UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

	FOR	KM 10-K	
(Mark One) ANNUAL REPORT PURSU OF 1934 FOR THE FISCAL			CURITIES EXCHANGE ACT
	RSUANT TO SEC	ΓΙΟΝ 13 OR 15(d) OF THE	SECURITIES EXCHANGE
ACT OF 1934	Commission fi	le number 001-16445	
(I	Rockwell Exact name of registra	Collins, Inc. ant as specified in its charter)	
Delaware (State or other jurisc incorporation or organization)		(I.R.S	2314475 . Employer ication No.)
400 Collins Road Cedar Rapids, I (Address of principal exec	owa		52498 p Code)
Registran	t's telephone number	, including area code: (319) 295	5-1000
SECURITIES 1	REGISTERED PURS	UANT TO SECTION 12(b) OF	THE ACT:
Title of each cl	ass	Name of each excha	nnge on which registered
Common Stock, par value (including the associated Preferred			Stock Exchange
SECURITIES RE	GISTERED PURSUA	NT TO SECTION 12(g) OF TH	HE ACT: None
Indicate by check mark if the registr Yes \boxtimes No \square	ant is a well-known so	easoned issuer, as defined in Ru	ule 405 of the Securities Act.
Indicate by check mark if the registr Yes \square No \boxtimes	ant is not required to	file reports pursuant to Section	n 13 or Section 15(d) of the Act
Indicate by check mark whether the Securities Exchange Act of 1934 dur required to file such reports), and (2	ing the preceding 12	months (or for such shorter per	riod that the registrant was
Indicate by check mark whether the every Interactive Data File required preceding 12 months (or for such sh Yes \boxtimes No \square	to be submitted and	posted pursuant to Rule 405 of	Regulations S-T during the
Indicate by check mark if disclosure and will not be contained, to the bes incorporated by reference in Part III	st of the registrant's k	nowledge, in definitive proxy or	information statements
Indicate by check mark whether the smaller reporting company. See the company" in Rule 12b-2 of the Exch	definitions of "large a	accelerated filer," "accelerated f	filer, a non-accelerated filer or a liler" and "smaller reporting
Large accelerated filer ⊠ Acc	celerated filer	Non-accelerated filer	Smaller reporting company [

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes □ No ⊠

The aggregate market value of the registrant's voting stock held by non-affiliates of the registrant on April 2, 2010 was approximately \$9.9 billion. For purposes of this calculation, the registrant has assumed that its directors and executive officers are affiliates.

156,847,581 shares of the registrant's Common Stock were outstanding on October 31, 2010.

reporting company)

DOCUMENTS INCORPORATED BY REFERENCE

Certain information contained in the Proxy Statement for the Annual Meeting of Shareowners of the registrant to be held on February 4, 2011 is incorporated by reference into Part III.

Rockwell Collins, Inc.

Annual Report on Form 10-K

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PART I

Item 1. Business.

General

Rockwell Collins, Inc. is a leader in the design, production and support of communications and aviation electronics for commercial and military customers worldwide. While our products and systems are primarily focused on aviation applications, our Government Systems business also offers products and systems for ground and shipboard applications. The integrated system solutions and products we provide to our served markets are oriented around a set of core competencies: communications, navigation, automated flight control, displays/surveillance, simulation and training, integrated electronics and information management systems. We also provide a wide range of services and support to our customers through a worldwide network of service centers, including equipment repair and overhaul, service parts, field service engineering, training, technical information services and aftermarket used equipment sales. The structure of our business allows us to leverage these core competencies across markets and applications so that we are able to bring high value solutions to customers while providing superior returns to shareowners. We operate in multiple countries and are headquartered in Cedar Rapids, Iowa.

Our Company's heritage is rooted in the Collins Radio Company, established in 1933. Rockwell Collins, Inc., the parent company, is incorporated in Delaware. As used herein, the terms "we", "us", "our", "Rockwell Collins" or the "Company" include subsidiaries and predecessors unless the context indicates otherwise.

Whenever reference is made in any Item of this Annual Report on Form 10-K to information under specific captions of our 2010 Annual Report to Shareowners (the "2010 Annual Report") or to information in our Proxy Statement for the Annual Meeting of Shareowners to be held on February 4, 2011 (the "2011 Proxy Statement"), such information shall be deemed to be incorporated herein by such reference.

All date references contained herein relate to our fiscal year ending on the Friday closest to September 30 unless otherwise stated. For ease of presentation, September 30 is utilized consistently throughout this report to represent the fiscal year end date. Each of 2010 and 2009 was a 52-week fiscal year, while 2008 was a 53-week fiscal year.

