

171st Air Refueling Wing



2020 VIRTUAL SAFETY DOWN DAY

**All associated files can be viewed on
the [Wing Safety SharePoint site](#)**

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OVERVIEW



■ ~~Safety Staff and SharePoint Site Overview~~

■ ~~WG/CC Safety Message~~

■ ~~Local Mishap Rates~~

■ Airman Safety Action Program (ASAP)

■ Mishap Reporting

■ Summer Safety

■ Boating Safety

■ Slips, Trips, Falls

■ ~~Local Safety Issues~~

■ Fire Safety

Items that are struck through have been removed from this briefing. Please visit the Wing Safety SharePoint Site for the complete briefing.

Additional Training Available:

- [Motorcycle Safety Training](#)
- [Annual Privileged Brief](#)
- [ISB Annual Training](#)
- [OSHA Reception Plan](#)
- [Mishap Response Plan](#)



171 ARW SAFETY STAFF



The most important Safety member is:

YOU!

Safety is everyone's responsibility

It starts with the culture YOU build!

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Safety SharePoint Site



Visit the Wing Safety SharePoint Site for tons of great info!



- Select: “Wing Staff” then “Safety”

- [CLICK HERE TO VISIT SITE](#)



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Safety SharePoint Site



Local Wing Site:

- Offers quick access to key programs and important links

- [CLICK HERE TO VISIT SITE](#)

171st Air Refueling Wing
WING SAFETY

171ARW SAFETY HOME PAGE (INTELINK)

FLIGHT SAFETY **OCCUPATIONAL SAFETY** **WEAPONS SAFETY**

MISHAP RESPONSE PLAN **SUBMIT AN ASAP**
Airman Safety Action App

APPLY FOR MOTORCYCLE ACCOUNT **OSHA RECEPTION PLAN**

UNIT SAFETY REP **SAFETY PUBS & FORMS**

Links

new link or edit this list

URL	Notes
Safety Forms and Pubs Library	
AFI 91-204 - Safety Investigation and Hazard Reporting	--- This instruction establishes guidance and procedures for conducting safety event investigations and report writing throughout the USAF.
AFMAN 91-223 - Aviator Safety Investigations and Reports	--- This manual supplements AFI 91-204, Safety Investigation and Hazard Reporting, with USAF aviator safety-specific procedures and techniques.
AMC Form 97 - RE Worksheet	--- Fill out AMC Form 97 for any unusual event or damaging bird strike.
AF Form 853 - Wildlife Strike Report	--- Fill out AF Form 853 for any wildlife strike.
IS/ISB 'Go Packet' / Training	--- Link to AFSECY IS/ISB training and related documents.
Newcomer Briefing	--- Link to 171ARW Newcomer's Briefing
2020 Virtual Safety Down Day	--- Due to COVID-19, the 2020 Safety Down Day Scheduled for 30APR2020 has been cancelled. The event documents/ presentations are at the attached link.



Safety SharePoint Site



■ Wing Safety IntelShare site:

- Offers greater depth and program resources
- Main page includes:
 - ◆ Announcements
 - ◆ Key Programs
 - ◆ USR info
 - ◆ Motorcycle Safety
 - ◆ Contractor Safety
 - ◆ Inspection Schedules
 - ◆ Forms

■ [CLICK HERE TO VISIT SITE](#)

**Lauded by ANG/Safety
as a benchmark site!**

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Safety SharePoint Site



Occupational Safety IntelShare site:

- Offers greater depth and program resources
- Occ Page includes:
 - ◆ Announcements
 - ◆ Key Programs
 - ◆ Traffic Safety
 - Motorcycle Safety
 - ◆ Inspection Schedules
 - ◆ Risk Management

[CLICK HERE TO VISIT SITE](#)

Occupational Safety Dashboard

Publications and Forms

new link or edit this list

URL

AFPM 90-803 - Risk Management (RM) Guidelines and Tools

AFI 91-101 - AF Nuclear Weapons Surety Program

AFI 91-202 - The US Air Force Mishap Prevention Program

AFMAN 91-203 - Air Force Consolidated Occupational Safety Instruction

AFI 91-204 - Safety Investigations and Reports

AFI 91-207 - USAF Traffic Safety Program

AFI 91-208 - Hazards of Electromagnetic Radiation to Ordnance (HERO) Certification and Management

DDO Instructions

Unified Facilities Criteria

AFI 91-103 - AIR FORCE NUCLEAR SAFETY DESIGN CERTIFICATION PROGRAM

AFI 63-125 ANG SUP - NUCLEAR CERTIFICATION PROGRAM

AFI 90-801 - ESOH Council

AFI 90-802 - Risk Management

AFI 90-802 AMC SUP - Risk Management

AFI 91-202 - USAF Mishap Prevention Program

AFI 91-202 AMC SUP - USAF Mishap Prevention Program

AFI 91-202 ANG SUP - USAF Mishap Prevention Program

Key Programs

new item or edit this list

Program	Date Reviewed	Reviewed By	Review Due	Annual Review Document
Confined Space Program	5/29/2020	Mr. David Sparkman	5/28/2021	Confined Space Program Annual Review
Fall Protection Program	1/24/2020	SSgt Patrick Olish	1/29/2021	Fall Protection Program Annual Review
Hazardous Energy Control Program (LTOE)	2/28/2020	Mr. David Sparkman	2/26/2021	HEC Program Annual Review
Traffic Safety Program	5/7/2020	SSgt Patrick Olish	5/7/2021	Traffic Safety Program Annual Review
GVO / LSV Safety Program	3/26/2020	SSgt Patrick Olish	3/26/2021	GVO / LSV Safety Program Annual Review



Safety SharePoint Site



■ Flight Safety IntelShare site:

- Offers greater depth and program resources
- Flight Page includes:
 - ◆ Announcements
 - ◆ Key Programs
 - ◆ ISB/SIB Documents
 - ◆ Inspection Schedule
 - ◆ Inspection Results

■ [CLICK HERE TO VISIT SITE](#)



Additional Safety Training



■ Motorcycle Safety Training

- All “on base” Motorcycle riders must accomplish the training – ANNUALLY

■ Training required by email invite. Check your email:

- Interim Safety Board (ISB) Training
- Annual Privileged Briefing
- OSHA Reception Training

171st Air Refueling Wing



WG/CC Safety Down Day Message

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WG/CC

Safety Down Day Message



- [Click here to view the message](#)

171st Air Refueling Wing



Local Mishap Rates

Not Included in this briefing

171st Air Refueling Wing



Airman Safety Action Program (ASAP)

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ASAP APP DOWNLOAD



Use these QR codes to download the ASAP App on your Personal Device





ASAP SUBMISSION



- To Submit an ASAP:



- Select: "Wing Staff" then "Safety"

- Select: "Submit an ASAP"

- Select the Green Box or visit:

<https://asap.safety.af.mil/#/s/8>

If you wish to submit an ASAP, visit our SharePoint Site below!





