

# **Bell Helicopter** **TEXTRON**

A Subsidiary of Textron Inc.

**850** Purchase Order

**X12 Version 4010**

**Functional Group ID = PO**

**Use: JIT Purchase Orders**

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## **Transaction Description**

This standard provides the format and establishes the data contents of a purchase order transaction set. The purchase order transaction set provides 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.

## **Implementation Notes**

1. The following section descriptions list only those segments used by Bell Helicopter. Unused segments are not listed.
2. In the segment breakout listings, only those elements used by Bell Helicopter are listed. Unused elements are not listed.
3. Bell Helicopter uses this implementation guide when transmitting commodity and Just-In-Time purchase orders. This guide is not to be used for routine orders.
4. This implementation guide does not contain scheduling information. The master purchase order describes the manner, form, and times for deliveries.

## Header Section

Pos. No.	Seg. ID	Name	Req. Des.	Max Use	Loop Repeat
010	ST	Transaction Set Header	M	1	
020	BEG	Beginning Segment for Purchase Order	M	1	
050	REF	Reference Identification	O	>1	
<b>N1 Loop</b>					<b>200</b>
310	N1	Name	O	1	

## Detail Section

Pos. No.	Seg. ID	Name	Req. Des.	Max Use	Loop Repeat
<b>PO1 Loop</b>					<b>100,000</b>
010	PO1	Purchase Order Baseline Item Date	M	1	
100	REF	Reference Identification	O	>1	
190	SDQ	Destination Quantity	O	500	

## Summary Section

Pos. No.	Seg. ID	Name	Req. Des.	Max Use	Loop Repeat
010	CTT	Transaction Totals	O	1	
030	SE	Transaction Set Trailer	M	1	

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.

Notes:

<b>Reference Designator</b>	<b>Element Number</b>	<b>Name</b>	<b>Req.</b>	<b>Type</b>	<b>Length Min/Max</b>
BEG 01	353	Transaction Set Purpose Code Use any valid code. The most commonly used is: <b>00</b> Original	M	ID	2 / 2
BEG 02	92	Purchase Order Type <b>RL</b> Release Order	M	ID	2 / 2
BEG 03	324	Purchase Order Number	M	AN	1 / 30
BEG 05	373	Purchase Order Date	M	DT	8 / 8

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

Reference Designator	Element Number	Name	Req.	Type	Length Min/Max
REF 01	128	Reference Number Qualifier	M	ID	2 / 3
		<b>19</b> Division ID			
		<b>EZ</b> Trading Partnership Agreement Number			
		<b>KZ</b> Terms and Conditions			
		<b>VR</b> Vendor ID Number			
REF 02	127	Reference Number	M	AN	1 / 30
		When REF01 = '19,' this element will contain the name ( <b>BHTI</b> = Fort Worth, <b>BHTC</b> = Bell Canada) of the originator.			
		When REF01 = 'EZ,' this element will contain the Bell document number of the Electronic Commerce Trading Partnership Agreement.			
		When REF01 = 'KZ,' this element will contain the Bell document number of the Terms and Conditions Agreement.			
		When REF01 = 'VR,' this element will contain the Bell vendor code assigned to the supplier.			

Segment: **N1** Name  
 Position: 310  
 Loop: N1  
 Level: Heading  
 Usage: Optional  
 Max Use: 1, max loop count=200  
 Purpose: To identify a party by type of organization, name, and code.  
 Notes:

Reference Designator	Element Number	Name	Req.	Type	Length Min/Max
N1 01	98	Entity Identification Code <b>41</b> Submitter	M	ID	2 / 3
N1 03	66	Identification Qualifier <b>93</b> Assigned by Originator	C	ID	1 / 2
N1 04	67	Identification Code This element will contain BHTI's identifier (signature). The value will be <b>BHTI-EDI</b> .	C	ID	2 / 80

Segment: **PO1** Purchase Order Baseline Item Data

Position: 010

Loop: PO1

Level: Detail

Usage: Mandatory

Max Use: 1 per loop. Max Loop Count = 100,000

Purpose: To specify basic and most frequently used purchase order line item data.

