



Robert Largent
Exchange Environmental Engineer
October 2019

40 CFR 280 & The Exchange

Presented to: 2019 FES

› Robert Largent

- › BS Environmental Science (Wichita Falls, TX)
- › MS Industrial Management (Tahlequah, OK)
- › Working with gas stations since 2002
 - › AAFES Environmental Engineer since 2013
- › Trained over 500 Federal & State UST Inspectors
 - › UST Installation, Inspections, removals/Site remediation
 - › YouTube videos, LinkedIn Group, PEI Forum Moderator
- › Participated in creating EPA UST regulations
- › Multiple certifications, licenses, etc
 - › CHMM, NACE, EPA, Sanitarian, GIS, now working on PMP



- The Exchange (AAFES)
- Exchange Gasoline Dispensing Facilities (GDF)
- Roles and Responsibilities on Military Installations
- How the Exchange is meeting new UST requirements
- Final Thoughts
- Questions



The Exchange



- › **The Exchange is a Department of Defense organization that provides tax-free shopping and services to an exclusive customer base of more than 12 million military members and their families.**



- › Since 1895 had many names
 - › Army & Air Force Exchange Service (AAFES)
 - › BX/PX
 - › The Exchange



- › **The Department of Defense's largest retailer**



- › 62nd largest retailer in the U.S
- › #36 Convenience store?



- › **The Exchange gives two-thirds of its earnings to the Army, Air Force, Navy and Marines through Morale, Welfare and Recreation programs**



- **The Exchange is a non-appropriated funded government entity that is part of the Department of Defense**
 - ~2% of budget from US Government
 - 98% of budget is self generated
 - Associates are Department of Defense (DoD) Federal employees
 - Job listings: ApplyMyExchange.com
- **Governed by a Board of Directors responsible to the Secretaries of the Army and Air Force**
- **100% of Exchange earnings support the military community.**
- **Serving troops worldwide**
 - *We go where you go*
- **Store locations**
 - *Army, AF, Navy, Marines, Guard*
 - *DLA, Reserves, Etc...*



- › **The Exchange operates more than 4,000 facilities in 33 countries including**
 - › 122 main stores
 - › 165 Military Clothing stores
 - › 589 convenience stores and specialty stores that carry furniture, outdoor living merchandise and more
 - › 77 movie theaters
 - › 1,700+ quick serve restaurants
 - › 3,800+ mall stores and kiosks
 - › Bakeries, water bottling, warehouses, Airline Catering, etc..
- › **85% of the Exchange's 35,000 associates are connected to the military**
 - › Nearly 11,800 Veterans and military spouses work for the Exchange
 - › There are 73 military authorizations in the Exchange. 54 are located in Dallas, Texas at Exchange HQ.*



COLONEL JUAN M. SALDIVAR
Command Engineer



Current as of Aug. 16, 2018. Source: AAEF.

Exchange Contingency Support – Europe/Africa

Legend

1

DOX-T Troop Store

- › Zagan, PL (2017)
- › Powidz, PL (2017)
- › Setermoen, Norway (2018)
- › Vaernes, Norway (2018)
- › MK, Romania (2013)
- › Camp Bondsteel, Kosovo (1995)
- › Film City, Kosovo (1995)
- › CMLT, Kosovo (2015)
- › NSTA, Bulgaria (2015)
- › Camp Butmir, Bosnia (1995)
- › Embassy - Sarajevo, Bosnia (1995)
- › Embassy – Cairo, Egypt (2006)

2

Mobile Field Exchange (MFE)

- › BPTA, PL
- › Torun, PL
- › DPTA, PL
- › Trzebien, PL
- › Swietoszow, PL

3

Rodeo/Exchange Retail Truck (ERT)

- › Redzikowo, PL
- › Skwierzyna, PL
- › Camp Nothinghill, Kosovo

4

AAFES Imprest Fund Activity (AIFA)

- › Akrotiri, Cyprus
- › JMTG-U, Ukraine
- › Site G, Turkey
- › Site K, Turkey
- › Garoua, Cameroon
- › Agadez, Niger
- › Sidi Ahmed, Tunisia
- › Niamey, Niger



Our Logistics Operations Span the Globe



The Exchange is the Third Largest Shipper in the Defense Transportation System

**12th Largest Retail
Private Fleet in U.S.**

**340 Exchange Tractors
1,730 Exchange Trailers
14M Miles Driven**

10 Distribution Centers

2,527 Associates

48M Cases Shipped

35,835 Containers Exported

4,096 Containers Imported



Our Vision and Mission

- **Mission:** We go where you go to improve quality of life through the goods and services we provide.
- **Vision:** To be the preferred retail and services provider for the military family through extraordinary customer service and value pricing.
- **Core Values:** Family Serving Family, Respect Everyone, Courage to Use Good Judgment.



› Operation Iraqi Freedom

- › Darren Braswell killed in the line of duty and five other AAFES associates wounded in the line of duty in Iraq
 - › Received Defense of Freedom medals, the civilian equivalent of the Purple Heart.



› Online

- › <https://www.shopmyexchange.com/>
- › Honorably discharged Veterans of all United States Armed Forces, including the Air Force, Army, Navy, Marines and Coast Guard as well as the Air Force Reserve, Army Reserve, Navy Reserve, Marine Corps Reserve, Coast Guard Reserve and National Guard.

