gap between formal appraisals conducted by outside agencies and the programmatic knowledge provided by the NASK F&ES Chief Officers and personnel that manage those programs on a day to day basis. The next scheduled formal appraisal is December 2021.

This this iteration documented an overall evaluation, equipment needs, personnel needs, strengths, and weaknesses. A rating score was assigned for each appraisal based on the following methodology.

- **Satisfactory** – Program is meeting identified requirements with no noted shortfalls or expected shortfalls between appraisal date and next year’s appraisal.
- **Marginal** – Program is currently meeting identified requirements but shortfalls have been noted that may negatively impact program compliance within the next 12 months.
- **Needs Improvement** – Program is meeting response requirements but has programmatic issues that can be rectified within the next 12 months.
- **Unsatisfactory** – Program has either/or a combination of issues resulting in inability to meet response time requirements, non-compliance with governing regulations; or significant programmatic issues that will result in the above and will not be correctable within the next 12 months.

This internal review program will continue to be improved in CY21.

The following programs were internally assessed and subsequent findings follow.

- Fire Suppression
- Fire Prevention / Public Education
- Technical Rescue
- Emergency Medical Services
- Hazardous Materials
- Aircraft Rescue and Firefighting

Fire Suppression Program Appraisal

Internal Rating Score: Satisfactory

Evaluation: NASK F&ES is able to meet the requirements necessary for an effective structural firefighting program. Aggregate Response Times are being met, PPE and SCBA programs are in compliance, and required training is being completed. All personnel maintain current physicals and have been cleared for firefighting operations.

Equipment Needs: NASK FES Structural inventory currently meets local expected fire suppression requirements. However, as vehicles are different Pierce models with different compartment designs, tools and equipment are not standardized across the board. Some makes and models of power tools are outdated resulting in difficulty locating replacement parts when serviced.

Personnel Needs: Overall staffing continues to be an issue and is addressed in other areas of this report. Training needs are addressed in the training program review portion.

Strengths: Recent turn over in personnel and promotions have provided an opportunity for rapid change in culture, resulting in renewed interest in realistic training and ultimately better fire ground actions.

Weaknesses: Lack of a qualified fire truck mechanic results in increased down time for emergency apparatus while public works transportation personnel trouble shoot and attempt to correct maintenance issues. Limited call volume negatively influences morale and causes complacency, ultimately resulting in a degradation of necessary skills.

Fire Prevention / Public Education Program Appraisal

Internal Rating Score: Satisfactory

Evaluation: NASK F&ES provides an efficient and effective Fire Prevention / Life Safety Program. All facilities receive required inspections, fire investigations are completed when necessary and community outreach/fire education meets the needs of the installation population and associated risk.

Equipment Needs: No outstanding needs identified.

Personnel Needs: Fire Prevention is allocated one GS-0081 08 Fire Inspector position. The amount of responsibility and workload attributed to this program warrants the position to be upgraded to the Assistant Chief of Prevention level. Further specific training and certification as Plans Examiner and in current fire investigation procedures would benefit the program and department.

Strengths: Reporting and tracking process developed allow for immediate notification of facility fire suppression and alarm system issues. This has ensured all necessary personnel are aware of identified short falls and the mitigating actions being taken.

Weaknesses: With only one assigned Fire Inspector there will be limited pass on of information if that individual were to leave. Continued issues related to system inspection, testing and maintenance, while not "owned" by Fire Prevention, will remain a primary concern. Tracking open ESAMS deficiencies and ensuring personnel take required action within 30 days has been neglected, plans are in place to correct.

Technical Rescue Program Appraisal

Internal Rating Score: Marginal

Evaluation: NASK F&ES is partially able to meet the requirements necessary for an effective Technical Rescue Program. Aggregate Response Times are being met, programs are in compliance, and required training is being completed. NASK F&ES provides confined space rescue and vehicle machinery rescue levels of service. Currently 28% of Operations personnel do not have Confined Space certification. Immediate efforts will need to be made to train all personnel to the Confined Space level to ensure adequate numbers of certified personnel are able to respond.