ASAP Overview



Select branch of service:

Who?

US Air Force

US Navy / US Marine Corps

US Coast Guard

+ Review Prior Q&As.

Back to Airman Safety App Homepage

Describe what happened and/or what was observed. (required)

Be advised—information provided via an ASAP report is not protected by Safety Privilege. Any mandatory safety reportable incident will be forwarded to the applicable safety office for investigation. If you provide sufficient event information, no further action on your part should be necessary.

Test Test Test This message was input by the CoS for identifying notification of a ground safety submission Test Test Test

What?

3876 characters left

Continue

+ Review Prior Q&As.

Back to Airman Safety App Homepage

What is your recommended corrective action?

Test Test Test This message was input by the CoS for identifying notification of a ground safety submission Test Test Test

How To Fix?

3877 characters left

+ Review Prior Q&As.

Select the date of the event

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	01	02	03	04
05	06	07	08	09	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	01
02	03	04	05	06	07	08

When?

Continue

+ Review Prior Q&As.

Back to Airman Safety App Homepage

Submitting an ASAP is easy. Just answer the 5 Ws. Local Safety issues get routed directly to our office.



ASAP Overview



Enter the time of the event. (required)

Local Zulu

Local time: 15 30

Zulu time: HH MM

When?

This report is related to:

- Aviation Safety (Ops, Mx, ATC, etc)
- Occupational (Ground) Safety
- Weapons Safety
- Space Safety

Aviation or Ground?

Continue

+ Review Prior Q&As.

Back to Airman Safety App Homepage

+ Review Prior Q&As.

Back to Airman Safety App Homepage

Select the base best able to address this report, frequently the nearest base. (required)

Pittsburgh IAP ARS

What Base?

What is the location of the event?

Test Test Test This message was input by the CoS for identifying notification of a ground safety submission Test Test Test

877 characters left

Add Latitude & Longitude (optional)

Where?

Continue

+ Review Prior Q&As.

Back to Airman Safety App Homepage

Continue

+ Review Prior Q&As.

Back to Airman Safety App Homepage



ASAP Overview



Was there any injury or damage?

No Injury or Damage

Injury Only

Damage Only

Injury & Damage

+ Review Prior Q&As.

What?

Submit

Back to Airman Safety App Homepage

Did this event involve a motor vehicle?

Yes

No

I Don't Know

+ Review Prior Q&As.

What?

Submit

Back to Airman Safety App Homepage

What was your role in this event?

Worker/Maintainer

Continue

+ Review Prior Q&As.

Who are you?

Submit

Back to Airman Safety App Homepage

Is any of the information you supplied, including uploaded material, CLASSIFIED or could it compromise Operations Security (OPSEC)? If you are unsure, contact your unit security manager now.

Yes

No

+ Review Prior Q&As.

Classified?

Back to Airman Safety App Homepage



ASAP Overview



Before submitting your report, note:

1. Information provided via an ASAP report is not protected by the Safety Privilege.
2. If you provided your name as part of this report, your identity will not be reported to your chain of command, unless your report is of a willful violation of rules or regulations.
3. Punitive actions may not be taken against you for reporting hazardous occurrences or conditions unless your report is of a willful violation of rules or regulations.

ASAPs can be unanimous, however submitting your contact information will aid in quicker resolution. We at the Wing Safety Office ensure your information is protected.

I understand

You are encouraged to supply your contact information in case any follow-up is necessary; however, you may remain anonymous.

Grade

Last Name*

First Name*

Organization

Office Symbol

Email

Phone*

I understand

You are encouraged to supply your contact information in case any follow-up is necessary; however, you may remain anonymous.

I wish to withhold my contact information and remain anonymous.

Final note: Your entire submission will be automatically encrypted before any data is sent from your device.

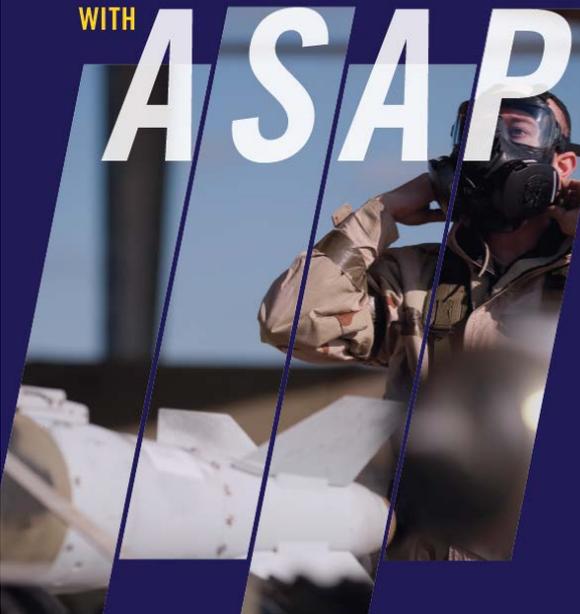
Identify yourself or Not?



Post a Poster



REPORT HAZARDS WITH ASAP



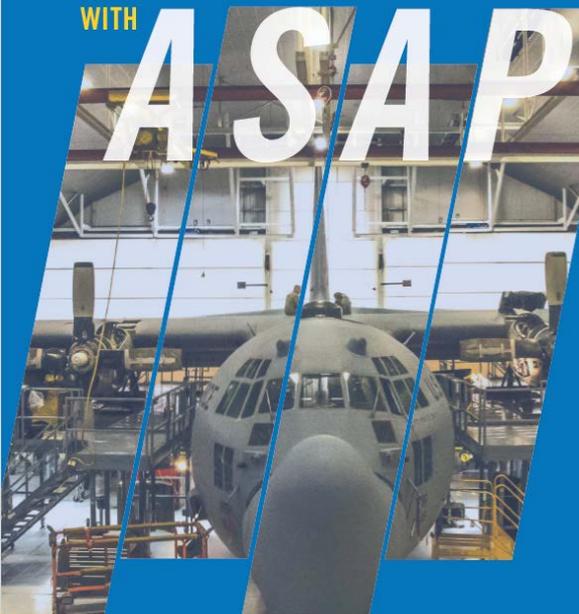
REPORT NEAR MISSES, ERRORS AND HAZARDS WITH AIRMAN SAFETY ACTION PROGRAM (ASAP)

- Reporting is quick & easy at <https://asap.safety.af.mil>
- Identities of Airmen are protected
- ASAP is non-punitive

File ASAP reports through the Airman Safety App. <https://asap.safety.af.mil>
Please contact your Wing Safety Office for additional ASAP information.