› In Store or online

- › 2019 National Defense Authorization Act
 - › Tentatively: All service-connected disabled veterans, Purple Heart recipients, former prisoners of war and primary veteran caregivers will be eligible to shop at commissaries and exchanges

› CAC Card



2018 BY THE NUMBERS



\$8.7B

FY 2018 REVENUE

\$386M

FY 2018 EARNINGS

\$223M

FY 2018 DIVIDENDS

85%

ASSOCIATES CONNECTED
TO MILITARY

1,400

WOUNDED WARRIORS
HIRED SINCE 2010

4,768

ASSOCIATES DEPLOYED TO
COMBAT ZONES SINCE 9/11

1,358

VETERANS HIRED

11,799

VETERANS/SPOUSES
EMPLOYED

7 PLANTS

PROVIDING BAKED GOODS/
WATER OVERSEAS

2.5M

SCHOOL LUNCHES SERVED
AT OR BELOW COST

9.9M

BAKERY ITEMS PRODUCE
OVERSEAS

1.1M

COMBAT UNIFORMS
OUTFITTED AT COST

107.5M

MEALS SERVED AT
EXCHANGE RESTAURANTS

8.1M

HAIRCUTS PROVIDED

4.2M

GALLONS OF BOTTLED
WATER OVERSEAS



Exchange GDF



Figure A3-49. Mather AFB, California, opening of new service station 8 August 1955. Pictured (l. to r.) are: Shirley Norberg, attendant; MSgt. Fred Slaten, Hq. Air Base Group, customer; Jean Eudy and Roberta Ryan, attendants. (USAF photo, AAFES Archives)

› 207 Gas Stations in US

- › ~495 UST's
- › ~ 52 AST's
- › ~ 24 AST's in Vaults

› 26 gas stations in Europe

- › ~80 UST's

› 23 gas stations in PAC

- › ~60 UST's
- › ~3 AST's (Kerosene)

› Over 4 million gallons of fuel storage capacity

› Sold more than 445 Million Gallons in 2018

› Exchange and UFC standard design specifies UST's

- › Like all major convenience stores
- › AST's and Vaults are not typically used at Retail locations.
 - ~ Some locations or tanks may be temporarily out of service



- › **Distribution Centers for Exchange fleet**
 - › 4 UST's
 - › 1 AST
- › **Switch Points for Exchange fleet**
 - › 2 UST's
- › **Emergency Generators**
 - › 10 UST's
- › **Bakery**
 - › 2 UST's
- › **Service**
 - › 8 UST's (Waste Oil)
- › **FMO**
 - › 1 AST



Roles and Responsibilities



Roles and Responsibilities

› Military owns real property on military installations

- › Real Property relates to land and structures on that land, and includes undeveloped land, office buildings military holdings and more.

› The Exchange

- › Builds new facilities
 - › Facility projects need BoD and Service approval (DD 1391)
- › Real property
 - › Site becomes Real Property when opened
- › Typical Real Property at Gas Stations
 - › UST
 - › Double walled systems
 - › FRP tanks
 - › FRP or Flex piping
 - › Sumps
 - › Veeder-Root ATG

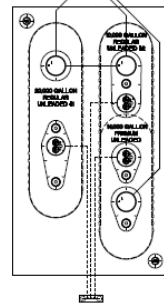
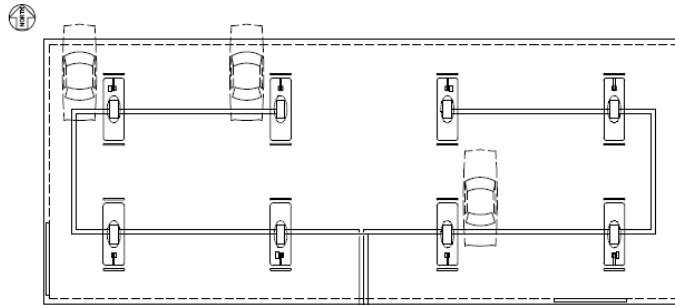


Roles and Responsibilities

- › **DoD regulations do not allow the Exchange to own real property on Military Installations**
 - › The Exchange builds the facility, then turns it over to the Military
- › **The Military is the Owner of the gasoline dispensing facilities**
 - › Maintain Environmental Compliance
 - › Maintain and repair fueling equipment
 - › Dispensers belong to Exchange except at R&I locations
 - › Test and maintain equipment to meet UST regulations
 - › Environmental remediation
- › **The Exchange is the Operator**
 - › Maintain Operator Training certifications
 - › Monitor Veeder-Root for releases
 - › Respond to emergencies and releases
 - › Conduct walkthrough Inspections



Fuel System Responsibilities



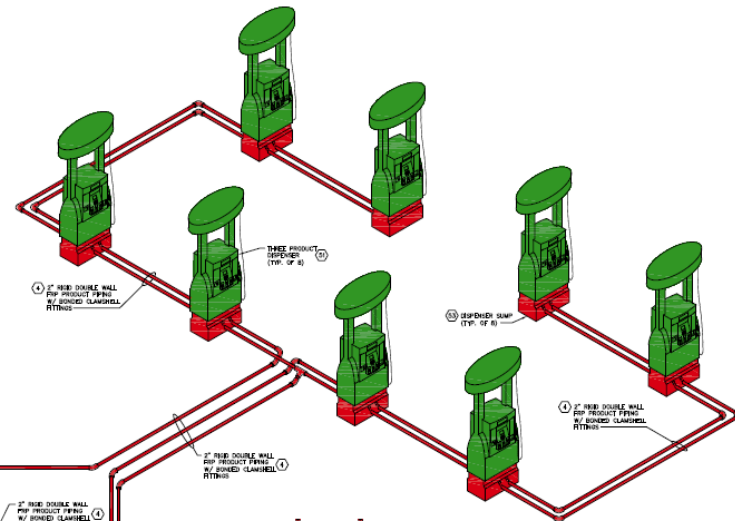
1 PETROLEUM PIPING PLAN
GSA 6-8

2 PETROLEUM PIPING ISOMETRIC
GSA 6-8

NOTES:

1. ALL NEW PIPING SHALL SLOPE TO THE RESPECTED TANK AT A MINIMUM SLOPE OF 1/8\"
2. SEE SPECIFICATIONS FOR GENERAL PRODUCT AND RESERVATION REQUIREMENTS.

