

# 850 Purchase Order

Functional Group ID=**PO**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

## Notes:

**This document defines the business requirements for the AAFES Purchase Order (REV 1). All segments marked "RECOMMENDED", and elements marked "R", are required by AAFES and will always be transmitted in the AAFES purchase order unless noted in the segment definition. All elements marked ">>" are mandatory by the standards. All unmarked segments and elements will be transmitted as necessary in their respective segments.**

## Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
7	010	ST	Transaction Set Header	M	1		
8	020	BEG	Beginning Segment for Purchase Order	M	1		
Not Used	040	CUR	Currency	O	1		
9	050	REF	Reference Identification	O	>1		
10	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	>1		
11	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
Not Used	095	PAM	Period Amount	O	10		
12	110	CSH	Sales Requirements	O	5		
Not Used	115	TC2	Commodity	O	>1		
LOOP ID - SAC						25	
13	120	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	125	CUR	Currency	O	1		
15	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
Not Used	140	DIS	Discount Detail	O	20		
Not Used	145	INC	Installment Information	O	1		
16	150	DTM	Date/Time Reference	O	10		
Not Used	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	185	SI	Service Characteristic Identification	O	>1		
Not Used	190	PID	Product/Item Description	O	200		
Not Used	200	MEA	Measurements	O	40		
Not Used	210	PWK	Paperwork	O	25		
17	220	PKG	Marking, Packaging, Loading	O	200		
18	230	TD1	Carrier Details (Quantity and Weight)	O	2		
19	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		

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Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	270	MAN	Marks and Numbers	O	10
Not Used	276	PCT	Percent Amounts	O	>1
Not Used	280	CTB	Restrictions/Conditions	O	5
Not Used	285	TXI	Tax Information	O	>1
<b>LOOP ID - AMT</b>					<b>&gt;1</b>
Not Used	287	AMT	Monetary Amount	O	1
Not Used	289	REF	Reference Identification	O	>1
Not Used	290	DTM	Date/Time Reference	O	1
Not Used	292	PCT	Percent Amounts	O	>1
<b>LOOP ID - FA1</b>					<b>&gt;1</b>
Not Used	293	FA1	Type of Financial Accounting Data	O	1
Not Used	294	FA2	Accounting Data	M	>1
<b>LOOP ID - N9</b>					<b>1000</b>
21	295	N9	Reference Identification	O	1
Not Used	297	DTM	Date/Time Reference	O	>1
22	300	MSG	Message Text	O	1000
<b>LOOP ID - N1</b>					<b>200</b>
23	310	N1	Name	O	1
24	320	N2	Additional Name Information	O	2
25	330	N3	Address Information	O	2
26	340	N4	Geographic Location	O	>1
Not Used	345	NX2	Location ID Component	O	>1
Not Used	350	REF	Reference Identification	O	12
Not Used	360	PER	Administrative Communications Contact	O	>1
Not Used	365	SI	Service Characteristic Identification	O	>1
Not Used	370	FOB	F.O.B. Related Instructions	O	1
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	400	TD3	Carrier Details (Equipment)	O	12
Not Used	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	420	PKG	Marking, Packaging, Loading	O	200
<b>LOOP ID - LM</b>					<b>&gt;1</b>
Not Used	430	LM	Code Source Information	O	1
Not Used	440	LQ	Industry Code	M	>1
<b>LOOP ID - SPI</b>					<b>&gt;1</b>
Not Used	450	SPI	Specification Identifier	O	1
Not Used	460	REF	Reference Identification	O	5
Not Used	470	DTM	Date/Time Reference	O	5
Not Used	480	MSG	Message Text	O	50
<b>LOOP ID - N1</b>					<b>20</b>
Not Used	490	N1	Name	O	1
Not Used	500	N2	Additional Name Information	O	2
Not Used	510	N3	Address Information	O	2
Not Used	520	N4	Geographic Location	O	1
Not Used	530	REF	Reference Identification	O	20
Not Used	540	G61	Contact	O	1

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Not Used	550	MSG	Message Text	O	50
			<b>LOOP ID - CB1</b>	>1	
Not Used	560	CB1	Contract and Cost Accounting Standards Data	O	1
Not Used	570	REF	Reference Identification	O	20
Not Used	580	DTM	Date/Time Reference	O	5
Not Used	590	LDT	Lead Time	O	1
Not Used	600	MSG	Message Text	O	50
			<b>LOOP ID - ADV</b>	>1	
Not Used	610	ADV	Advertising Demographic Information	O	1
Not Used	620	DTM	Date/Time Reference	O	>1
Not Used	630	MTX	Text	O	>1

## Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
			<b>LOOP ID - PO1</b>	100000			
27	010	PO1	Baseline Item Data	M	1		n2
Not Used	015	LIN	Item Identification	O	>1		
Not Used	018	SI	Service Characteristic Identification	O	>1		
Not Used	020	CUR	Currency	O	1		
Not Used	025	CN1	Contract Information	O	1		
29	030	PO3	Additional Item Detail	O	25		
			<b>LOOP ID - CTP</b>	>1			
Not Used	040	CTP	Pricing Information	O	1		
Not Used	043	CUR	Currency	O	1		
Not Used	045	PAM	Period Amount	O	10		
Not Used	049	MEA	Measurements	O	40		
			<b>LOOP ID - PID</b>	1000			
30	050	PID	Product/Item Description	O	1		
Not Used	060	MEA	Measurements	O	10		
Not Used	070	PWK	Paperwork	O	25		
31	090	PO4	Item Physical Details	O	>1		
Not Used	100	REF	Reference Identification	O	>1		
Not Used	110	PER	Administrative Communications Contact	O	3		
			<b>LOOP ID - SAC</b>	25			
32	130	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	135	CUR	Currency	O	1		
Not Used	137	CTP	Pricing Information	O	1		
Not Used	140	IT8	Conditions of Sale	O	1		
Not Used	142	CSH	Sales Requirements	O	>1		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	160	DIS	Discount Detail	O	20		
Not Used	165	INC	Installment Information	O	1		
Not Used	170	TAX	Tax Reference	O	>1		
Not Used	180	FOB	F.O.B. Related Instructions	O	>1		
34	190	SDQ	Destination Quantity	O	500		
Not Used	200	IT3	Additional Item Data	O	5		
Not Used	210	DTM	Date/Time Reference	O	10		