REPORT HAZARDS WITH ASAP



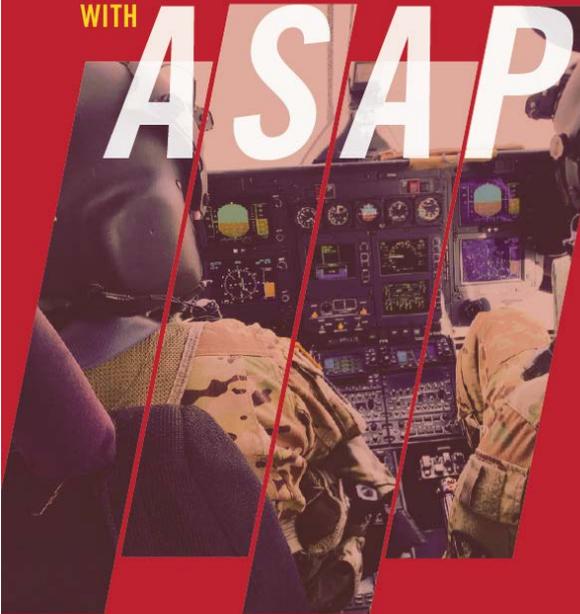
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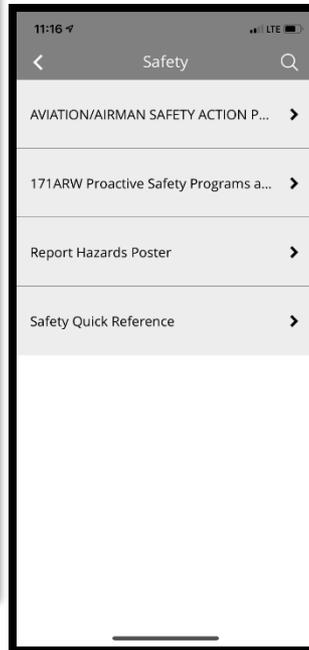
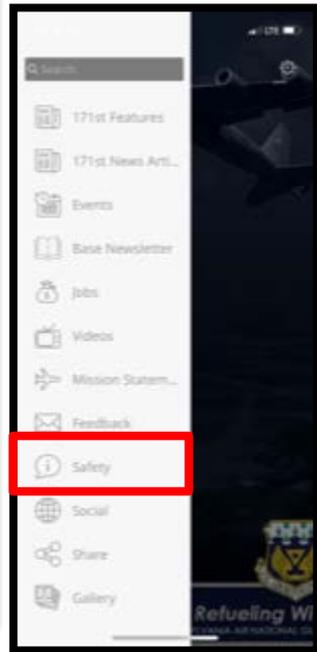
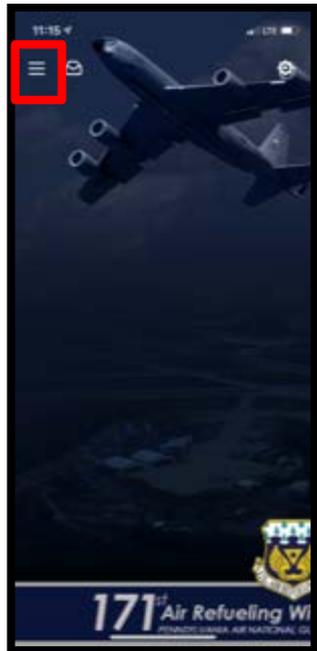
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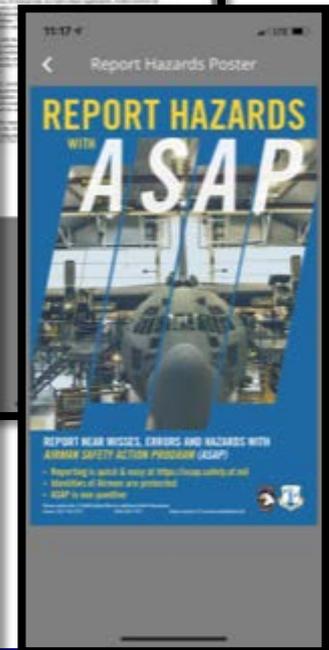
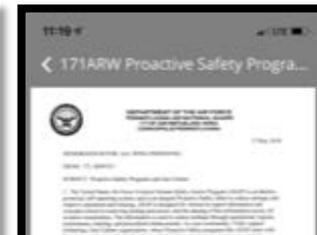




Base Application



A variety of Safety information can be found on the Wing App.





Questions?



If you haven't already downloaded the ASAP app, quick, use these QR codes to download to your personal electronic device!



171st Air Refueling Wing



MISHAP REPORTING

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MISHAP REPORTING AF FORM 978



- If there is a mishap, involving DoD personal or property, it needs to be reported.
- Notify your supervisor
- Complete AF Form 978 and send it to Safety Office
- Information is only used for trend analysis and mishap prevention
- [CLICK HERE TO DOWNLOAD FORM](#)

If you are involved in a mishap while in a duty status, please get with your supervisor to submit a FORM978

Authority: Executive Order 12196, 29 CFR 1625.830, and 5 U.S.C. 552a. Information protected by the Privacy Act of 1976. Do not release this information to the public without the approval of the Air Force Office of Special Investigations (AFOSI) and to ensure proper reporting accountability and to ensure proper reporting accountability, the Department of Defense may take appropriate action to eliminate or reduce the risk of recurrence. (d) Provide requested information may delay approval.

1. NAME (Last, First, Middle Initial) _____

5. UNIT/OFFICE SYMBOL _____ 6. DUTY STATION _____

9. DATE OF MISHAP _____ 10. TIME OF MISHAP (24hr Format) _____ 11. MISHAP OCCURRED _____ 12. ON/OFF DUTY _____ 13. DUTY STATUS _____

14. DAYS SCHEDULED TO WORK (check all that apply)
 SUN MON TUES WED THURS FRI SAT

15. WORK SHIFT HOURS (24hr Format) _____ to _____ 16. HOURS ON DUTY PRIOR TO MISHAP _____

17. WEATHER CONDITIONS _____ 18. LIGHT CONDITIONS _____ 19. # DAYS SINCE LAST DEPLOYMENT/TDY _____ 20. # DAYS DEPLOYED/TDY IN LAST 365 DAYS _____

21. LOCATION OF MISHAP SITE (bldg. #, room, street name, intersection, parking lot, home, work, etc.) _____

22. DESCRIPTION OF MISHAP (who, what, when, where, and why; indicate the cause (s); if more space is needed use separate sheet (s) of paper) _____

23. WITNESSES _____ 24. WITNESS NAME(S) _____

25. DISPOSITION OF INDIVIDUAL (check all that apply to include the number of days)
 No Medical Treatment needed or sought
 Returned to restricted duty _____ number of days
 Admitted to Hospital _____ number of days
 Treated and released back to regular duty hours
 Placed on quarters _____ number of days
 Place on con leave for _____ number of days
 First/Settled aid only