***Remote and Isolated locations are responsible for all equipment**



ARMY / AIR FORCE
REAL PROPERTY

EXCHANGE PROPERTY

Equipment in red belongs to the Installation and should be identified to drive a sustainment requirement per the FSM

➤ Meeting new UST requirements

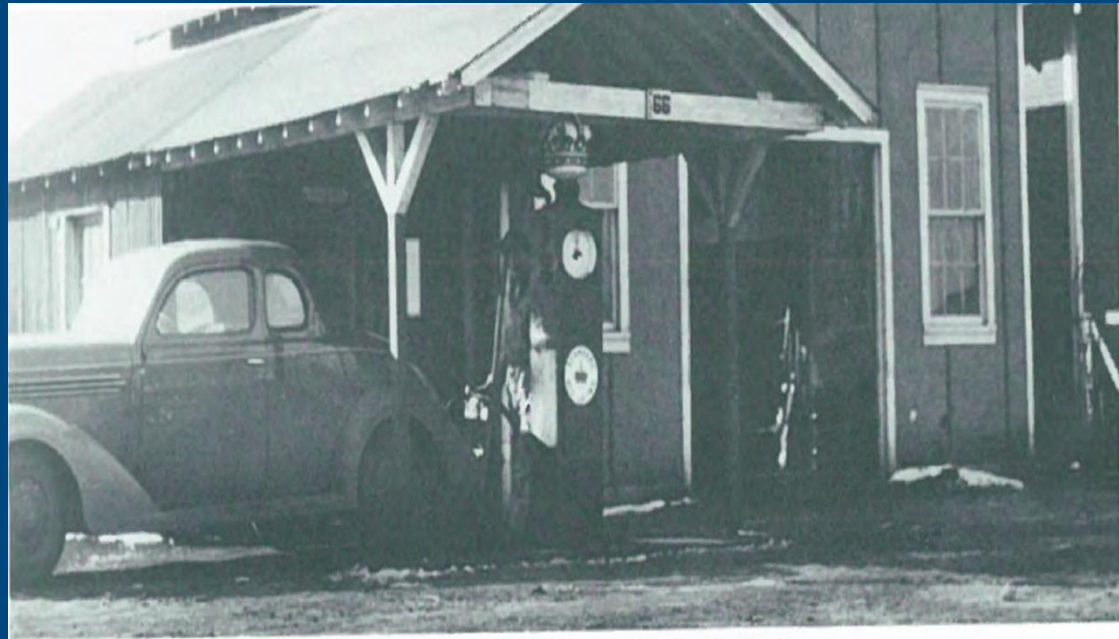


Figure A3-47. Chanute Army Air Field, Illinois, gas station and "Lubritorium." First completed in 1917, the lubritorium was completed in April 1936.

(AAFES Archives)

Fuel System Responsibilities

- **Maintain Environmental Compliance Records**
- **Maintain Operator Training certifications**
- **Conduct walkthrough Inspections**
- **Monitor for releases**
- **Respond to emergencies and releases**



Gas Happens



› Three Binder Record Keeping System

Fuel System Recordkeeping Requirements		
Binder #1 Permanent and Training Records	Binder #2 Operations, Testing and Inspection Records	Binder #3 Repair and Maintenance Records
TABS	TABS	TABS
Notification Form	30 Day Release Detection Results	Work Orders
Tank Registrations	Walk Through Inspection Checklist	Maintenance Records
Facility Spill Response Plan	Annual Line Leak Testing Results	Repairs
Site Plans/Drawings	Annual Tests and System Inspection	Dispenser Calibrations
Permits	Three Year Test Results NESHAP, Sumps, Spill Buckets	Operating Manuals
Operating Licenses	Inspection Reports	Insite 360 Instructions
LEX Training Records	Aboveground Storage Tank (AST) Inspection Records	Stage II VR (if installed) CARB Executive Order
EOP 36-03	Alarm Response Log	Stage I and/or II Inspection Records
Tank Charts	Class A/B/C Operator Certifications	UST system compatibility with renewable Fuels

- › **Managers at all Exchange GDF's**
 - › LEX-175S Fuel Management Training
 - › Annually
- › **All Associates at all Gas Dispensing Facilities**
 - › LEX - FM01- Fuel Emergency Response
 - › Annually
- › **Managers with UST's**
 - › Class A & B Operator Training (Except CA)
 - › Must be certified within 30 days of assuming position
 - › Look for reciprocity
 - › Free to \$150
- › **All Associates at Exchanges with UST's**
 - › Class C Operator Training
 - › Must be certified before assuming duties
 - › Free to ~\$15
 - › LEX - FM01- Fuel Emergency Response, meets this criteria in many states



› 40 CFR §280.36

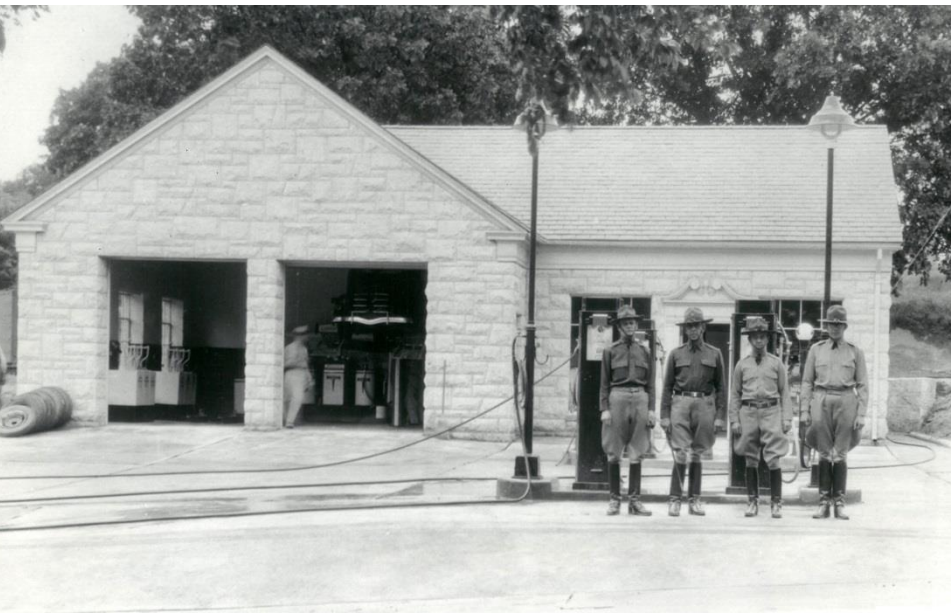
- › (a)(1)(i) Every 30 days inspect
 - › (A) Spill Prevention Equipment
 - › (B) Release Detection Equipment
- › (a)(1)(ii) Annually
 - › (A) Containment sumps
 - › (B) Hand held release detection equipment