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Not Used	235	TC2	Commodity	O	>1	
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1	
Not Used	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	260	TD3	Carrier Details (Equipment)	O	12	
Not Used	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	276	PCT	Percent Amounts	O	>1	
Not Used	280	MAN	Marks and Numbers	O	10	
Not Used	289	MSG	Message Text	O	>1	
Not Used	290	SPI	Specification Identifier	O	>1	
Not Used	291	TXI	Tax Information	O	>1	
Not Used	292	CTB	Restrictions/Conditions	O	>1	
<b>LOOP ID - QTY</b>					<b>&gt;1</b>	
Not Used	293	QTY	Quantity	O	1	
Not Used	294	SI	Service Characteristic Identification	O	>1	
<b>LOOP ID - SCH</b>					<b>200</b>	
Not Used	295	SCH	Line Item Schedule	O	1	n3
Not Used	296	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	297	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	298	TD3	Carrier Details (Equipment)	O	12	
Not Used	299	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	300	REF	Reference Identification	O	>1	
<b>LOOP ID - PKG</b>					<b>200</b>	
Not Used	305	PKG	Marking, Packaging, Loading	O	1	
Not Used	310	MEA	Measurements	O	>1	
Not Used	320	LS	Loop Header	O	1	
<b>LOOP ID - LDT</b>					<b>&gt;1</b>	
Not Used	321	LDT	Lead Time	O	1	
Not Used	322	QTY	Quantity	O	>1	
Not Used	323	MSG	Message Text	O	1	
Not Used	324	REF	Reference Identification	O	3	
<b>LOOP ID - LM</b>					<b>&gt;1</b>	
Not Used	325	LM	Code Source Information	O	1	
Not Used	326	LQ	Industry Code	M	>1	
Not Used	327	LE	Loop Trailer	O	1	
<b>LOOP ID - N9</b>					<b>1000</b>	
Not Used	330	N9	Reference Identification	O	1	
Not Used	332	DTM	Date/Time Reference	O	>1	
Not Used	335	MEA	Measurements	O	40	
Not Used	340	MSG	Message Text	O	1000	
<b>LOOP ID - N1</b>					<b>200</b>	
Not Used	350	N1	Name	O	1	
Not Used	360	N2	Additional Name Information	O	2	
Not Used	370	N3	Address Information	O	2	
Not Used	380	N4	Geographic Location	O	1	
Not Used	383	QTY	Quantity	O	>1	
Not Used	385	NX2	Location ID Component	O	>1	
Not Used	390	REF	Reference Identification	O	12	

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Not Used	400	PER	Administrative Communications Contact	O	3
Not Used	405	SI	Service Characteristic Identification	O	>1
Not Used	406	DTM	Date/Time Reference	O	1
Not Used	410	FOB	F.O.B. Related Instructions	O	1
Not Used	415	SCH	Line Item Schedule	O	200
Not Used	420	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	430	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	440	TD3	Carrier Details (Equipment)	O	12
Not Used	450	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	460	PKG	Marking, Packaging, Loading	O	200
<b>LOOP ID - LDT</b>					<b>&gt;1</b>
Not Used	462	LDT	Lead Time	O	1
Not Used	464	MAN	Marks and Numbers	O	10
Not Used	466	QTY	Quantity	O	5
Not Used	468	MSG	Message Text	O	1
Not Used	469	REF	Reference Identification	O	3
<b>LOOP ID - SLN</b>					<b>1000</b>
Not Used	470	SLN	Subline Item Detail	O	1
Not Used	475	MSG	Message Text	O	>1
Not Used	480	SI	Service Characteristic Identification	O	>1
Not Used	490	PID	Product/Item Description	O	1000
Not Used	500	PO3	Additional Item Detail	O	104
Not Used	505	TC2	Commodity	O	>1
Not Used	513	ADV	Advertising Demographic Information	O	>1
Not Used	515	DTM	Date/Time Reference	O	10
Not Used	516	CTP	Pricing Information	O	25
Not Used	517	PAM	Period Amount	O	10
Not Used	518	PO4	Item Physical Details	O	1
Not Used	519	TAX	Tax Reference	O	3
<b>LOOP ID - N9</b>					<b>&gt;1</b>
Not Used	523	N9	Reference Identification	O	1
Not Used	524	DTM	Date/Time Reference	O	>1
Not Used	525	MSG	Message Text	O	>1
<b>LOOP ID - SAC</b>					<b>25</b>
Not Used	526	SAC	Service, Promotion, Allowance, or Charge Information	O	1
Not Used	527	CUR	Currency	O	1
Not Used	528	CTP	Pricing Information	O	1
<b>LOOP ID - QTY</b>					<b>&gt;1</b>
Not Used	529	QTY	Quantity	O	1
Not Used	530	SI	Service Characteristic Identification	O	>1
<b>LOOP ID - N1</b>					<b>10</b>
Not Used	535	N1	Name	O	1
Not Used	540	N2	Additional Name Information	O	2
Not Used	550	N3	Address Information	O	2
Not Used	560	N4	Geographic Location	O	1
Not Used	570	NX2	Location ID Component	O	>1
Not Used	580	REF	Reference Identification	O	12

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Not Used	590	PER	Administrative Communications Contact	O	3
Not Used	595	SI	Service Characteristic Identification	O	>1
<b>LOOP ID - AMT</b>					<b>&gt;1</b>
Not Used	600	AMT	Monetary Amount	O	1
Not Used	610	REF	Reference Identification	O	1
Not Used	612	PCT	Percent Amounts	O	>1
<b>LOOP ID - LM</b>					<b>&gt;1</b>
Not Used	620	LM	Code Source Information	O	1
Not Used	630	LQ	Industry Code	M	>1