Financial Information About Our Business Segments

Financial information with respect to our business segments, including product line disclosures, revenues, operating earnings and total assets, is contained under the caption *Segment Financial Results* in *Management's Discussion and Analysis of Financial Condition and Results of Operations* in Item 7 below, and in Note 23 of the *Notes to Consolidated Financial Statements* in Item 8 below.

Access to the Company's Reports and Governance Information

We maintain an internet website at www.rockwellcollins.com. Our annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K and amendments to such reports filed or furnished pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended, are available free of charge on this site as soon as reasonably practicable after the reports are filed with or furnished to the Securities and Exchange Commission (SEC). All reports we file with the SEC are also available free of charge via EDGAR through the SEC's website at www.sec.gov. We also post corporate governance information (including our corporate governance guidelines and Board committee charters) and other information related to our Company on our internet website where it is available free of charge. We will provide, without charge, upon written request, copies of our SEC reports and corporate governance information. Our internet website and the information contained therein or connected thereto are not incorporated into this Annual Report on Form 10-K.

Description of Business by Segment

We serve a worldwide customer base through our Government Systems and Commercial Systems business segments. These two segments are described in detail below.

Government Systems

Our Government Systems business provides communication and electronic systems, products and services for airborne and surface applications to the U.S. Department of Defense, local and state governments, other government agencies, civil agencies, defense contractors and foreign ministries of defense. These systems, products and services support airborne (fixed and rotary wing), ground and shipboard applications and are used in line-fit applications on new equipment as well as in retrofit and upgrade applications designed to extend the effective life and enhance the capability of existing aircraft, vehicle and weapon platforms.

Our defense communication and electronic systems, products and services include:

- communications systems and products designed to enable the transmission of information across the communications spectrum, ranging from Very Low and Low Frequency to High, Very High and Ultra High Frequency up through satellite communications
- military data link systems and products
- navigation systems and products, including radio navigation systems, global positioning systems (GPS), handheld navigation systems and multi-mode receivers
- subsystems for the flight deck that combine flight operations with navigation and guidance functions and that can include flight controls and displays, information/data processing and communications, navigation and/or safety and surveillance systems
- cockpit display systems, including flat panel, multipurpose, wide fields of view, head-up, head-down and helmet-mounted displays for tactical fighter and attack aircraft
- integrated computer systems for Brigade Combat Team Modernization (formerly Future Combat Systems)
- simulation and training systems, including visual system products, training systems and engineering services
- maintenance, repair, parts and after-sales support services

Government Systems product category sales are divided into airborne and surface solutions. Product category sales for defense-related products are delineated based upon the difference in the underlying customer base and markets served.

Airborne solutions are oriented around solutions for tanker/transport, rotary wing, fighter/bomber, unmanned aerial vehicles (UAV) and precision weaponry platforms. For tanker/transport and rotary wing platforms, we provide complete cockpit avionics systems as well as avionics subsystems and mission system applications. We serve various roles within these markets including system and sub-systems integrator as well as provider of various electronic products. Our offerings for fighters and bombers are primarily focused around avionics sub-systems and products which are integrated into the flight deck and mission systems of the aircraft. Examples of these include voice and data communications products and head-up, head-down and helmet-mounted display systems. For the UAV market we provide low-cost, high performance integrated flight control, navigation, communication and sensor capabilities. In the precision weaponry market we provide GPS guidance and data links for precision targeting systems.

Surface solutions sales are oriented around soldier, ground vehicle and maritime solutions. Soldier solutions consist of handheld and vehicle-mounted navigation devices as well as integrated systems that

combine navigation, computation, communication and display capabilities to provide a full situational awareness solution. Ground vehicle solutions include mission computing technology, as well as communications and navigation products, to facilitate network-centric operations and provide improved situational awareness for ground users and platforms. Maritime solutions apply our communication, GPS and data link capabilities to provide net-enabled situational awareness across a variety of surface and sub-surface platforms.

Commercial Systems

Our Commercial Systems business supplies aviation electronics systems, products and services to customers located throughout the world. The customer base is comprised of original equipment manufacturers (OEMs) of commercial air transport as well as business and regional aircraft, commercial airlines and fractional interest and other business aircraft operators. Our systems and products are used in both OEM applications as well as in retrofit and upgrade applications designed to increase the efficiency and enhance the value of existing aircraft.