› Exchange

- › 30 Day
 - › Created checklists for Exchange use
 - › Unless State has a checklist
 - › Normal for Class A/B Operator to perform
- › Annual
 - › Some can be done by Class A/B
 - › Most require a contractor to test equipment



- › We made our own checklist
 - › Modeled on PEI RP 500 & 900
 - › Took out sections that didn't apply
 - › At a minimum our sites inspect when staffed (Daily/Weekly)
 - › Recommend to do Tank fill area checks during/after deliveries



DETAILED UST SYSTEM INSPECTION CHECKLIST

Category	Description	Reference	PEI RP 900
Leak Detection			6.4
TLS 450+	<u>Automatic Tank Gauge/Leak Detection Unit</u>		
	Power is On		6.4.1.1
	No Warnings or Alarm lights		6.4.1.2
	There is an inventory printout for each tank that appears accurate		6.4.1.3
	Printer has paper and is working (If ATG uses printer)		6.4.1.4
Inventory	<u>Daily Inventory Reconciliation</u>		
	Inventory Records reconciled daily and within variances		6.4.4.1
Tank Fill Area			6.5
Fill Cover	<u>Small manhole over fill pipe/spill bucket</u>		
	Cover in place and not broken		6.5.1.1
	Cover color coded for product and on correct product		6.5.1.2
Spill Area	<u>Containment area around fill pipe</u>		
	No dirt, trash, water or fuel		6.5.2.1
	No cracks, rusting, bulges or holes		6.5.2.2
Fill Pipe	<u>Dry Break or Drop tube for fuel delivery in Spill bucket</u>		
	Cap locked		6.5.3.1
	No obstructions inside fill pipe		6.5.3.2
Spill Kits	<u>Barrels with emergency spill materials</u>		
	Restocked all used items		

Use this form to record daily UST System inspections each month.

Refer to link below for detailed instructions

Reference <http://www.pei.org/sites/default/files/PDF/Appendix-A1.pdf>

Reference <http://www.pei.org/rp900>

Monthly (30 Day) Checklists

- **Require checks for every month of the year**
 - Completed by the Class A/B Operator



MONTHLY UST/AST SYSTEM INSPECTION CHECKLIST

Facility #						MO/YR		
Location Name						BLDG #		
Address				Installation			State	
Month	Inspections	TLS 450+	Interstitial	Inventory	Water check	Deficiencies	Inspector	
January								
February								
March								
April								
May								
June								
July								
August								
September								
October								
November								
December								

Use this form to record Monthly UST System inspections each year.

Refer to link below for detailed instructions

Reference <http://www.pei.org/sites/default/files/PDF/Appendix-A2.pdf>

Reference <http://www.pei.org/rp900>



Daily/Weekly

Stage I Vapor Recovery Inspection Form

Facility # 3016140300 MO/YR March 2017
Location Name Offutt Express BLDG # 902
Address 902 Garland St Installation Offutt AFB State NE

Day	Nozzle	Hose	Breakaway	Display	Card reader	Deficiencies	Inspector
1	✓	✓	✓	✓	✓		Largent
2							Largent
3							Largent
4							Largent
5							Largent
6							Largent
7	✓	✓	X	✓	✓	# 7 Unl Leaking	Largent
8	✓	✓	✓	✓	✓	Contractor repaired	Largent
9							Largent
10							Largent
11							Largent
12							Largent
13							Largent
14							Largent
15	✓	✓	✓	✓	✓		Largent
16							Largent
17							Largent
18							Largent
19							Largent
20							Largent
21	✓	✓	✓	✓	✓		Largent
22							Largent
23							Largent
24							Largent
25							Largent
26	✓	✓	✓	✓	✓		Largent
27							Largent
28							Largent
29							Largent
30							Largent
31	✓	✓	✓	✓	✓		Largent