## Summary:

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<b>LOOP ID - CTT</b>						<b>1</b>	
36	010	CTT	Transaction Totals	O	1		n4
Not Used	020	AMT	Monetary Amount	O	1		n5
37	030	SE	Transaction Set Trailer	M	1		

## Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. PO102 is required.
3. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
4. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
5. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

# Army and Air Force Exchange Service

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).  
**Comments:**

## Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	ST01	143 Transaction Set Identifier Code Code uniquely identifying a Transaction Set	M ID 3/3
		850 Purchase Order	
>>	ST02	329 Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

# Army and Air Force Exchange Service

**Segment:** **BEG** Beginning Segment for Purchase Order  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

**Syntax Notes:**  
**Semantic Notes:** 1 BEG05 is the date assigned by the purchaser to purchase order.  
**Comments:**

## Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>>	BEG01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set	M ID 2/2
			00 Original This value will be transmitted on all production purchase orders.	
			06 Confirmation This value will be transmitted on all startup parallel test purchase orders.	
			22 Information Copy	
>>	BEG02	92	<b>Purchase Order Type Code</b> Code specifying the type of Purchase Order	M ID 2/2
			OS Special Order	
			RE Reorder	
			RL Release or Delivery Order An order for goods and services placed against a pre-existing contract or blanket order	
			SA Stand-alone Order	
			SS Supply or Service Order	
>>	BEG03	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22
>>	BEG05	373	<b>Date</b> Date expressed as CCYYMMDD	M DT 8/8
	BEG06	367	<b>Contract Number</b> Contract number	O AN 1/30

# Army and Air Force Exchange Service

**Segment:** REF Reference Identification  
**Position:** 050  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**  
**Notes:**

**The TG reference number qualifier and corresponding reference number will only be utilized on overseas shipments.**

**The CR reference number qualifier and corresponding reference number will only be utilized on Catalog Drop Ship Purchase Orders, shipped directly to the customer.**

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
>> REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
		CR Customer Reference Number	
		TG Transportation Control Number (TCN)	
REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

# Army and Air Force Exchange Service

**Segment:** PER Administrative Communications Contact  
**Position:** 060  
**Loop:**  
**Level:** Heading  
**Usage:** Optional (Recommended)  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:**

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

## Data Element Summary

Ref.	Data Element	Name	Attributes
>>	PER01	366 Contact Function Code	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		<b>BD Buyer Name or Department</b>	
		Utilized for all AAFES buyer initiated purchase orders.	
		<b>DC Delivery Contact</b>	
		Utilized only on customer initiated catalog drop ship purchase orders.	
		<b>OC Order Contact</b>	
		Utilized only on customer initiated catalog drop ship purchase orders.	
R	PER02	93 Name	O AN 1/60
		Free-form name	
R	PER03	365 Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		<b>HP Home Phone Number</b>	
		Only used on catalog drop ship purchase orders.	
		<b>TE Telephone</b>	
		Used on AAFES buyer generated purchase orders.	
R	PER04	364 Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
	PER05	365 Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		<b>WP Work Phone Number</b>	
		Used on catalog drop ship purchase orders.	
	PER06	364 Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	

# Army and Air Force Exchange Service

**Segment:** **FOB F.O.B. Related Instructions**  
**Position:** 080  
**Loop:**  
**Level:** Heading  
**Usage:** Optional (Recommended)  
**Max Use:** >1  
**Purpose:** To specify transportation instructions relating to shipment  
**Syntax Notes:**

- 1 If FOB03 is present, then FOB02 is required.
- 2 If FOB04 is present, then FOB05 is required.
- 3 If FOB07 is present, then FOB06 is required.
- 4 If FOB08 is present, then FOB09 is required.

**Semantic Notes:**

- 1 FOB01 indicates which party will pay the carrier.
- 2 FOB02 is the code specifying transportation responsibility location.
- 3 FOB06 is the code specifying the title passage location.
- 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

**Comments:**

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	FOB01	146	<b>Shipment Method of Payment</b> Code identifying payment terms for transportation charges CC Collect PA Advance Prepaid PB Customer Pick-up/Backhaul PC Prepaid but Charged to Customer PP Prepaid (by Seller) TP Third Party Pay	M ID 2/2
R	FOB02	309	<b>Location Qualifier</b> Code identifying type of location CI City DE Destination (Shipping) FA Factory MI Mill OR Origin (Shipping Point) PL Plant RG Region Code TL Terminal Cargo Location Qualifies a code that identifies a geographic area where transportation rates apply	X ID 1/2
R	FOB03	352	<b>Description</b> A free-form description to clarify the related data elements and their content <b>This element will contain the shipping point. Element NOT REQUIRED on catlaog drop ship purchase orders.</b>	O AN 1/80

# Army and Air Force Exchange Service

**Segment:** CSH Sales Requirements  
**Position:** 110  
**Loop:**  
**Level:** Heading  
**Usage:** Optional (Recommended)  
**Max Use:** 5  
**Purpose:** To specify general conditions or requirements of the sale  
**Syntax Notes:**

- 1 If CSH02 is present, then CSH03 is required.
- 2 If either CSH06 or CSH07 is present, then the other is required.
- 3 If either CSH09 or CSH10 is present, then the other is required.

**Semantic Notes:**

- 1 CSH03 is the maximum monetary amount value which the order must not exceed.
- 2 CSH04 is the account number to which the purchase amount is charged.
- 3 CSH05 is the date specified by the sender to be shown on the invoice.
- 4 CSH06 identifies the source of the code value in CSH07.