Notes:

<b>Reference Designator</b>	<b>Element Number</b>	<b>Name</b>	<b>Req.</b>	<b>Type</b>	<b>Length Min/Max</b>
PO1 01	350	Line Item Value	O	AN	1 / 20
PO1 06	235	Product/Service ID Qualifier <b>VP</b> Vendor's Part Number	O	ID	2 / 2
PO1 07	234	Product/Service ID This element contains the vendor's part number.	C	AN	1 / 48
PO1 08	235	Product/Service ID Qualifier <b>BP</b> Bell Helicopter Part Number or Material Code	O	ID	2 / 2
PO1 09	234	Product/Service ID Bell Helicopter part number or material code.	C	AN	1 / 48

Segment: **REF** Reference Identification  
 Position: 100  
 Loop: PO1  
 Level: Detail  
 Usage: Optional  
 Max Use: >1  
 Purpose: To specify identifying numbers.  
 Notes:

Reference Designator	Element Number	Name	Req.	Type	Length Min/Max
REF 01	128	Reference Number Qualifier <b>1V</b> Suborder Number <b>PH</b> Priority Code <b>RE</b> Customer's Release Number <b>WO</b> Work Order Number	M	ID	2 / 3
REF 02	127	Reference Number When REF01 = 1V, this will contain the vendor's suborder number.  When REF01 = PH, this will contain the number '1' (one) to indicate a priority/expedite item. Blank or the number '0' (zero) indicates a routine order.  When REF01 = RE, this will contain BHTI's unique commodity release number.  When REF01 = WO, this will contain BHTI's work order number under which the item is being ordered.	M	AN	1 / 30

Segment: **SDQ** Destination Quantity

Position: 190

Loop: PO1

Level: Detail

Usage: Optional

Max Use: 500

Purpose: To specify destination and quantity details.

Notes:

<b>Reference Designator</b>	<b>Element Number</b>	<b>Name</b>	<b>Req.</b>	<b>Type</b>	<b>Length Min/Max</b>
SDQ 01	355	Unit of Measure Use any valid unit-of-measure code.	M	ID	2 / 2
SDQ 02	66	Identification Code Qualifier <b>ZN</b> Zone	O	ID	1 / 2
SDQ 03	67	Identification Code Code to indicate the ship-to traffic point. See note 1.	M	AN	2 / 80
SDQ 04	380	Quantity Quantity to be delivered to the drop-point indicated in SDQ03.	M	R	1 / 15

**Notes:**

1. Ship-to zone codes ("traffic points") are four digits long. The first digit of the zone code is the BHTI plant number to which the parts are to be delivered. Example: zone code 5A3Z is traffic point 5A3Z at plant 5.
2. Street addresses for BHTI plant numbers are:

<b>Plant Number</b>	<b>Street Address</b>
1	600 E. Hurst Blvd. Hurst, TX 76053-8099
2	3000 Norwood & Trinity Blvd. Hurst, TX 76053-8099
3	9901 South Trinity Blvd. Hurst, TX 76053-8099
4	Use the BELL / ASA software via Sell2Bell portal for shipping address
5	1700 N. Hwy. 360 Grand Prairie, TX 75050-1926
6	600 Interstate 20 E. Arlington, TX 76018-1127
7	745 W. Hurst Blvd. Hurst, TX 76053-7607
8	Logistics Center, Building 55 776 Henrietta Creek Rd. Roanoke, TX 76262
20	Other ship-to address as needed for drop ship or secondary processing
A	10901 Airport Blvd., Bldg 9 Amarillo, TX 79111
J	1200 B Maxine St. Ft. Worth, TX 76117
T	Tooling Warehouse 4900 Airport Frwy Ft. Worth, TX 76117
BHTC-01	12,800 rue de l'Avenir Mirabel, Quebec J7J 1R4

Segment: **CTT** Transaction Totals

Position: 010

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To transmit a hash total for a specific element in the transaction set.

Notes:

<b>Reference Designator</b>	<b>Element Number</b>	<b>Name</b>	<b>Req.</b>	<b>Type</b>	<b>Length Min/Max</b>
CTT 01	354	Number of Line Items	M	N0	1 / 6
CTT 02	347	Hash Total	O	R	1 / 10