26. TYPE OF INJURY/INJURIES (i.e., bruise, fracture, cut, sprain, etc.) _____

27. BODY PART(S) INJURED (i.e., lower back, head, right knee, etc.) _____

Comments _____

AF FORM 978 20140403



HAZARD REPORTING AF FORM 457



- Identify hazardous conditions that place Airman or property at risk
- If you can eliminate the hazard – fix it
- Notify your co-workers of hazard
- Submit a 332 (work order):
 - usaf.pa.171-arw.mbx.ces-work-order-request-af332@mail.mil
- Submit a AF Form 457 Hazard report to safety office
 - usaf.pa.171-arw.list.safety@mail.mil
- [CLICK HERE TO DOWNLOAD FORM](#)

If you have identified a Hazard, submit a FORM457 and or use the ASAP app for reporting

HAZARD	
To be completed IAW	
To: Installation Safety Office (Organ	
PART I	HAZARD (To be
Description (Date, Time, Summary - Wh	
Type (Unsafe procedures, practices or conditions affecting flight, occupational (ground), weapons, systems or space safety. Is health or fire hazard involved?)	
Recommendations (Optional)	
PART II INVESTIGATION OF HAZARD	
Investigator Summary	Valid Hazard <input type="radio"/> Yes <input type="radio"/> No Risk Assessment Code (RAC) <input type="text"/>
Date Investigated	Investigator (Name, Grade and Title/Position) Signature
AF Form 457, 20151117	
Previous editions commonly in use as of date of this form are authorized - All others are obsolete.	
Adobe® LiveCycle® Designer ES4 OPR: HQ AFSEC/SEGS	



SAFETY



SUMMER SAFETY



OVERVIEW



-
- **Summer Travel Safety**
 - **Motorcycle Safety**
 - **Sun Safety**
 - **Boating Safety**
 - **Pool and Water Safety**
 - **Grilling and Fire Safety**
 - **Food Safety**
 - **Alcohol Consumption**
 - **COVID-19 Precautions**



Summer Travel Safety



Before Traveling

- Check tire pressure
- Check fluid levels
 - (antifreeze, brakes, windshield washer)
- Ensure Spare Tire is Full
- Have an operable tire jack in the vehicle
- Ensure all lights are in proper working condition
 - (brake lights, turn signals, 4-ways, fog lights, high and low beams)



Plan Ahead

- Choose direct routes on safe roads
- Keep an eye on weather forecasts

Follow ALL traffic laws and posted road markings.

NEVER drive or while impaired



Motorcycle Safety



Before You Ride

- Check tire pressure and tread depth
- Make sure brakes headlights and turn signal indicators are in working order.
- Always ride with a helmet
- Wear other protective gear such as gloves, jacket and pants.
- Position yourself in the lane where drivers can see you.
- Make yourself visible; keep lights on, wear bright colors, and use reflective tape.

MUSTT Account

- If you ride a motorcycle or have individuals within your organization, motorcycle riders must enroll with the Air Force Safety Automated System (AFSAS). Motorcycle riders, visit the 171ARW Safety SharePoint site for a link to apply for a Motorcycle Unit Safety Tracking Tool (MUSTT) account.



Summer Sun Safety



- Use with the appropriate SPF
- Re-apply sunscreen as necessary, especially while swimming or sweating
- Remain hydrated.
 - Drink plenty of fluids.
 - Drink water.
 - Drink alcohol in moderation.
- Wear a hat and sunglasses to stay protected from the sun





Boating Safety



- **Perform a pre-trip safety inspection of vessel before setting sail**
- **Utilize a pre-departure checklist to ensure the proper gear is on board.**
- **Always check local, route and destination weather and water before departure and ensure it is safe to go out**
- **Operate at a safe speed at all times (especially in crowded areas)**
- **Assign and fit each member of your onboard team with a life jacket prior to departure**
- **Operating a boat while intoxicated is illegal**
 - **designate a sober skipper before leaving the dock**





Pool and Water Safety



- Always supervise weaker swimmers
- Appoint a sober lifeguard.
- Make sure children are never left unattended
- Fit children with properly fitting life vest
- Keep children within arms reach while in the pool.
- Never drink alcohol while swimming or supervising swimmers.
- Never dive into shallow water





Grilling and Fire Safety



-
- **Never leave a lit or hot grill unattended**
 - **Appoint a responsible adult to stand guard as a “Grill Master” to control flames and keep children away from hot surfaces.**
 - **Make sure the grill is ready for the job**
 - **Keep clean of grease**
 - **Inspect propane fuel lines**
 - **Inspect all knobs for proper functionality**
 - **Position your grill away from structures, trees, and high-traffic walkways**
 - **Keep an extinguisher nearby**



Food Safety



- **Avoid cross-contamination with plenty of handwashing**
- **Cold foods should be kept on ice or refrigerated and left out no longer than one hour**
- **Warm foods should be kept heated to at least 140 degrees until served**
- **Keep all outdoor buffet dishes covered to keep insects from depositing germs.**
- **Stay hydrated or seek medical assistance if you become sick**





Alcohol Consumption



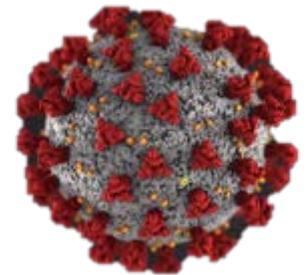
-
- **Stay hydrated**
 - **Drink a bottle of water between alcoholic beverages**
 - **Don't drink if you are going to be swimming, driving, motorcycle or bicycle riding or boating.**
 - **Always drink responsibly.**
 - **Drink in moderation**
 - **Don't be – “That Guy”**



COVID – 19 Precautions



- **Continue social distancing protocol**
- **Wear a mask if you go to the store or are in larger groups of people.**
- **Maintain 6 feet of separation.**
- **Avoid sharing food or drink with others.**
- **Avoid unnecessary physical contact with others**
- **Make sure all surfaces and utensils are properly sanitized**
- **Wash your Hands!**



BOATING SAFETY BASICS



U.S. COAST GUARD





Homeland
Security

FOUR PRINCIPALS OF SAFE BOATING



1. WEARING LIFE JACKETS SAVES LIVES

1. Always Wear Your Life Jacket

2. BOAT EDUCATION SAVES LIVES

1. Take a Boating Course

3. SAFE BOATS SAVE LIVES

1. Get a Free Vessel Safety Check

4. SAFE AND SOBER BOATING SAVES LIVES

1. Never Boat Under the Influence (its against the law)





Homeland
Security

WEARING LIFE JACKETS SAVES LIVES



- IN 2018 THE COAST GUARD COUNTED 4,145 ACCIDENTS THAT INVOLVED 633 DEATHS, 2,511 INJURIES AND APPROXIMATELY \$46 MILLION DOLLARS OF DAMAGE TO PROPERTY AS A RESULT OF RECREATIONAL BOATING ACCIDENTS.
- 77% OF FATAL BOATING ACCIDENT VICTIMS DROWNED.
- 84% OF THOSE VICTIMS WERE NOT WEARING A LIFE JACKET