**Comments:**

## Data Element Summary

Ref.	Data Element	Name	Attributes
R	CSH01	Sales Requirement Code	O ID 1/2
		Code to identify a specific requirement or agreement of sale	
		N	No Back Order
		Y	Back Order if Out of Stock

# Army and Air Force Exchange Service

**Segment:** SAC Service, Promotion, Allowance, or Charge Information

**Position:** 120

**Loop:** SAC Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
  - 2 If either SAC03 or SAC04 is present, then the other is required.
  - 3 If either SAC06 or SAC07 is present, then the other is required.
  - 4 If either SAC09 or SAC10 is present, then the other is required.
  - 5 If SAC11 is present, then SAC10 is required.
  - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
  - 7 If SAC14 is present, then SAC13 is required.
  - 8 If SAC16 is present, then SAC15 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
  - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
  - 3 SAC08 is the allowance or charge rate per unit.
  - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
  - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
  - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
  - 7 SAC16 is used to identify the language being used in SAC15.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
  - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

**Notes:** AAFES max use is ten.

## Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
>> SAC01	248	<b>Allowance or Charge Indicator</b> Code which indicates an allowance or charge for the service specified	<b>M ID 1/1</b>
		A Allowance	
		C Charge	
		N No Allowance or Charge	
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b> Code identifying the service, promotion, allowance, or charge	<b>X ID 4/4</b>
		A260 Advertising Allowance	
		A630 Blocking and Bracing Charge	
		B190 Closing & Sealing	
		B320 Competitive Allowance	
		B560 Container Allowance	
		B570 Container Deposits	
		C000 Defective Allowance	
		C310 Discount	

# Army and Air Force Exchange Service

<b>C350</b>	<b>Distributor Discount/Allowance</b>
<b>C540</b>	<b>Early Buy Allowance</b>
<b>C560</b>	<b>Early Ship Allowance</b>
<b>C680</b>	<b>Environmental Protection Service</b>
<b>D240</b>	<b>Freight</b>
<b>D530</b>	<b>Hazardous Cargo Charge</b>
<b>E550</b>	<b>Market Development Funds</b>
<b>E800</b>	<b>No Return Credit Allowance</b>
<b>F170</b>	<b>Pallet Exchange Charge</b>
<b>F190</b>	<b>Palletizing</b>
<b>F340</b>	<b>Pick/Up</b>
<b>F800</b>	<b>Promotional Allowance</b>
<b>F910</b>	<b>Quantity Discount</b>
<b>G170</b>	<b>Redistribution Allowance</b>
<b>G360</b>	<b>Repack Charge</b>
<b>G470</b>	<b>Restocking Charge</b>
<b>G870</b>	<b>Shrink-Wrap Charge</b>
<b>H000</b>	<b>Special Allowance</b>
<b>H660</b>	<b>Tax - Federal Excise Tax, FET</b>
<b>H770</b>	<b>Tax - State Tax</b>
<b>H920</b>	<b>Temporary Allowance</b>
<b>I170</b>	<b>Trade Discount</b>
<b>I310</b>	<b>Truckload Discount</b>
<b>I410</b>	<b>Unsaleable Merchandise Allowance</b>
<b>I530</b>	<b>Volume Discount</b>

**SAC05 610 Amount O N2 1/15**  
 Monetary amount

**SAC12 331 Allowance or Charge Method of Handling Code O ID 2/2**  
 Code indicating method of handling for an allowance or charge

<b>01</b>	<b>Bill Back</b>
<b>02</b>	<b>Off Invoice</b>
<b>03</b>	<b>Vendor Check to Customer</b>
<b>04</b>	<b>Credit Customer Account</b>
<b>05</b>	<b>Charge to be Paid by Vendor</b>
<b>06</b>	<b>Charge to be Paid by Customer</b>

# Army and Air Force Exchange Service

**Segment:** **ITD** Terms of Sale/Deferred Terms of Sale  
**Position:** 130  
**Loop:**  
**Level:** Heading  
**Usage:** Optional (Recommended)  
**Max Use:** >1  
**Purpose:** To specify terms of sale  
**Syntax Notes:**

- 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
- 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
- 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.

**Semantic Notes:**

- 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.

**Comments:**

- 1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

**Notes:** **NOT REQUIRED on Catalog Drop Ship Purchase Orders.**

## Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Terms Type Code</u>	
R	ITD01	336	O ID 2/2
		Code identifying type of payment terms	
		01 Basic	
		02 End of Month (EOM)	
		03 Fixed Date	
		04 Deferred or Installment	
		05 Discount Not Applicable	
		06 Mixed	
		07 Extended	
		08 Basic Discount Offered	
		09 Proximo	
		11 Elective	
		12 10 Days After End of Month (10 EOM)	
		14 Previously agreed upon	
	ITD03	338 Terms Discount Percent	O R 1/6
		Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	
	ITD04	370 Terms Discount Due Date	X DT 8/8
		Date payment is due if discount is to be earned expressed in format CCYYMMDD	
	ITD05	351 Terms Discount Days Due	X N0 1/3
		Number of days in the terms discount period by which payment is due if terms discount is earned	
	ITD06	446 Terms Net Due Date	O DT 8/8
		Date when total invoice amount becomes due expressed in format CCYYMMDD	
	ITD07	386 Terms Net Days	O N0 1/3
		Number of days until total invoice amount is due (discount not applicable)	
	ITD12	352 Description	O AN 1/80
		A free-form description to clarify the related data elements and their content	

# Army and Air Force Exchange Service

**Segment:** DTM Date/Time Reference  
**Position:** 150  
**Loop:**  
**Level:** Heading  
**Usage:** Optional (Recommended)  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Notes:**

**NOT REQUIRED on Catalog Drop Ship Purchase Orders.  
AAFES max use is six.**

### Data Element Summary

Ref.	Data	Name		Attributes
<u>Des.</u>	<u>Element</u>	<u>Date/Time Qualifier</u>		<u>M</u> <u>ID</u> 3/3
>>	DTM01	374	Code specifying type of date or time, or both date and time 001 Cancel After 002 Delivery Requested 010 Requested Ship 015 Promotion Start 023 Promotion Order - Start 038 Ship No Later 077 Requested for Delivery (Week of)	
R	DTM02	373	Date Date expressed as CCYYMMDD	X DT 8/8

# Army and Air Force Exchange Service

**Segment:** **PKG** Marking, Packaging, Loading  
**Position:** 220  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 200  
**Purpose:** To describe marking, packaging, loading, and unloading requirements  
**Syntax Notes:**

- 1 At least one of PKG04 PKG05 or PKG06 is required.
- 2 If PKG04 is present, then PKG03 is required.
- 3 If PKG05 is present, then PKG01 is required.