DAILY/WEEKLY UST SYSTEM INSPECTION CHECKLIST

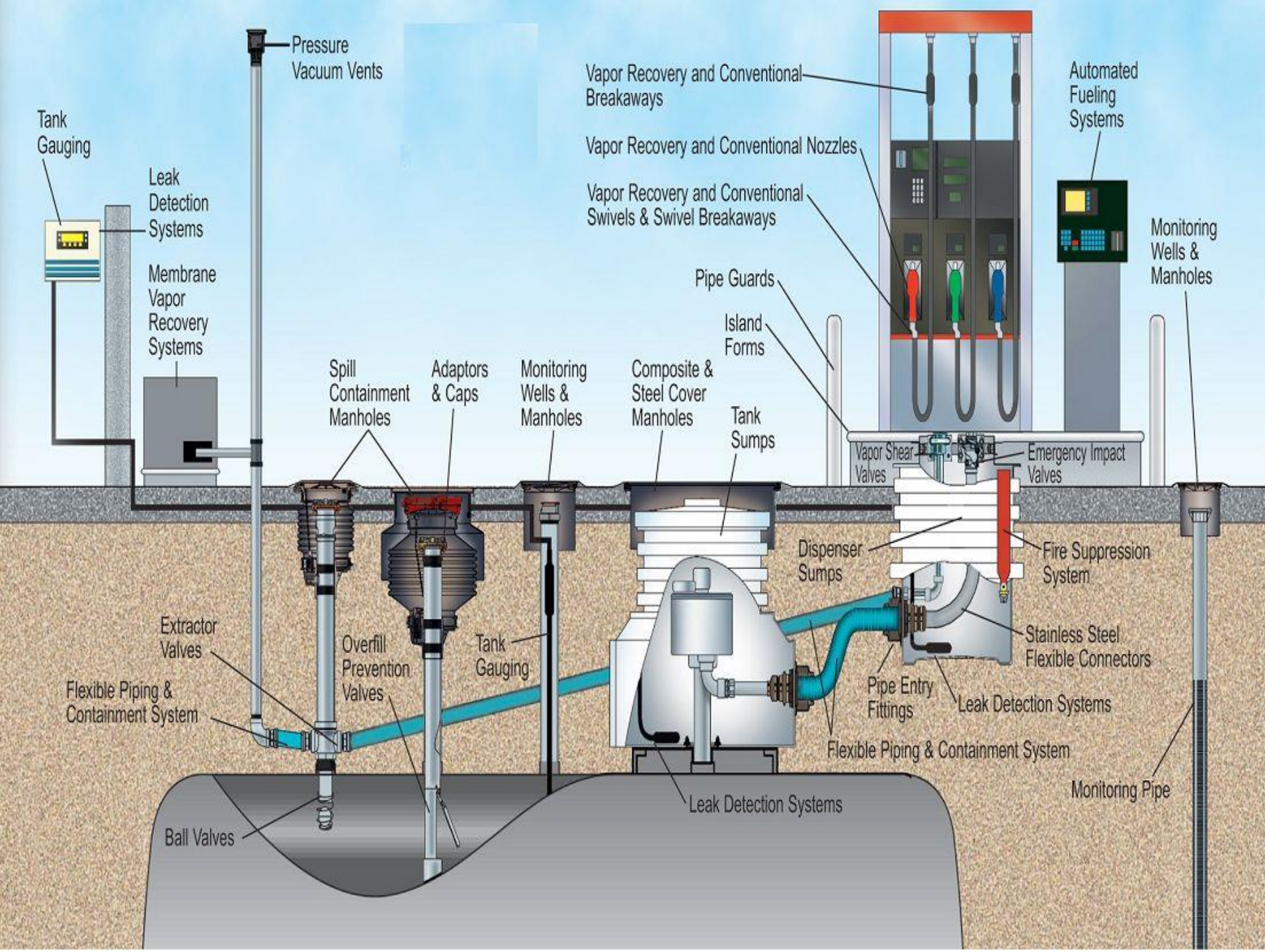
Facility # 3016140300 MO/YR March 2017
Location Name Offutt Express BLDG # 902
Address 902 Garland St Installation Offutt AFB State NE

Day	TLS 450+	Inventory	Fill Pipe	Spill Area	Spill Kits	Deficiencies	Inspector
1	✓	✓	✓	✓	✓		Largent
2	✓	✓	✓	✓	✓		Largent
3	✓	✓	✓	✓	✓		Largent
4	✓	✓	✓	✓	✓		Largent
5	✓	✓	✓	✓	✓		Largent
6	✓	✓	✓	X	✓	Fuel in UNL Bucket	Largent
7	✓	✓	✓	✓	✓	Bucket Clean	Largent
8	✓	✓	✓	✓	✓		Largent
9	✓	✓	✓	✓	✓		Largent
10	✓	✓	✓	✓	✓		Largent
11	✓	✓	✓	✓	✓		Largent
12	✓	✓	✓	✓	✓		Largent
13	✓	✓	✓	✓	✓		Largent
14	✓	✓	✓	✓	X	Missing Goggles	Largent
15	✓	✓	✓	✓	✓	Goggles Replaced	Largent
16	✓	✓	✓	✓	✓		Largent
17	✓	✓	✓	✓	✓		Largent
18	✓	✓	✓	✓	✓		Largent
19	✓	✓	✓	✓	✓		Largent
20	✓	✓	✓	✓	✓		Largent
21	✓	✓	✓	✓	✓		Largent
22	✓	✓	✓	✓	✓		Largent
23	✓	✓	✓	✓	✓		Largent
24	✓	✓	✓	✓	✓		Largent
25	✓	✓	✓	✓	✓		Largent
26	✓	✓	✓	✓	✓		Largent
27	✓	✓	✓	✓	✓		Largent
28	✓	✓	✓	✓	✓		Largent
29	✓	✓	✓	✓	✓		Largent
30	✓	✓	✓	✓	✓		Largent
31	✓	✓	✓	✓	✓		Largent

FUEL SYSTEM CHECKLIST

D – Daily M – Monthly A – Annually T – Triennial

COMPONENTS	D	M	A	T
DAILY CHECKLIST	WHEN SITE OPEN	DOCUMENT MONTHLY		
Fill Cover Color/Condition	✓			
Water in Tanks	✓	✓		
Inventory Control (if required)	✓	✓		
Fill Pipe Cap	✓	✓		
Spill Kits	✓	✓		
Veeder-Root	✓	✓	✓	
Spill Buckets	✓	✓	✓	✓
Fuel dispensers	✓		CALIBRATE 6 MONTHS	
Monthly checklist		✓	12 MONTHLIES	
Tank Leak Test		✓		
Piping Leak Test		✓		
Tank Vents		✓		
Class A/B/C Operator Certificate		✓		
Stage I Vapor Recovery		✓	✓	✓
Stage II Vapor Recovery		✓	✓	
Dispenser Sumps		✓	✓	✓
Drop Tube			✓	
Leak Detector			✓	
Submersible Turbine Pump			✓	
E Stop Test			✓	
Site Diagram			✓	
Tank Top Sumps			✓	✓
Overfill Prevention				✓