Homeland
Security

BOAT OPERATION SAVE LIVES

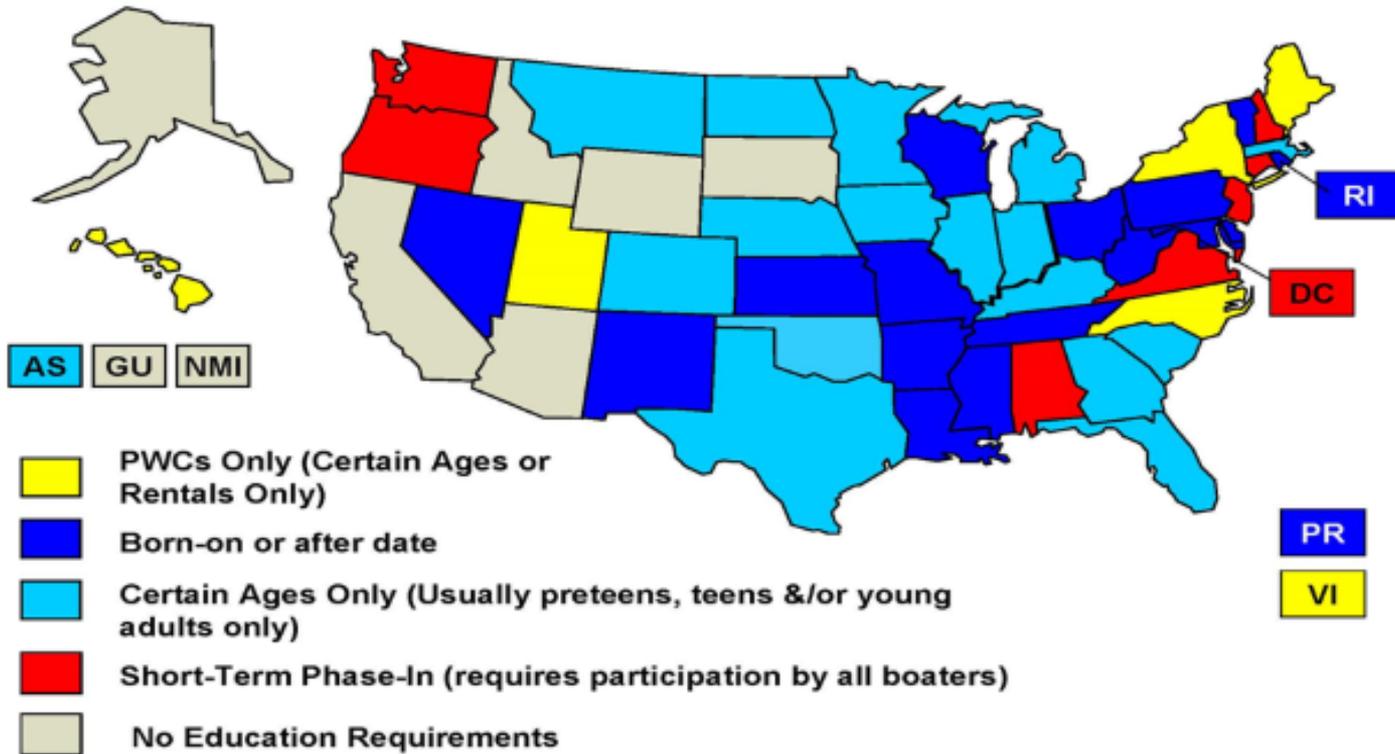


- IN 2018 387 BOAT ACCIDENTS, 40 BOAT OPERATOR DEATHS, AND 213 BOAT INJURIES OCCURRED WHEN THE BOAT OPERATORS INVOLVED ACCIDENTS NEVER COMPLETED A SAFE BOATING COURSE.





States Requiring Motorboat Operator Proof of Education



Note that each state has unique requirements that may impact different age operators.



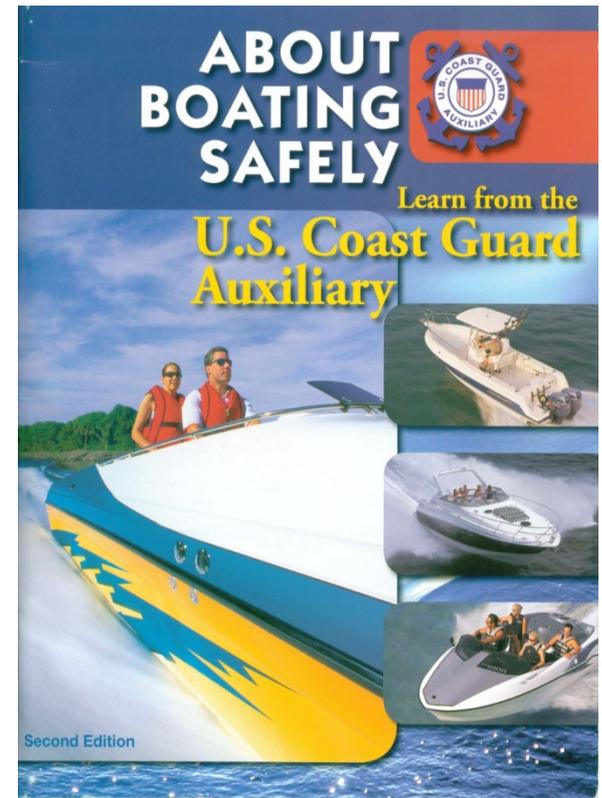
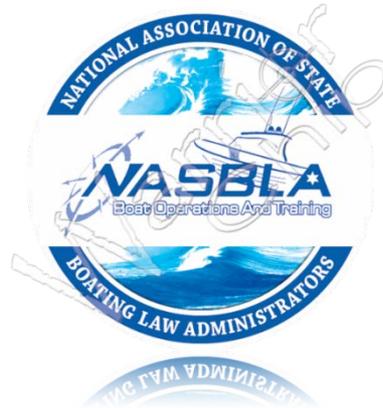
Homeland
Security

LEARN FROM THE PROFESSIONALS



- A USCG AUXILIARY COURSE
- PA FISH AND BOAT COMMISSION BOATING SAFETY COURSE
- WWW.BOATEREXAM.COM

YOU WANT TO MAKE SURE
IT IS NASBLA APPROVED.