**Semantic Notes:**

- 1 PKG04 should be used for industry-specific packaging description codes.

**Comments:**

- 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
- 2 If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.
- 3 Use PKG03 to indicate the organization that publishes the code list being referred to.
- 4 Special marking or tagging data can be given in PKG05 (description).

**Notes:** **The PKG segment will only be transmitted to transmit Military TCN markings for overseas shipments. AAFES max use is seven.**

## Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>PKG01</b>	<b>349</b>	<b>Item Description Type</b> Code indicating the format of a description <b>F</b> <b>Free-form</b>	<b>X ID 1/1</b>
<b>PKG02</b>	<b>753</b>	<b>Packaging Characteristic Code</b> Code specifying the marking, packaging, loading and related characteristics being described <b>10</b> <b>Shipping Package Labeling</b>	<b>O ID 1/5</b>
<b>PKG05</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>X AN 1/80</b>

# Army and Air Force Exchange Service

**Segment:** **TD1** Carrier Details (Quantity and Weight)  
**Position:** 230  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the transportation details relative to commodity, weight, and quantity  
**Syntax Notes:**

- 1 If TD101 is present, then TD102 is required.
- 2 If TD103 is present, then TD104 is required.
- 3 If TD106 is present, then TD107 is required.
- 4 If either TD107 or TD108 is present, then the other is required.
- 5 If either TD109 or TD110 is present, then the other is required.

**Semantic Notes:**  
**Comments:**  
**Notes:** **AAFES max use is one.**

## Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>TD103</b>	<b>23</b>	<b>Commodity Code Qualifier</b> Code identifying the commodity coding system used for Commodity Code	<b>O ID 1/1</b>
		<b>I Milstamp AITC or Water Commodity Code</b>	
<b>TD104</b>	<b>22</b>	<b>Commodity Code</b> Code describing a commodity or group of commodities	<b>X AN 1/30</b>

# Army and Air Force Exchange Service

- Segment:** **TD5** Carrier Details (Routing Sequence/Transit Time)  
**Position:** 240  
**Loop:**  
**Level:** Heading  
**Usage:** Optional (Recommended)  
**Max Use:** 12  
**Purpose:** To specify the carrier and sequence of routing and provide transit time information  
**Syntax Notes:**
  - 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
  - 2 If TD502 is present, then TD503 is required.
  - 3 If TD507 is present, then TD508 is required.
  - 4 If TD510 is present, then TD511 is required.
  - 5 If TD513 is present, then TD512 is required.
  - 6 If TD514 is present, then TD513 is required.
  - 7 If TD515 is present, then TD512 is required.**Semantic Notes:**
  - 1 TD515 is the country where the service is to be performed.**Comments:**
  - 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.**Notes:** **TD505 IS REQUIRED BY AAFES.**

**TD505 will be used to specify a carrier, and/or provide a required "CALL STAMP." If you are FOB Origin, and receive a call stamp, you must CALL AAFES for routing instructions prior to shipment.**

**If a routing deviation is required, call AAFES Logistics.**

## Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
R	TD504	91 Transportation Method/Type Code	X ID 1/2
		Code specifying the method or type of transportation for the shipment	
		<b>NOT REQUIRED for Catalog Drop Ship Purchase Orders.</b>	
		A	Air
		AF	Air Freight
		B	Barge
		BP	Book Postal
		C	Consolidation
		D	Parcel Post
		E	Expedited Truck
		FL	Motor (Flatbed)
		H	Customer Pickup
		I	Common Irregular Carrier
		L	Contract Carrier
		LT	Less Than Trailer Load (LTL)
		M	Motor (Common Carrier)
		O	Containerized Ocean
		P	Private Carrier
		Q	Conventional Ocean
		R	Rail
		S	Ocean
		SE	Sea/Air
		T	Best Way (Shippers Option)

# Army and Air Force Exchange Service

U Private Parcel Service  
X Intermodal (Piggyback)  
ZZ Mutually defined

Represents truck load shipments.

R	TD505	387	<b>Routing</b>	X AN 1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
			<b>This element will be used to specify a carrier, and/or provide required "CALL FOR ROUTING" information.</b>	

# Army and Air Force Exchange Service

- Segment:** N9 Reference Identification  
**Position:** 295  
**Loop:** N9 Optional (Recommended)  
**Level:** Heading  
**Usage:** Optional (Recommended)  
**Max Use:** 1  
**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier  
**Syntax Notes:**
  - 1 At least one of N902 or N903 is required.
  - 2 If N906 is present, then N905 is required.
  - 3 If either C04003 or C04004 is present, then the other is required.
  - 4 If either C04005 or C04006 is present, then the other is required.**Semantic Notes:**
  - 1 N906 reflects the time zone which the time reflects.
  - 2 N907 contains data relating to the value cited in N902.**Comments:**  
**Notes:** Required by AAFES.

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
>> N901	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
		AH Agreement Number	
N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

# Army and Air Force Exchange Service

**Segment:** **MSG** Message Text  
**Position:** 300  
**Loop:** N9 Optional (Recommended)  
**Level:** Heading  
**Usage:** Optional (Recommended)  
**Max Use:** 1000  
**Purpose:** To provide a free-form format that allows the transmission of text information  
**Syntax Notes:** 1 If MSG03 is present, then MSG02 is required.  
**Semantic Notes:** 1 MSG03 is the number of lines to advance before printing.  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.  
 2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.  
**Notes:** **Required by AAFES.**

## Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
>> MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264

# Army and Air Force Exchange Service

**Segment:** N1 Name  
**Position:** 310  
**Loop:** N1 Optional (Recommended)  
**Level:** Heading  
**Usage:** Optional (Recommended)  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
 2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
 2 N105 and N106 further define the type of entity in N101.