Our commercial aviation electronics systems, products and services include:

- integrated avionics systems, such as the Pro Line Fusion system, which provide advanced avionics capabilities to meet the challenges of operating in the next generation global airspace. Capabilities include synthetic and enhanced vision enabled flight displays, advanced flight and performance management systems, fly-by-wire integrated flight controls and information management solutions to improve operational efficiency
- integrated cabin electronics systems, including cabin management systems, passenger connectivity and entertainment solutions, business support systems to improve passenger productivity and passenger flight information systems
- communications systems and products, such as data link, High Frequency, Very High Frequency and satellite communications systems
- navigation systems and products, including landing sensors to enable fully automatic landings, radio navigation and geophysical sensors, as well as flight management systems
- situational awareness and surveillance systems and products, such as synthetic and enhanced vision systems, surface surveillance and guidance solutions, head-up guidance systems, weather radar and collision avoidance systems
- integrated information management solutions to improve the overall efficiency of flight, maintenance and cabin operations. These include on-board information management systems and connectivity solutions, airborne and ground applications and services, and ground infrastructure and services
- electro-mechanical systems, including integrated pilot control solutions and primary and secondary actuation systems
- simulation and training systems, including full-flight simulators for crew training, visual system products, training systems and engineering services
- maintenance, repair, parts and after-sales support services

Commercial Systems product category sales are divided into air transport aviation electronics and business and regional aviation electronics. Product category sales for commercial aviation-related products are delineated based upon the difference in the underlying customer base, size of aircraft and markets served.

Air transport aviation electronics include avionics, cabin systems and flight control systems for large commercial transport aircraft platforms. We design these items as sub-systems and work with OEMs to integrate our and other suppliers' products into the flight deck and broader aircraft systems. Our

products offered for OEM applications in the air transport category are marketed directly to aircraft OEMs and airline operators, while our products offered for aftermarket applications are primarily marketed to the airline operators.

Business and regional aviation electronics include integrated avionics, cabin management and flight control systems for application on regional and business aircraft platforms. We develop integrated avionics, cabin and flight control solutions for business and regional aircraft OEMs and support them with the integration into other aircraft systems. Products offered for OEM applications in the business and regional aircraft category are marketed directly to the aircraft OEMs. Products offered for aftermarket applications are primarily marketed through distributors for business aviation and directly to regional airlines operators. Our integrated information management solutions for business aircraft are offered directly to flight departments.

Customers, Sales and Marketing

We serve a broad range of customers worldwide, including the U.S. Department of Defense, U.S. Coast Guard, civil agencies, defense contractors, foreign ministries of defense, manufacturers of commercial air transport, business and regional aircraft, commercial airlines and fractional and other business jet operators. We market our systems, products and services directly to Government Systems and Commercial Systems customers through an internal marketing and sales force. In addition, we utilize a worldwide dealer network to distribute our products and international sales representatives to assist with international sales and marketing. In 2010, various branches of the U.S. Government accounted for 45 percent of our total sales.

Our largest customers have substantial bargaining power with respect to price and other commercial terms. Although we believe that we generally enjoy good relations with our customers, the loss of all or a substantial portion of our sales to any of our large volume customers for any reason, including the loss of contracts, bankruptcy, reduced or delayed customer requirements or strikes or other work stoppages affecting production by these customers, could have a material adverse effect on our business, financial condition, results of operations and cash flows.

Competition

We operate in a highly competitive environment. Principal competitive factors include total cost of ownership, product and system performance, quality, service, warranty and indemnification terms, technology, design engineering capabilities, new product innovation and timely delivery. We compete worldwide with a number of U.S. and non-U.S. companies, including approximately ten principal competitors in each of our Government Systems and Commercial Systems businesses. Many of these competitors are also our suppliers or customers on some of our programs. Some of our principal competitors include Honeywell International, Inc., Thales S.A., Panasonic, Raytheon Co., Harris Corp., BAE Systems Aerospace, Inc., General Dynamics Corporation, L3 Communications, Inc., The Boeing Company, Northrop Grumman Corp., CAE Inc., General Electric Co. and Garmin International Inc. Several of our competitors are significantly larger than us in terms of resources and market share, and can offer a broader range of products. Some of our competitors have more extensive or more specialized engineering, manufacturing and marketing capabilities than we do in some areas. In addition, some of our competitors offer avionics and communications solutions with fewer features and lower prices that may compete with our solutions. As a result, these competitors may be able to adapt more quickly to new or emerging technologies and changes in customer requirements or may be able to devote greater resources to the development, promotion and sale of their products. Furthermore, competitors who have greater financial resources may be better able to provide a broader range of financing alternatives to their customers in connection with sales of their products. We believe, however, that our systems, products and services are well positioned to compete in our served markets.