Homeland
Security

BOAT REQUIREMENTS



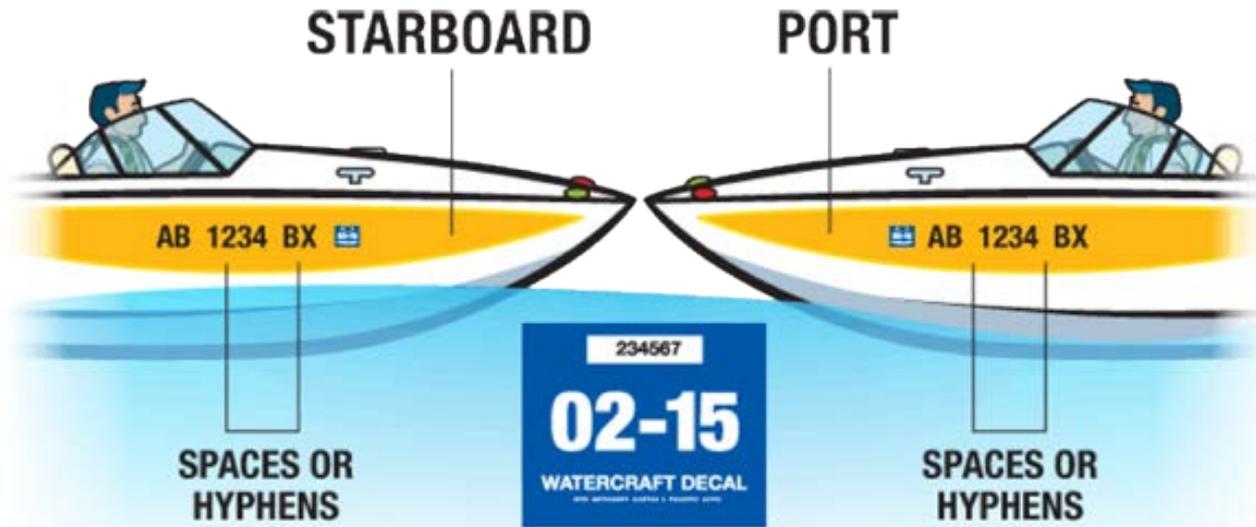
REQUIRED SAFETY ITEMS FOR BOATS 16'-26'

SOME REQUIREMENTS CHANGE FOR LARGER BOATS





DISPLAY OF HULL NUMBERS



Validation decal placement within 6 inches of letters varies by state.



- CURRENT & VALID
- REGISTRATION AND HIN NUMBERS MATCH THE HULL
- DESCRIPTION MATCHES THE BOAT

PLACEMENT ON BOAT:
PAINTED OR ATTACHED TO
EACH FORWARD HALF OF VESSEL



PA 0000 BD 18

SPACING—HYPHEN OR EQUIVALENT SPACE BETWEEN 3 PARTS OF YOUR NUMBER WITHIN 6 INCHES

For more boating information, visit the Commission's website: www.fishandboat.com

Registration letters and numbers must:

- Read from left to right, be in a continuous line and easily read.
- Be painted or permanently attached to each side on the forward half of the boat where no other number may be displayed.
- Be bold, block letters 3 inches high and contrasting color to the boat hull.
- Be separated by a hyphen or space equal to the width of any letter or number except "I" or "1."

The DECAL must be displayed within 6 inches of the number (before or following) on the same level. How to apply:

1. Surface where decal is applied must be clean and dry.
2. Carefully remove decal from paper backing.
3. Position decal and press firmly onto prepared surface.

COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA FISH & BOAT COMMISSION
CERTIFICATE OF BOAT REGISTRATION

VALIDATED HULL IDENTIFICATION NUMBER

TITLE NUMBER MANUFACTURER

FEET INCHES YEAR

THIS CERTIFICATE OF REGISTRATION CARD SHALL BE ON BOARD THE BOAT WHENEVER THE BOAT IS IN USE

EXPIRES REGISTRATION NUMBER

VOID

VALID ONLY WHEN SIGNED IN INK — DO NOT PRINT

DETACH THE ABOVE REGISTRATION CARD FROM THIS FORM AND SIGN IN THE SPACE PROVIDED ABOVE

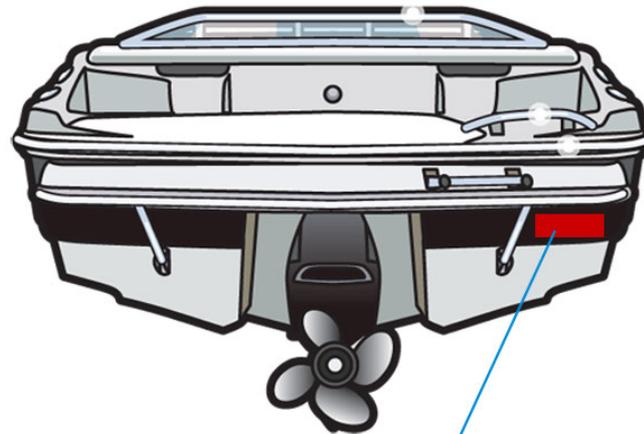
PFBC-730C
0715



HULL IDENTIFICATION NUMBER (HIN)



THE HULL IDENTIFICATION NUMBER (HIN) IS A UNIQUE, 12-DIGIT NUMBER ASSIGNED BY THE MANUFACTURER TO VESSELS BUILT AFTER 1972. The HIN is the same as a VIN is to a automobile.



ABC 67689 B6 06

Manufacturer's Identification Code (MIC) Manufacturer's Serial Number Commencement of Construction Model Year



LIFE JACKETS (PFD'S)



- MUST BE USCG APPROVED.
- ONE WEARABLE TYPE I, II, III OR V FOR EACH PERSON ABOARD
- SOME INFLATABLE LIFE JACKETS NOT WORD DO NOT COUNT
- IN GOOD AND SERVICEABLE CONDITION
- APPROPRIATE SIZE FOR INTENDED USE
- REQUIRED TO BE READILY ACCESSIBLE
- MANDATORY FOR WEAR BY CHILDREN UNDER 13 IN THE STATE OF PA
- MUST BE 16 YEARS OF AGE OR OLDER TO WEAR INFLATABLE





TYPE I: OFFSHORE LIFE JACKETS



- TYPE I LIFE JACKETS ARE MORE GEARED TOWARD FOR ROUGH OR REMOTE WATERS WHERE RESCUE MAY TAKE AWHILE
- TYPE I LIFE JACKETS PROVIDE THE MOST BUOYANCY, ARE EXCELLENT FOR FLOTATION, AND WILL TURN MOST UNCONSCIOUS PERSONS FACE UP IN THE WATER





TYPE II: NEAR SHORE LIFE JACKET



- TYPE II LIFE JACKETS ARE GOOD FOR CALM WATERS WHEN QUICK ASSISTANCE OR RESCUE IS LIKELY
- TYPE II LIFE JACKETS WILL TURN SOME UNCONSCIOUS WEARERS FACE UP IN THE WATER, BUT THE TURNING IS NOT AS PRONOUNCED AS WITH THE TYPE I LIFE JACKET.





