

Bell Helicopter **TEXTRON**

A Subsidiary of Textron Inc.

855 PO Acknowledgment

X12 Version 4010

Functional Group ID = PR

Use: JIT PO Acknowledgments

Transaction Description

This standard provides the format and establishes the data contents of a purchase order acknowledgment transaction set. The purchase order acknowledgment transaction set provides for customary and established business and industry practice relative to a seller's acknowledgment of a buyer's purchase order.

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 receiving acknowledgments to commodity purchase orders and Just-In-Time releases. This guide is not to be used for acknowledgments to routine purchase orders.
4. The following definition is the minimum data required by Bell Helicopter to process a purchase order acknowledgment. Implementation developers should note that it does not contain a detail section. Some suppliers find it easier to perform a "turnaround" of the original purchase order – they return to Bell Helicopter all the segments and elements in the original purchase order. Others choose to use the following definition and only return the required information. The choice of which approach to take is left to the supplier -- Bell Helicopter uses only the data described below.

Header Section

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

Detail Section

Pos. No.	Seg. ID	Name	Req. Des.	Max Use	Loop Repeat
PO1 Loop					100,000
010	PO1	Purchase Order Baseline Item Data	M	1	
100	REF	Reference Information	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	M	1	
030	SE	Transaction Set Trailer	M	1	

Segment: **BAK** Beginning Segment for Purchase Order Acknowledgment
 Position: 020
 Loop:
 Level: Heading
 Usage: Mandatory
 Max Use: 1
 Purpose: To indicate the beginning of the purchase order acknowledgment transaction set and to transmit identifying numbers and dates.
 Notes:

Reference Designator	Element Number	Name	Req.	Type	Length Min/Max
BAK 01	353	Transaction Set Purpose Code 00 Original	M	ID	2 / 2
BAK 02	587	Acknowledgment Type AK Acknowledge – No Detail or Change	M	ID	2 / 2
BAK 03	324	Purchase Order Number	M	AN	1 / 22
BAK 04	373	Purchase Order Date	M	DT	8 / 8
BAK 09	373	PO Acknowledgment Date	O	DT	8 / 8

Segment: **REF** Reference Identification
 Position: 050
 Loop:
 Level: Heading
 Usage: X.12 Optional; BHTI Required
 Max Use: 1
 Purpose: To specify identifying information
 Notes:

Reference Designator	Element Number	Name	Req.	Type	Length Min/Max
REF 01	128	Reference Identification Qualifier 19 Division Identifier	M	ID	2 / 3
REF 02	127	Reference Identifier Use the same identifier used in the REF02 element of the purchase order.	X	AN	2 / 30

BHTI = Bell Helicopter (Ft. Worth)
BHTC = Bell Helicopter Canada

Segment: **N1** Name
 Position: 300
 Loop: N1
 Level: Heading
 Usage: Optional
 Max Use: 1
 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 VN Vendor	M	ID	2 / 3
N1 03	66	Identification Qualifier 91 Assigned by Seller	C	ID	1 / 2
N1 04	67	Identification Code This element contains the name or an electronic signature of the person or company generating the acknowledgment. Some BHTI suppliers use the company name, some use a person's name, and others use a sequence of characters understood to be a signature.	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:

Reference Designator	Element Number	Name	Req.	Type	Length Min/Max
PO1 01	350	Line Item Value	O	AN	1 / 20
PO1 06	235	Product/Service ID Qualifier VP 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 BP 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 Information
 Position: 100
 Loop: PO1
 Level: Detail
 Usage: Optional
 Max Use: >1
 Purpose: To specify identifying numbers
 Notes: Use one iteration of this segment for each value sent in the original purchase order.

Reference Designator	Element Number	Name	Req.	Type	Length Min/Max
REF 01	128	Reference Number Qualifier 1V Suborder Number PH Priority Code RE Customer's Release 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 '0' (zero) indicates a routine order. When REF01 = RE, this will contain BHTI's unique commodity release number.	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: This segment is required by BHTI.

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

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:

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