Equipment Needs: Current in-service and overstock equipment needs are being met.

Personnel Needs: Overall staffing shortages are addressed in other areas of this report.

Strengths: Certified personnel are involved in all aspects of the program to include; purchasing, protocol, standard review, and training.

Weaknesses: Low call volume can result in loss of skill set without adequate training and potentially increases complacency. Reduction in certified/qualified personnel creates instances where staffing may not allow for confined space entry.

Emergency Medical Services Program Appraisal

Internal Rating Score: Satisfactory

Evaluation: NASK F&ES is able to meet the requirements necessary for an effective EMS Program. Aggregate Response Times are being met, programs are in compliance, and required training is being completed. NASK F&ES provides an efficient and effective EMS Response Program at the Basic Life Support (BLS) level. Advanced Life Support needs are met through mutual aid agreement with the City of Kingsville Fire Department.

Equipment Needs: NASK F&ES EMS equipment inventory currently meets required BLS services delivered. No service shortfall due to equipment readiness was reported for 2020. NASK FES NFPA 1500 committee forum will be used to correct noted deficiencies or implement new/innovating equipment.

Personnel Needs: Overall staffing shortages are addressed in other areas of this report. NASK F&ES

NREMT/CPR/AED certification currently stands at 93% (43 of 46 assigned).

Strengths: Personnel are extremely involved in all aspects of the EMS Program, to include; purchasing, inventory control, protocol and standard review, and the QA/QI process.

Weaknesses: Staffing shortages and lack of NREMT qualified applicants means the department continues to bring in personnel without this certification, but are required to obtain within 12 months of start date as a condition of employment. AED equipment calibration process is satisfactory; all AEDs are calibrated at NASCC.

Hazardous Material Program Appraisal

Internal Rating Score: Satisfactory

Evaluation: NASK F&ES is able to meet the requirements necessary for an effective HazMat Program. Aggregate Response Times are being met, programs are in compliance, and required training is being completed. NASK F&ES provides an efficient and effective HazMat Response Program at the Operations Level. Recent change in Scope of Services reduced NASK F&ES to Operations from Technician level based on number of responses and risk aboard the installation.

Equipment Needs: Current equipment needs are being met.

Personnel Needs: Overall staffing shortages are addressed in other areas of this report. ORM staffing levels require the use of mutual aid to support full HazMat Operations when necessary.

Strengths: The reduction to Operations Level response has enabled the department to focus on a more limited HazMat Program, reduced the training hours required to stay proficient, and allowed more time to be spent on other programs.

Weaknesses: Low call volume can result in loss of skill set without adequate training and potentially increases complacency.

Aircraft Rescue and Firefighting Program Appraisal

Internal Rating Score: Satisfactory

Evaluation: NASK F&ES is able to meet the requirements necessary for an effective ARFF Program. Aggregate Response Times are being met, programs are in compliance, and required training is being completed.

Equipment Needs: NASK F&ES ARFF equipment inventory on all staffed apparatus currently meets local expected Airport Rescue and Firefighting requirements as outlined in NAVAIR 00- 80R-14. However, as vehicles are different OSHKOSH models with different compartment designs, tools and equipment are not standardized across the board. As funds become available or as unfunded requirements, two rescue saws and the required equipment listed in NAVAIR 00- 80R-14 to outfit our reserve apparatus will need to be purchased. No service shortfall due to equipment readiness was reported for 2020.

Personnel Needs: Overall staffing shortages are addressed in other areas of this report.

Strengths: Recent turn over in personnel and promotions have provided an opportunity for rapid change in culture, resulting in renewed interest in realistic training and ultimately better fire ground actions.

Weaknesses: Complacency due to low call volume has resulted in skill degradation evidenced during training and real world evolutions. This is being addressed through updates made in the training program.