TYPE III: FLOTATION LIFE JACKET



- TYPE III LIFE JACKET ARE FOR CALM WATERS WHEN QUICK ASSISTANCE OR RESCUE IS LIKELY. NOT RECOMMENDED FOR ROUGH WATERS.
- TYPE III LIFE JACKETS WILL NOT TURN MOST UNCONSCIOUS PERSONS FACE UP.
- TYPE III LIFE JACKETS ARE THE MOST COMMON FLOTATION DEVICES USED FOR WATER SPORTS AND WEARING ON BOATS.





- TYPE IV THROWABLE FLOTATION DEVICES MUST BE IMMEDIATELY AVAILABLE FOR USE AND CARRIED ON ALL BOATS 16' AND LARGER
- NOT DESIGNED TO BE WORN
- TYPE IV DEVICES ARE TO BE THROWN OVERBOARD TO SOMEONE THAT IS IN TROUBLE IN THE WATER





TYPE V: SPECIAL PURPOSE LIFE JACKETS



- TYPE V LIFE JACKETS ARE HYBRID LIFE JACKETS, AND OTHERS DESIGNED FOR SPECIFIC ACTIVITIES SUCH AS KAYAKING OR FISHING
- TYPE V LIFE JACKETS DO NOT ALWAYS COUNT AGAINST VESSEL CARRIAGE REQUIREMENTS. MAKE SURE YOU READ THE LABEL.





- VESSELS ON THE GREAT LAKES, OFF-SHORE AND DESIGNATED WATERS MUST BE EQUIPPED WITH APPROVED VISUAL DISTRESS SIGNALS IN SERVICEABLE CONDITION, AND READILY ACCESSIBLE.
- VESSELS OPERATING FROM SUNSET TO SUNRISE ARE REQUIRED TO CARRY NIGHT SIGNALS.
- VESSELS OPERATING FROM SUNRISE TO SUNSET ARE REQUIRED TO CARRY DAY SIGNALS.



KNOW YOUR DISTRESS SIGNALS!





FIRE EXTINGUISHERS



- A COAST GUARD APPROVED FIRE EXTINGUISHER IS REQUIRED ON BOATS WHERE A FIRE HAZARD COULD BE EXPECTED FROM THE MOTOR OR THE FUEL SYSTEM
- LOOK FOR THE PART OF THE LABEL THAT SAYS “MARINE TYPE USCG” AND MAKE SURE TYPE B IS INDICATED
- FIRE EXTINGUISHERS SHOULD BE MOUNTED PER THE INSTRUCTIONS PROVIDED BY THE COMPANY
- FIRE EXTINGUISHERS ARE TO BE IMMEDIATELY ACCESSIBLE





Homeland
Security

SOUND PRODUCING DEVICE



- ALL BOATS MUST CARRY A SOUND PRODUCING DEVICE (WHISTLE, HORN, SIREN, ETC.) CAPABLE OF A 4-SECOND BLAST AUDIBLE FOR ½ MILE





NAVIGATION LIGHTS



- ALL BOATS MUST BE ABLE TO DISPLAY NAVIGATION LIGHTS BETWEEN SUNSET AND SUNRISE.
- ALL BOATS MUST ALSO BE ABLE TO DISPLAY NAVIGATION LIGHTS IN CONDITIONS OF REDUCED VISIABILITY
- BOAT 16' OR LARGER MUST HAVE PROPERLY INSTALLED, WORKING NAVIGATION LIGHTS AND AN ALL-AROUND ANCHOR/ MAST LIGHT CAPABLE OF BEING LIT INDEPENDENTLY FROM RED/GREEN/ WHITE "RUNNING" LIGHTS.



MAST/ ANCHOR LIGHT



RECOMMENDED ITEMS



Marine Radio



Dewatering Device



Anchor & Line



First Aid Kit





Homeland
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THE END



SEMPER PARATUS



ALWAYS READY

171st Air Refueling Wing



Slip, Trip, and Falls Identification and Prevention

Unrivaled Global Reach for America ... Always Ready!



Overview



-
- Definitions
 - Causes of STFs
 - Risk Factors
 - Prevention/ Minimization



Slips



- Too Little Friction or Traction between foot ware (Feet) and the walking working surface. Resulting in loss of balance





Causes of Slips



-
- Smooth walking surfaces with wet products
 - Dry products on smooth walking surface
 - High polished or painted walking surfaces
 - Transitioning from one surface to another
 - Sloped walking surfaces
 - Natural surfaces
 - Mounting and dismounting vehicles/equipment



Trips



- **Trip-Foot or Leg** hits object and upper body continues moving resulting loss of balance
- Stepping down to lower surface and losing balance





Causes of Trips



-
- Uneven/elevated levels of walking surfaces
 - Hoses, cables, or cords on walking surfaces
 - Open cabinets drawers
 - Rumpled or rolled up carpets and mats
 - Objects, Debris Clutter trash in walking areas
 - Damaged stairs, irregular or improper stairs



Falls



- **Fall**-Occurs when too far off center of balance
- **Fall at same level** –Fall to same walking or working surface, or fall into or against objects above same surface
- **Fall to lower level**-fall to level below walking or working surface





Causes for Falls



- Climbing on unapproved equipment (chairs)
- Unsafe ladders practice
- Unmarked or unprotected fall hazards/open floors
- Placing ladders on unsafe surface
- Unserviceable equipment
- Improper cleaning



Human Factors Contribute to Slip, Trip, Falls



- Physical condition, Fatigue, Age
- Failing eyesight and or visual perception
- Stress or Illness
- Medication, Alcohol & Drug effects
- Not paying attention, Hurry or rushed
- Taking unapproved shortcuts
- Moving to many objects



Preventative Measure, Minimization



- Good housekeeping keep walking surface clean/orderly
- Use approved equipment/ don't take shortcuts
- Wear proper footwear/ use safe walking practices
- Mark identified hazard/remove the hazard/report it for repair
- Be aware of your surroundings
- Use proper ladder safety three points of contact



HIGH INTEREST MEMORANDUM



■ SLIPS, TRIPS, FALLS

- Use caution while walking on icy or wet surfaces

■ VEHICLE BACKING

- Exercise caution while backing vehicles. Use a spotter when available.

The Wing Safety Office annually publishes a High Interest Memorandum, highlighting areas or activities that require greater attention.