## Data Element Summary

Ref.	Data Element	Name	Attributes
>>	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		BT Bill-to-Party	
		MA Party for whom Item is Ultimately Intended	
		RT Returned to	
		Location to which goods have or will be returned	
		Only used on catalog drop ship purchase orders.	
		ST Ship To	
		When utilized for catalog drop ship purchase orders, the N103 and N104 are NOT REQUIRED.	
		VN Vendor	
		When used, the N1 segment will be transmitted without corresponding N2, N3, and N4.	
		Z7 Mark-for Party	
		The party for whom the needed material is intended	
		Only used for orders that are consolidated or transhipped.	
R	N102	93 Name	X AN 1/60
		Free-form name	
R	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		92 Assigned by Buyer or Buyer's Agent	
		AAFES 4 digit alpha/numeric facility number or 7 digit numeric facility number.	
R	N104	67 Identification Code	X AN 2/80
		Code identifying a party or other code	

# Army and Air Force Exchange Service

**Segment:** N2 Additional Name Information  
**Position:** 320  
**Loop:** N1 Optional (Recommended)  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

## Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
>>	N201	93	Name Free-form name	M AN 1/60

# Army and Air Force Exchange Service

**Segment:** N3 Address Information  
**Position:** 330  
**Loop:** N1 Optional (Recommended)  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

This segment may repeat a max of two times to contain all address information.

## Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>> N301	166	Address Information Address information	M AN 1/55
N302	166	Address Information Address information	O AN 1/55

# Army and Air Force Exchange Service

**Segment:** N4 Geographic Location  
**Position:** 340  
**Loop:** N1 Optional (Recommended)  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
 2 N402 is required only if city name (N401) is in the U.S. or Canada.

## Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26	Country Code Code identifying the country	O ID 2/3

# Army and Air Force Exchange Service

**Segment:** **PO1** Baseline Item Data  
**Position:** 010  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify basic and most frequently used line item data  
**Syntax Notes:**

- 1 If PO103 is present, then PO102 is required.
- 2 If PO105 is present, then PO104 is required.
- 3 If either PO106 or PO107 is present, then the other is required.
- 4 If either PO108 or PO109 is present, then the other is required.
- 5 If either PO110 or PO111 is present, then the other is required.
- 6 If either PO112 or PO113 is present, then the other is required.
- 7 If either PO114 or PO115 is present, then the other is required.
- 8 If either PO116 or PO117 is present, then the other is required.
- 9 If either PO118 or PO119 is present, then the other is required.
- 10 If either PO120 or PO121 is present, then the other is required.
- 11 If either PO122 or PO123 is present, then the other is required.
- 12 If either PO124 or PO125 is present, then the other is required.

**Semantic Notes:**

**Comments:**

- 1 See the Data Element Dictionary for a complete list of IDs.
- 2 PO101 is the line item identification.
- 3 PO106 through PO125 provide for ten different product/service IDs per each item.  
For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

### Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
R	PO101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set <b>This element will contain the purchase order item line number.</b>	O AN 1/20
R	PO102	330	<b>Quantity Ordered</b> Quantity ordered	X R 1/15
R	PO103	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
R	PO104	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	X R 1/17
R	PO105	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item <b>UM Price per Unit of Measure</b>	O ID 2/2
R	PO106	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>UA U.P.C./EAN Case Code (2-5-5)</b> <b>UP U.P.C. Consumer Package Code (1-5-5-1)</b>	X ID 2/2
R	PO107	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
	PO108	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>PI Purchaser's Item Code</b>	X ID 2/2
	PO109	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48

## Army and Air Force Exchange Service

		AAFES item number.		
PO110	235	<b>Product/Service ID Qualifier</b>		X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		<b>VA</b>	<b>Vendor's Style Number</b>	
PO111	234	<b>Product/Service ID</b>		X AN 1/48
		Identifying number for a product or service		
PO112	235	<b>Product/Service ID Qualifier</b>		X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		<b>CB</b>	<b>Buyer's Catalog Number</b>	
PO113	234	<b>Product/Service ID</b>		X AN 1/48
		Identifying number for a product or service		
PO114	235	<b>Product/Service ID Qualifier</b>		X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		<b>IB</b>	<b>International Standard Book Number (ISBN)</b>	
PO115	234	<b>Product/Service ID</b>		X AN 1/48
		Identifying number for a product or service		
PO116	235	<b>Product/Service ID Qualifier</b>		X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		<b>U2</b>	<b>U.P.C. Shipping Container Code (1-2-5-5)</b>	
			<b>A 13-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, and the remaining five digits are the item code</b>	
PO117	234	<b>Product/Service ID</b>		X AN 1/48
		Identifying number for a product or service		
PO118	235	<b>Product/Service ID Qualifier</b>		X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		<b>EN</b>	<b>European Article Number (EAN) (2-5-5-1)</b>	
PO119	234	<b>Product/Service ID</b>		X AN 1/48
		Identifying number for a product or service		

# Army and Air Force Exchange Service

**Segment:** **PO3 Additional Item Detail**  
**Position:** 030  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To specify additional item-related data involving variations in normal price/quantity structure  
**Syntax Notes:** 1 If PO304 is present, then at least one of PO303 or PO305 is required.  
**Semantic Notes:**  
**Comments:** 1 Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).  
 2 PO307 defines the unit of measure for PO306.  
**Notes:** **The P03 segment will only be utilized to transmit sell price for pre-marking of merchandise or sell price for catalog drop ship purchase orders.**

