

Bell Helicopter **TEXTRON**

A Subsidiary of Textron Inc.

997 Functional Acknowledgment

X12 Version 4010

Functional Group ID = FA

Use: 997 for all transactions

Transaction Description

This standard provides the format and establishes the data contents of a functional acknowledgment transaction set. The purpose of this standard is to define the control structures for a set of acknowledgments to indicate the results of the syntactical analysis of the electronically encoded documents.

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.

Header Section

Pos. No.	Seg. ID	Name	Req. Des.	Max Use	Loop Repeat
010	ST	Transaction Set Header	M	1	
020	AK1	Functional Group Response Header	M	1	
AK2 Loop					999,999
030	AK2	Transaction Set Response Header	O	1	
060	AK5	Transaction Set Response Trailer	M	1	
070	AK9	Functional Group Response Trailer	M	1	
080	SE	Transaction Set Trailer	M	1	

Segment: **AK1** Functional Group Response Header
 Position: 020
 Loop:
 Level: Heading
 Usage: Mandatory
 Max Use: 1
 Purpose: To start acknowledgment of a functional group.
 Notes:

Reference Designator	Element Number	Name	Req.	Type	Length Min/Max
AK1 01	479	Functional ID Code	M	ID	2 / 2
AK1 02	28	Group Control Number	M	N0	1 / 9

Segment: **AK2** Transaction Set Response Header

Position: 030

Loop: AK2

Level: Heading

Usage: Optional

Max Use: 1 (Max AK2 loop = 999,999)

Purpose: To start acknowledgment of a single transaction set.

Notes: Bell Helicopter requires all incoming functional acknowledgments to report at least to the set level. The AK2 loop is required by Bell Helicopter.

Reference Designator	Element Number	Name	Req.	Type	Length Min/Max
AK2 01	143	Transaction Set ID Code	M	ID	3 / 3
AK2 02	329	Transaction Set Control Number	M	AN	4 / 9

Segment: **AK5** Transaction Set Response Trailer

Position: 060

Loop: AK2

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To acknowledge acceptance or rejection and to report errors in a transaction set.

Notes:

Reference Designator	Element Number	Name	Req.	Type	Length Min/Max
AK5 01	717	Transaction Set Acknowledgment Code	M	ID	1 / 1

Segment: **AK9** Functional Group Response Trailer

Position: 070

Loop: AK1

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To acknowledge acceptance or rejection of a functional group and report the number of included transaction sets from the original trailer, the accepted sets, and the received sets in this functional group.

Notes:

Reference Designator	Element Number	Name	Req.	Type	Length Min/Max
AK9 01	715	Functional Group Acknowledgement Code	M	ID	1 / 1
AK9 02	97	Number of Included Sets	M	N0	1 / 6
AK9 03	123	Number of Received Sets	M	N0	1 / 6
AK9 04	2	Number of Accepted Sets	M	N0	1 / 6