■ [CLICK HERE TO VIEW THE MEMO](#)



DEPARTMENT OF THE AIR FORCE
PENNSYLVANIA AIR NATIONAL GUARD
171ST AIR REFUELING WING
CORAOPOLIS PENNSYLVANIA

29 October 2018

MEMORANDUM FOR 171 ARW

FROM: 171 ARW/SE

SUBJECT: FY2019 High Interest Areas (AFI 91-202, USAF Mishap Prevention Program)

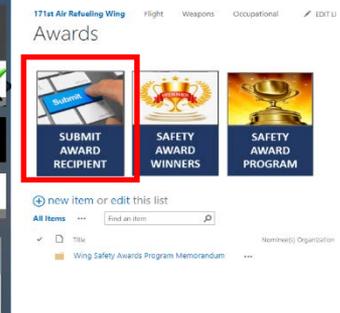
1. Due to an increased risk of mishap potential the following are deemed High Interest Areas.
 2. Snow and Ice. Due to an increased risk of incidents related to slip, trips, and falls, during snow and ice conditions, snow and ice removal, housekeeping, and general surface conditions will be a High Interest Area for FY2019.
 - a. IAW AFI 91-203 para 5.11 (Air Force Consolidated Occupational Safety Instruction): "The facility manager will remove snow and ice from all walkways, sidewalks and work areas expediently where they may create a hazard or interfere with the work. If ice cannot be readily removed, sand or other approved materials shall be applied. Snow and icicles above walkways shall be removed by the facility manager or a work request must be submitted."
 - b. See attachment for location of historical slip, trips, and falls associated with snow and ice.
 3. Movement of new aircraft maintenance stands. In an effort to prevent back and shoulder strains, related to the movement of the new aircraft maintenances stands, the movement of these stands will be a High Interest Area for FY2019. Proper training and awareness of the new heavier stands is essential. Extra considerations should be given for movement in slippery and windy conditions.
 4. Questions regarding this memorandum should be directed to 171ARW/SEG at 412-776-7377 or DSN 294-7377.



SAFETY AWARD SUBMISSIONS



- We at the Safety Office would like to acknowledge those that make Safety a priority.
- Safety Award recipients can use this accolade as a bullet point for upcoming EPRs.
- Award winners will be highlighted for their accomplishments in monthly Safety Newsletters.
- Supervisors can submit worthy individuals by accomplishing the following:





GPC PURCHASES and SAFETY



-
- **To all those responsible for GPC purchases, from the Safety and Contracting Offices;**
 - **Please ensure that your GPC Requests are being reviewed by Safety where appropriate.**
 - **Items such as a lift rentals, heaters, even industrial shelving, should be reviewed.**
 - ◆ **Safety is required to review purchases such as these per their AFI, and discrepancies could have repercussions for the Base as a whole.**
 - **Your collective cooperation in this matter is greatly appreciated.**

171st Air Refueling Wing



911 / AED

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AED TRAINING VIDEO



Visit the National Safety Council's website for AED, CPR, and First Aid videos



Emergency? Dial 911



-
- **For Emergencies Call:**
 - **Personal Cell Phone: 911**
 - **Base Phone: 911**

 - **County Dispatch will geo-locate your call and identify/confirm that you are on the 171ARW.**
 - **Dispatch will conference in 171ARW CP and BDOC**
 - **MOU between 171ARW and Alleghany County 911**

171st Air Refueling Wing



FIRE SAFETY

Unrivaled Global Reach for America ... Always Ready!



Overview



-
- **Office Fire Safety**
 - **Home Fire Safety**
 - **Fire/Fuel classes**
 - **What you should do in the event of fire**
 - **PASS technique**



General Office Fire Safety



- Know what to do in case of emergency....Remain Calm
- Annually review emergency procedures, and when there is a change or update
- Become familiar with the location of extinguishers and pull stations
- Conduct regular fire drills
- Know where the exits are and have a backup plan
- Immediately evacuate when the alarm sounds
- If you have disabled employees adjust your evacuation plans accordingly
- Never run extension cords across doorways or under carpets where they can easily be stepped on or run over by chairs and other furniture
- Avoid plugging more than one extension cord into an outlet
- Do not “daisy chain” power strips
- Never block sprinklers, firefighting equipment or emergency exits
- Ensure appliances that draw large amounts of power are plugged directly into a wall
- Keep combustibles 3’ from heat producing appliances



General Home Fire Safety



-
- Check your smoke detectors for proper function monthly
 - When you change your clocks change the detector battery (Unless it has a 10yr battery)
 - Check the manufacture date and go off of that and their recommendations
 - Some Smoke detectors have a life span of 10 yrs. Check MFR instructions
 - Practice home fire drills
 - Once your out, stay out
 - Never leave candles burning unattended
 - Don't drape scarves or clothes over lamps
 - Don't place furniture so that it blocks secondary exits such as windows
 - Every bedroom should have a working smoke alarm
 - Make sure electrical cords are not trapped against walls where heat can build
 - Don't overload extension cords or run them under rugs
 - Keep portable space heaters at least 3 feet from the bed, clothes, curtains or anything flammable
 - Never smoke in bed
 - Keep a fireproof screen in front of your fireplace and make sure flammable items are at least 3 feet away
 - If you experience a fire, remember once your out, stay out. A forgotten wallet, cell phone etc. is not worth your life
-



Fuel Classifications



Classes of Fires

Picture Symbol

Types of fuel



Combustibles: Wood, cloth, paper, plastic, trash.



Flammable Liquids: Gasoline, oil, grease, tar, oil-based paint, flammable gases.



Electrical Equipment: Computers, fax machines, lab equipment



Combustible Metals: Magnesium, lithium, titanium



Cooking Media: Cooking oils and fats

TYPICAL PICTOGRAPHS

5-11



Pictographs for extinguishers suitable for Class B and Class C fires, but not for Class A fires



Pictographs for extinguishers suitable for Class A fires, but not for Class B and Class C fires



Pictographs for extinguishers suitable for Class A and Class B fires, but not for Class C fires



What Should You Do ??



-
- Ensure the fire dept has been notified of the fire and building is being evacuated before you attempt to extinguish
 - Use common sense when deciding if this fire can be safely and effectively extinguished by you
 - If the fire is bigger than the container or the flames are almost as tall as you, its time to get out
 - If you are not sure, then its time to get out
 - Your back should always be toward the exit
 - Never let the fire get between you and your exit
 - Use the right extinguisher for the job
 - Never turn your back on the fire, even if its out
 - If the fire is too big, close the door behind you to isolate the fire and contain fire spread



Now What ???



- After taking all the previous factors into consideration and you have decided to fight the fire;
 - Use the following acronym to remind your self on how to use the extinguisher:



P

Pull the pin

A

Aim low at the base of flames

S

Squeeze the handle

S

Sweep side to side





CONCLUSION



- ~~Safety Staff and SharePoint Site Overview~~
- ~~WG/CC Safety Message~~
- ~~Local Mishap Rates~~
- Airman Safety Action Program (ASAP)
- Mishap Reporting
- Summer Safety
- Boating Safety
- Slips, Trips, Falls
- ~~Local Safety Issues~~
- Fire Safety

Items that are struck through have been removed from this briefing. Please visit the Wing Safety SharePoint Site for the complete briefing.

Additional Training Available:

- [Motorcycle Safety Training](#)
- [Annual Privileged Brief](#)
- [ISB Annual Training](#)
- [OSHA Reception Plan](#)
- [Mishap Response Plan](#)