## Data Element Summary

Ref.	Data Element	Name	Attributes
>>	PO301	371 <b>Change Reason Code</b> Code specifying the reason for price or quantity change <b>UP</b> <b>Unit Price</b>	<b>M ID 2/2</b>
	PO302	373 <b>Date</b> Date expressed as CCYYMMDD	<b>O DT 8/8</b>
	PO303	236 <b>Price Identifier Code</b> Code identifying pricing specification <b>RES</b> <b>Resale</b>	<b>X ID 3/3</b>
	PO304	212 <b>Unit Price</b> Price per unit of product, service, commodity, etc.	<b>O R 1/17</b>
>>	PO306	380 <b>Quantity</b> Numeric value of quantity	<b>M R 1/15</b>
>>	PO307	355 <b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	<b>M ID 2/2</b>

# Army and Air Force Exchange Service

- Segment:** **PID** Product/Item Description
- Position:** 050
- Loop:** PID Optional (Recommended)
- Level:** Detail
- Usage:** Optional (Recommended)
- Max Use:** 1
- Purpose:** To describe a product or process in coded or free-form format
- Syntax Notes:**
- 1 If PID04 is present, then PID03 is required.
  - 2 At least one of PID04 or PID05 is required.
  - 3 If PID07 is present, then PID03 is required.
  - 4 If PID08 is present, then PID04 is required.
  - 5 If PID09 is present, then PID05 is required.
- Semantic Notes:**
- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
  - 2 PID04 should be used for industry-specific product description codes.
  - 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
  - 4 PID09 is used to identify the language being used in PID05.
- Comments:**
- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
  - 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
  - 3 PID07 specifies the individual code list of the agency specified in PID03.
- Notes:** **AAFES max use is thirty.**

## Data Element Summary

Ref.	Data	Name		Attributes
<u>Des.</u>	<u>Element</u>			
>>	PID01	349	Item Description Type	M ID 1/1
			F Free-form	
R	PID05	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	

# Army and Air Force Exchange Service

- Segment:** PO4 Item Physical Details
- Position:** 090
- Loop:** PO1 Mandatory
- Level:** Detail
- Usage:** Optional (Recommended)
- Max Use:** >1
- Purpose:** To specify the physical qualities, packaging, weights, and dimensions relating to the item
- Syntax Notes:**
- 1 If either PO402 or PO403 is present, then the other is required.
  - 2 If PO405 is present, then PO406 is required.
  - 3 If either PO406 or PO407 is present, then the other is required.
  - 4 If either PO408 or PO409 is present, then the other is required.
  - 5 If PO410 is present, then PO413 is required.
  - 6 If PO411 is present, then PO413 is required.
  - 7 If PO412 is present, then PO413 is required.
  - 8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
  - 9 If PO417 is present, then PO416 is required.
  - 10 If PO418 is present, then PO404 is required.
- Semantic Notes:**
- 1 PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
  - 2 PO416 is the package identifier or the beginning package identifier in a range of identifiers.
  - 3 PO417 is the ending package identifier in a range of identifiers.
  - 4 PO418 is the number of packages in this layer.
- Comments:**
- 1 PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
  - 2 PO413 defines the unit of measure for PO410, PO411, and PO412.
- Notes:** **NOT REQUIRED on Catalog Drop Ship Purchase Orders.**

## Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
R	PO401	356 Pack	O N0 1/6
		The number of inner containers, or number of eaches if there are no inner containers, per outer container	

# Army and Air Force Exchange Service

**Segment:** SAC Service, Promotion, Allowance, or Charge Information

**Position:** 130

**Loop:** SAC Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
  - 2 If either SAC03 or SAC04 is present, then the other is required.
  - 3 If either SAC06 or SAC07 is present, then the other is required.
  - 4 If either SAC09 or SAC10 is present, then the other is required.
  - 5 If SAC11 is present, then SAC10 is required.
  - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
  - 7 If SAC14 is present, then SAC13 is required.
  - 8 If SAC16 is present, then SAC15 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
  - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
  - 3 SAC08 is the allowance or charge rate per unit.
  - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
  - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
  - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
  - 7 SAC16 is used to identify the language being used in SAC15.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
  - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

**Notes:** AAFES max use is five.

## Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
>> SAC01	248	<b>Allowance or Charge Indicator</b> Code which indicates an allowance or charge for the service specified	<b>M ID 1/1</b>
		A Allowance	
		C Charge	
		N No Allowance or Charge	
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b> Code identifying the service, promotion, allowance, or charge	<b>X ID 4/4</b>
		A260 Advertising Allowance	
		A630 Blocking and Bracing Charge	
		B190 Closing & Sealing	
		B320 Competitive Allowance	
		B560 Container Allowance	
		B570 Container Deposits	
		C000 Defective Allowance	
		C310 Discount	

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		<b>C350</b>	<b>Distributor Discount/Allowance</b>	
		<b>C540</b>	<b>Early Buy Allowance</b>	
		<b>C560</b>	<b>Early Ship Allowance</b>	
		<b>C680</b>	<b>Environmental Protection Service</b>	
		<b>D240</b>	<b>Freight</b>	
		<b>D530</b>	<b>Hazardous Cargo Charge</b>	
		<b>E550</b>	<b>Market Development Funds</b>	
		<b>E800</b>	<b>No Return Credit Allowance</b>	
		<b>F170</b>	<b>Pallet Exchange Charge</b>	
		<b>F190</b>	<b>Palletizing</b>	
		<b>F340</b>	<b>Pick/Up</b>	
		<b>F800</b>	<b>Promotional Allowance</b>	
		<b>F910</b>	<b>Quantity Discount</b>	
		<b>G170</b>	<b>Redistribution Allowance</b>	
		<b>G360</b>	<b>Repack Charge</b>	
		<b>G470</b>	<b>Restocking Charge</b>	
		<b>G870</b>	<b>Shrink-Wrap Charge</b>	
		<b>H000</b>	<b>Special Allowance</b>	
		<b>H660</b>	<b>Tax - Federal Excise Tax, FET</b>	
		<b>H770</b>	<b>Tax - State Tax</b>	
		<b>H920</b>	<b>Temporary Allowance</b>	
		<b>I170</b>	<b>Trade Discount</b>	
		<b>I310</b>	<b>Truckload Discount</b>	
		<b>I410</b>	<b>Unsaleable Merchandise Allowance</b>	
		<b>I530</b>	<b>Volume Discount</b>	
<b>SAC05</b>	<b>610</b>	<b>Amount</b>		<b>O N2 1/15</b>
		Monetary amount		
<b>SAC12</b>	<b>331</b>	<b>Allowance or Charge Method of Handling Code</b>		<b>O ID 2/2</b>
		Code indicating method of handling for an allowance or charge		
		<b>01</b>	<b>Bill Back</b>	
		<b>02</b>	<b>Off Invoice</b>	
		<b>03</b>	<b>Vendor Check to Customer</b>	
		<b>04</b>	<b>Credit Customer Account</b>	
		<b>05</b>	<b>Charge to be Paid by Vendor</b>	
		<b>06</b>	<b>Charge to be Paid by Customer</b>	
<b>SAC15</b>	<b>352</b>	<b>Description</b>		<b>X AN 1/80</b>
		A free-form description to clarify the related data elements and their content		

