

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or
Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person - GAGNIER HUGH K		2. Issuer Name and Ticker or Trading Symbol ZEBRA TECHNOLOGIES CORP [ZBRA]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) SVP, AIT	
(Last) (First) (Middle) C/O ZEBRA TECHNOLOGIES CORPORATION, 3 OVERLOOK POINT		3. Date of Earliest Transaction (MM/DD/YYYY) 5/16/2017			
(Street) LINCOLNSHIRE, IL 60069		4. If Amendment, Date Original Filed (MM/DD/YYYY)		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person	
(City) (State) (Zip)					

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Class A Common Stock								48460	D	
Class A Common Stock	5/16/2017		S		9388	D	\$100.42	39072	D	

Table II - Derivative Securities Beneficially Owned (e.g. , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	6. Date Exercisable and Expiration Date		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		(A)	(D)	Date Exercisable	Expiration Date				
Stock Appreciation Right	\$41.57						(1)	5/5/2021	Class A Common Stock	4687		4687	D	
Stock Appreciation Right	\$38.79						(2)	4/30/2022	Class A Common Stock	15572		15572	D	
Stock Appreciation Right	\$46.07						(3)	5/3/2023	Class A Common Stock	9775		9775	D	
Stock Appreciation Right	\$74.72						(4)	5/8/2024	Class A Common Stock	5458		5458	D	
Stock Appreciation Right	\$108.20						(5)	5/15/2025	Class A Common Stock	4619		4619	D	
Stock Appreciation Right	\$51.42						(6)	5/12/2026	Class A Common Stock	8854		8854	D	
Stock Appreciation Right	\$98.87						(7)	5/11/2027	Class A Common Stock	5932		5932	D	

Explanation of Responses:

- Of the stock appreciation rights subject to this SAR, 1,558 vested on May 5, 2014 and 3,129 vested on May 5, 2015.
- Of the stock appreciation rights subject to this SAR, 3,893 vested on each of April 20, 2013, April 20, 2014, April 20, 2015 and April 20, 2016.
- Of the stock appreciation rights subject to this SAR, 2,443 vested on May 3, 2014, 2,444 vested on May 3, 2015, 2,444 vested on May 3, 2016 and 2,444 vested on May 3, 2017.
- Of the stock appreciation rights subject to this SAR, 1,364 vested on May 8, 2015, 1,364 vested on May 8, 2016, 1,365 vested on May 8, 2017 and 1,365 vest on May 8, 2018.

- (5) Of the stock appreciation rights subject to this SAR, 1,154 vested on May 15, 2016, 1,155 vested on May 15, 2017, 1,155 vest on May 15, 2018 and 1,155 vest on May 15, 2019.
- (6) Of the stock appreciation rights subject to this SAR, 2,213 vested on May 12, 2017, 2,213 vest on May 12, 2018, 2,214 vest on May 12, 2019 and 2,214 vest on May 12, 2020.
- (7) Of the stock appreciation rights subject to this SAR, 1,483 vest on May 11, 2018, 1,483 vest on May 11, 2019, 1,483 vest on May 11, 2020 and 1,483 vest on May 11, 2021.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
GAGNIER HUGH K C/O ZEBRA TECHNOLOGIES CORPORATION 3 OVERLOOK POINT LINCOLNSHIRE, IL 60069			SVP, AIT	

Signatures

/s/ Jim L Kaput, Attorney-in-fact

5/17/2017

**Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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