› Environmental Compliance Assessment Program (ECAP) Inspection

- › Loss Prevention Manager performs ECAP Inspection annually to protect the Exchange from the negative consequences of violating environmental regulations
 - › Emphasis on the most frequently cited NOV's and environmentally sensitive areas
 - › Spill Buckets, UDC, Record Keeping
- › ECAP Results are reported to HQ Executive Group and Region SVP's during the Quarterly ESAC meeting

› Audits

- › Exchange Auditors may do targeted audits of Exchange GDF facility processes
 - › Submit GDF audit suggestions to Exchange Environmental Engineer

› Military

- › Veeder-Root is a brand of Automatic Tank Gauge.
- › 2015/2016
 - › Upgraded all Exchange locations in US to Veeder-Root TLS 450+
 - › Except California
 - › Remotely Monitored



› TLS 450 PLUS

- › Currently Veeder-Root is remotely monitoring 195 locations online in real time for deliveries, alarms, compliance and releases.
 - › Alarms
 - › Veeder-Root will email and call manager if an alarm requires local actions
 - › Most alarms resolved remotely
 - › Compliance or releases
 - › If leak test fails or other compliance related alarms
 - › Veeder-Root will email and call manager and Installation POC on file

› Insite 360

- › The Insite360 website displays data from the ATG
 - › Available online to anyone on Installation
- › Environmental compliance information is retrieved from Insite360
- › Holds 5 years of data

3770140500 - Bliss Cassidy Express


Site Address: 1333 Cassidy Rd Ft. Bliss, TX 79916
Site Contact: Manager 915-566-8371 201or202
Site Group: BLISS
Tank Gauge: Data Logger
Last Comm to Site: 08/01/2016 15:15
Site ID: 830771

Site Alarms: 0
Site Communication: Normal
Site Compliance: Compliant
Minimum Flow Rate: 0
Maximum Flow Rate: 0
Last Updated: 08/01/2016 15:15
Last Updated: 08/01/2016 12:16
Last Updated: 07/31/2016 00:00
Last Updated: 07/30/2016 00:00

Tank 1 - Unleaded 1

Capacity: 19,703 Gallons Product: UNLEA...
Diameter: 118 inches Manifold: 1,2

Volume: 13,042 Gallons
Ullage: 6,661 Gallons
Water: 0.0 Gallons
0.0 inches
Temp: 86.67 F



Last Updated: 08/01/2016 13:02

Alarms: 0
Last Updated:

Compliance: Compliant
Last Updated: 08/01/2016 12:16


Variance: 0.43%
Last Updated: 08/01/2016 00:00

Inventory:
Inventory Volume: 13,042 Gallons
Water Level: 0.0 inches
Last Updated: 08/01/2016 13:02

Tank 2 - Unleaded 2

Capacity: 19,703 Gallons Product: UNLEA...
Diameter: 118 inches Manifold: 1,2

Volume: 12,501 Gallons
Ullage: 7,202 Gallons
Water: 0.0 Gallons
0.0 inches
Temp: 87.03 F



Last Updated: 08/01/2016 13:02

Alarms: 0
Last Updated:

Compliance: Compliant
Last Updated: 08/01/2016 12:16


Variance: 0.43%
Last Updated: 08/01/2016 00:00

Inventory:
Inventory Volume: 12,501 Gallons
Water Level: 0.0 inches
Last Updated: 08/01/2016 13:02

Tank 3 - Premium

Capacity: 19,703 Gallons Product: PREMI...
Diameter: 118 inches Manifold:

Volume: 10,775 Gallons
Ullage: 8,928 Gallons
Water: 0.0 Gallons
0.0 inches
Temp: 88.27 F



Last Updated: 08/01/2016 13:02

Alarms: 0
Last Updated:

Compliance: Compliant
Last Updated: 08/01/2016 12:16


Variance: 0.20%
Last Updated: 08/01/2016 00:00

Inventory:
Inventory Volume: 10,775 Gallons
Water Level: 0.0 inches
Last Updated: 08/01/2016 13:02

Tank 4 - Diesel

Capacity: 10,369 Gallons Product: DIESEL2
Diameter: 118 inches Manifold:

Volume: 4,006 Gallons
Ullage: 6,363 Gallons
Water: 0.0 Gallons
0.0 inches
Temp: 92.91 F



Last Updated: 08/01/2016 13:02

Alarms: 0
Last Updated:

Compliance: Compliant
Last Updated: 08/01/2016 12:16

Variance: -0.02%
Last Updated: 08/01/2016 00:00

Inventory:
Inventory Volume: 4,006 Gallons
Water Level: 0.0 inches
Last Updated: 08/01/2016 13:02

Communication: Normal

Updated: 08/01/2016 15:15

Site Compliance: Compliant

Last Updated: 08/01/2016 12:16

Minimum Flow Rate: 0

Last Updated: 07/31/2016 00:00

Maximum Flow Rate: 0

Last Updated: 07/30/2016 00:00

Product: UNLEA...
Manifold: 1,2



Tank 2 - Unleaded 2

Capacity: 19,703 Gallons Product: UNLEA...
Diameter: 118 inches Manifold: 1,2

Volume: 12,501 Gallons
Ullage: 7,202 Gallons
Water: 0.0 Gallons
0.0 inches
Temp: 87.03 F



Last Updated: 08/01/2016 13:02

Alarms: 0

Last Updated:

Compliance: Compliant

Last Updated: 08/01/2016 12:16

Variance: 0.43%

Last Updated: 08/01/2016 00:00

Inventory:

Inventory Volume: 12,501 Gallons

Water Level: 0.0 inches

Last Updated: 08/01/2016 13:02

Tank 3 - Premium

Capacity: 19,703 Gallons Product: PREMI...
Diameter: 118 inches Manifold:

Volume: 10,775 Gallons
Ullage: 8,928 Gallons
Water: 0.0 Gallons
0.0 inches
Temp: 88.27 F



Last Updated: 08/01/2016 13:02

Alarms: 0

Last Updated:

Compliance: Compliant

Last Updated: 08/01/2016 12:16

Variance: 0.20%

Last Updated: 08/01/2016 00:00

Inventory:

Inventory Volume: 10,775 Gallons

Water Level: 0.0 inches

Last Updated: 08/01/2016 13:02

Tank 4 - Diesel

Capacity: 10,36...
Diameter: 118 in

Volume: 4,006...
Ullage: 6,363...
Water: 0.0 G...
0.0 in...
Temp: 92.91...

Last Updated: 08/01/2016 13:02

Alarms: 0

Last Updated:

Compliance: Co

Last Updated: 08/01/2016 12:16

Variance: -0.02%

Last Updated: 08/01/2016 00:00

Inventory:

Inventory Volume: 4,006 Gallons

Water Level: 0.0 inches

Last Updated: 08/01/2016 13:02

Web Intelligence



Track

Drill

Filter Bar

Outline

Reading

Design



Compliance Site Summary

3/15/2016 - 8/12/2016

Customer Name: AAFES Exchange
Site Name: Bliss Cassidy Express
Site Address: 1333 Cassidy Rd
Ft. Bliss, TX 79916

Customer ID: S701588
Site ID: 3770140500
Site GVR ID: 830771

	4/2016	5/2016	6/2016	7/2016	8/2016
Total Tanks	4	4	4	5	4
Total Lines	7	5	9	9	5
Total Sensors	0	0	0	0	0
	4/2016	5/2016	6/2016	7/2016	8/2016
Compliant Tanks	4	4	4	5	4
Compliant Lines	7	5	9	9	5
Compliant Sensors	0	0	0	0	0
	4/2016	5/2016	6/2016	7/2016	8/2016
Tanks % Compliant	100	100	100	100	100
Lines % Compliant	100	100	100	100	100
Sensors % Compliant	0	0	0	0	0


*Pop
Up
Looks
like
this*

Compliance Site Detail

www.myfmsonline.com/BOE/OpenDocument/1408251159/OpenDocument/opendoc/openDocument.jsp - Google Chrome

www.myfmsonline.com/BOE/OpenDocument/1408251159/OpenDocument/opendoc/openDocument.jsp

Web Intelligence | [Icons] | [Track] [Drill] [Filter Bar] [Outline] | Reading | Design | [?]



Compliance Site Detail

7/13/2016 - 8/12/2016

Customer Name: AAFES Exchange
Site Name: Bliss Cassidy Express
Site Address: 1333 Cassidy Rd
Ft. Bliss, TX 79916

Customer ID: S701588
Site ID: 3770140500
Site GVR ID: 830771

TANKS							
Tank Number	Device Label	Period Start Date	Period End Date	Test Date	Days Until Due	Test Type	Compliance Result
1	Unleaded 1	7/13/2016	8/12/2016	7/31/2016		SENSOR STATUS	NORMAL
2	Unleaded 2	7/13/2016	8/12/2016	7/31/2016		SENSOR STATUS	NORMAL
3	Premium	7/13/2016	8/12/2016	7/31/2016		SENSOR STATUS	NORMAL
4	Diesel	7/13/2016	8/12/2016	7/31/2016		SENSOR STATUS	NORMAL

LINES							
Line Number	Device Label	Period Start Date	Period End Date	Test Date	Days Until Due	Test Type	Compliance Result
1	Unleaded	7/13/2016	8/12/2016	7/31/2016		0.2 GPH MONTHLY	PASS
2	Unleaded 2	7/13/2016	8/12/2016	7/31/2016		0.2 GPH MONTHLY	PASS
3	Premium	7/13/2016	8/12/2016	7/31/2016		0.2 GPH MONTHLY	PASS
4	Premium 2	7/13/2016	8/12/2016	7/31/2016		0.2 GPH MONTHLY	PASS
5	Diesel	7/13/2016	8/12/2016	7/31/2016		0.2 GPH MONTHLY	PASS

Compliance Site Summary | Compliance Site Detail

Compliance Site Detail | Track changes: Off | Page 1 of 1 | 100% | 24 minutes ago

> Final Thoughts



- › **Aging systems**
 - › Tanks typically have 30 year warranties
 - › Lifecycle
 - › Repair vs replace
- › **New State regulations**
 - › Inventory Control
 - › Enacting 40 CFR 280 timelines
- › **Corrosion**
- › **New Fuels**
- › **NESHAP**





Thank You

Thank you for your time and attention

› Repairs and Maintenance

› [Greg Smith](#) (214)312-2109

› Legal, Permits, Fees, Fines

› [Troy Wallace](#) (214)312-3067

› Responsibility for Funding Repairs

› [Captain James Green](#) (214)312-2107

› Fuel Operations

› [HQ Fuel](#) (214)312-3189

› Veeder-Root Compliance issues if site has TLS 450Plus

› [Jason Patriquin](#) (336)315-2816

› Veeder-Root Alarms (locations with TLS 450Plus)

› [Alarm Team](#) (800)997-7725

› Environmental compliance

› [Robert Largent](#) (214) 312-2099



> Questions?