# Army and Air Force Exchange Service

<b>Segment:</b>	<b>SDQ Destination Quantity</b>
<b>Position:</b>	190
<b>Loop:</b>	PO1 Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	500
<b>Purpose:</b>	To specify destination and quantity detail
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either SDQ05 or SDQ06 is present, then the other is required.</li> <li>2 If either SDQ07 or SDQ08 is present, then the other is required.</li> <li>3 If either SDQ09 or SDQ10 is present, then the other is required.</li> <li>4 If either SDQ11 or SDQ12 is present, then the other is required.</li> <li>5 If either SDQ13 or SDQ14 is present, then the other is required.</li> <li>6 If either SDQ15 or SDQ16 is present, then the other is required.</li> <li>7 If either SDQ17 or SDQ18 is present, then the other is required.</li> <li>8 If either SDQ19 or SDQ20 is present, then the other is required.</li> <li>9 If either SDQ21 or SDQ22 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	1 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 SDQ02 is used only if different than previously defined in the transaction set.</li> <li>2 SDQ03 is the store number.</li> <li>3 SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.</li> </ol>
<b>Notes:</b>	<b>The SDQ segment will only be utilized by AAFES on cross dock purchase orders. AAFES max use if 500.</b>

## Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	SDQ01	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
	SDQ02	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67)	O ID 1/2
		9	<b>D-U-N-S+4, D-U-N-S Number with Four Character Suffix</b>	
		92	<b>Assigned by Buyer or Buyer's Agent</b>	
>>	SDQ03	67	<b>Identification Code</b> Code identifying a party or other code	M AN 2/80
>>	SDQ04	380	<b>Quantity</b> Numeric value of quantity	M R 1/15
	SDQ05	67	<b>Identification Code</b> Code identifying a party or other code	X AN 2/80
	SDQ06	380	<b>Quantity</b> Numeric value of quantity	X R 1/15
	SDQ07	67	<b>Identification Code</b> Code identifying a party or other code	X AN 2/80
	SDQ08	380	<b>Quantity</b> Numeric value of quantity	X R 1/15
	SDQ09	67	<b>Identification Code</b> Code identifying a party or other code	X AN 2/80
	SDQ10	380	<b>Quantity</b> Numeric value of quantity	X R 1/15
	SDQ11	67	<b>Identification Code</b>	X AN 2/80

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		Code identifying a party or other code		
<b>SDQ12</b>	<b>380</b>	<b>Quantity</b>	<b>X</b>	<b>R 1/15</b>
		Numeric value of quantity		
<b>SDQ13</b>	<b>67</b>	<b>Identification Code</b>	<b>X</b>	<b>AN 2/80</b>
		Code identifying a party or other code		
<b>SDQ14</b>	<b>380</b>	<b>Quantity</b>	<b>X</b>	<b>R 1/15</b>
		Numeric value of quantity		
<b>SDQ15</b>	<b>67</b>	<b>Identification Code</b>	<b>X</b>	<b>AN 2/80</b>
		Code identifying a party or other code		
<b>SDQ16</b>	<b>380</b>	<b>Quantity</b>	<b>X</b>	<b>R 1/15</b>
		Numeric value of quantity		
<b>SDQ17</b>	<b>67</b>	<b>Identification Code</b>	<b>X</b>	<b>AN 2/80</b>
		Code identifying a party or other code		
<b>SDQ18</b>	<b>380</b>	<b>Quantity</b>	<b>X</b>	<b>R 1/15</b>
		Numeric value of quantity		
<b>SDQ19</b>	<b>67</b>	<b>Identification Code</b>	<b>X</b>	<b>AN 2/80</b>
		Code identifying a party or other code		
<b>SDQ20</b>	<b>380</b>	<b>Quantity</b>	<b>X</b>	<b>R 1/15</b>
		Numeric value of quantity		
<b>SDQ21</b>	<b>67</b>	<b>Identification Code</b>	<b>X</b>	<b>AN 2/80</b>
		Code identifying a party or other code		
<b>SDQ22</b>	<b>380</b>	<b>Quantity</b>	<b>X</b>	<b>R 1/15</b>
		Numeric value of quantity		

# Army and Air Force Exchange Service

**Segment:** CTT Transaction Totals  
**Position:** 010  
**Loop:** CTT Optional (Recommended)  
**Level:** Summary  
**Usage:** Optional (Recommended)  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set  
**Syntax Notes:** 1 If either CTT03 or CTT04 is present, then the other is required.  
 2 If either CTT05 or CTT06 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

## Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
>> CTT01	354	<b>Number of Line Items</b> Total number of line items in the transaction set	M N0 1/6
CTT03	81	<b>Weight</b> Numeric value of weight	X R 1/10
CTT04	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken LB Pound	X ID 2/2

# Army and Air Force Exchange Service

**Segment:** **SE** Transaction Set Trailer  
**Position:** 030  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 SE is the last segment of each transaction set.

## Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>>	SE01	96	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
>>	SE02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9