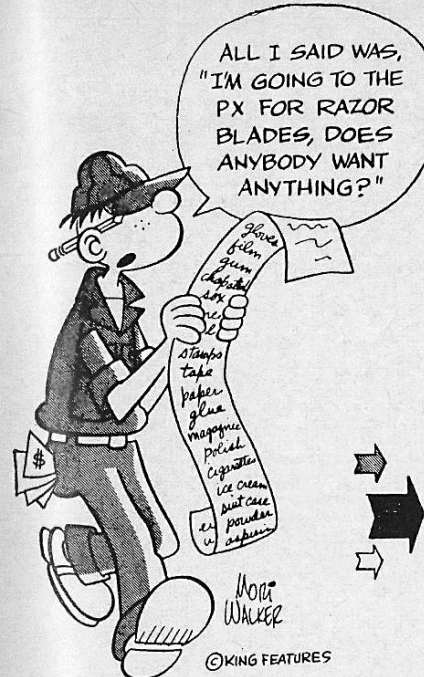
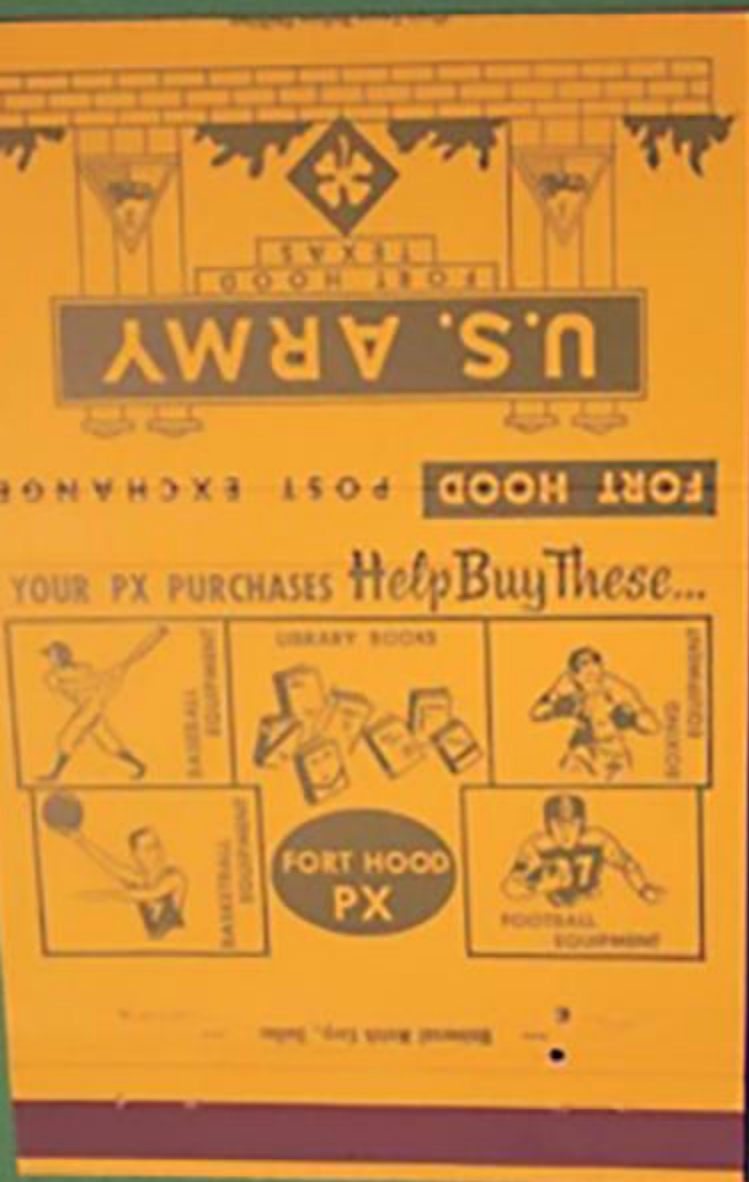
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The Veterans online shopping benefit allows honorably discharged Veterans to shop all online exchanges.

- To qualify for participation in the Veterans online shopping benefit, **you must be an honorably discharged Veteran of the United States Armed Forces.**
- This includes the United States Air Force, Army, Navy, Marines and Coast Guard as well as the Air Force Reserve, Army Reserve, Navy Reserve, Marine Corps Reserve, Coast Guard Reserve and National Guard.
- This is an online-only shopping benefit and does not grant on-base access.

To verify your eligibility to shop your military exchanges online, go to ***shopmyexchange.com/Veterans***



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Did You Know?

Shopping at exchanges is not a "right" but a privilege accorded to Servicemen and their families by Congress

YOUR EXCHANGE OFFICER SUGGESTS... "PROTECT YOUR PX PRIVILEGE!"

DO NOT... PURCHASE FOR UNAUTHORIZED PERSONS THE PX IS YOUR STORE, RUN FOR YOU ALONE! FOR YOUR BENEFIT!

DO NOT... PRICE THINGS AT A CIVILIAN STORE WITH NO INTENT TO BUY. THE TIME OF THESE PEOPLE IS VALUABLE. DO NOT ASK THEM TO WASTE IT!

DO NOT... BOAST TO CIVILIAN MERCHANTS THAT YOU CAN GET IT CHEAPER AT THE PX. THEY HAVE LEGITIMATE EXPENSES AND THEIR PRICES MUST BE HIGHER.

DO NOT... ALLOW UNAUTHORIZED PERSONS TO PURCHASE IN YOUR PX. IF OTHERS USE IT YOU WILL IN TIME LOSE ITS BENEFITS.

YOUR RETURN ON PX EARNINGS...

...helps finance the cost of leisure time morale activities

Any PX QUESTIONS?

YOUR EXCHANGE OFFICER WILL BE GLAD TO HELP YOU!

THE ARMY PX'S AND THE AIR FORCE BX'S ARE CO-EQUAL PARTNERS IN THE OPERATION OF THE ARMY AND AIR FORCE EXCHANGE SERVICE