Industry consolidation has had a major impact on the competitive environment in which we operate. Over the past several years, our competitors have undertaken a number of mergers, alliances and

realignments that have contributed to a very dynamic competitive landscape. During the past three years, we have completed four acquisitions and entered into several strategic alliances to improve our competitive position and expand our market reach.

Raw Materials, Supplies and Working Capital

We believe we have adequate sources for the supply of raw materials and components for our manufacturing and service needs with suppliers located around the world. Electronic components and other raw materials used in the manufacture of our products are generally available from several suppliers. We continue to work with our supply base for raw materials and components to ensure an adequate source of supply, utilizing strategic alliances, dual sourcing, identification of substitute or alternate parts that meet performance requirements and life-time buys. These life-time buys involve purchases of multiple years of supply in order to meet production and service requirements over the life span of a product. Although historically we have not experienced any significant difficulties in obtaining an adequate supply of raw materials and components necessary for our manufacturing operations or service needs, the loss of a significant supplier or the inability of a supplier to meet performance and quality specifications or delivery schedules could have a material adverse effect on our business, financial condition, results of operations and cash flows.

Our investment in inventory is a significant part of our working capital, and historically we have maintained sufficient inventory to meet our customers' requirements on a timely basis. This investment includes production stock, work-in-process inventory, finished goods, spare parts and goods on consignment with airlines. Our accounts receivable also constitute a significant part of our working capital. Accounts receivable also includes unbilled receivables primarily related to sales recorded under the percentage-of-completion method of accounting that have not been billed to customers in accordance with applicable contract terms. The critical accounting policies involving inventory valuation reserves and long-term contracts are discussed under the caption Management's Discussion and Analysis of Financial Condition and Results of Operations in Item 7 below.

Backlog

The following table summarizes our backlog:

	Septem	iber 30
(in billions)	2010	2009
Government Systems:		
Funded orders	\$3.1	\$3.0
Unfunded orders	0.3	0.3
Commercial Systems	1.1	1.2
Total backlog	\$4.5	\$4.5

Our backlog represents the aggregate of the sales price of orders received from customers, but not recognized as revenue, and excludes unexercised options. Although we believe that the orders included in backlog are firm, most of our backlog involves orders that can be modified or terminated by the customer. Our backlog at September 30, 2010 includes approximately \$2.1 billion of orders that are expected to be filled by us after fiscal year 2011.

Joint Ventures

Joint ventures, strategic investments and other cooperative arrangements are part of our business strategies to broaden the market for our products and develop new technologies. We currently have interests in several non-majority owned joint ventures.

We have a 50 percent ownership interest in each of the following:

- Data Link Solutions LLC (DLS), a joint venture with BAE Systems, plc, for joint pursuit of the worldwide military data link market
- Vision Systems International, LLC (VSI), a joint venture with Elbit Systems, Ltd., for joint pursuit of helmet-mounted cueing systems for the worldwide military fixed wing marketplace
- Integrated Guidance Systems LLC (IGS), a joint venture with Honeywell International, Inc., for joint pursuit of the development of weapons guidance and navigation solutions
- Quest Flight Training Limited, a joint venture with Quadrant Group plc, which provides aircrew training services primarily for the United Kingdom Ministry of Defence

Acquisitions and Dispositions

We continually consider various business opportunities, including strategic acquisitions and alliances, licenses and marketing arrangements, and we review the prospects of our existing businesses to determine whether any of them should be modified, sold or otherwise discontinued.

We completed four acquisitions in the past three years to augment our internal growth plans. These acquisitions were:

- corporate flight handling and trip support services: December 2009 acquisition of AR Group, Inc.
- satellite-based network communication solutions: May 2009 acquisition of DataPath, Inc.
- visual display solutions for commercial and military simulators: November 2008 acquisition of SEOS Group Ltd.
- flight control and navigation solutions primarily to the UAV market segment: April 2008 acquisition of Athena Technologies, Inc.

Additional information relating to our acquisitions is contained in Notes 3 and 7 of the *Notes to Consolidated Financial Statements* in Item 8 below.

Research and Development

We have significant research, development, engineering and product design capabilities. At September 30, 2010, we employed approximately 6,300 engineers.

Amounts attributed to our research and development (R&D) activities are as follows:

(in millions)	2010	2009	2008
Customer-funded(1)	\$516	\$493	\$501
Company-funded	345	355	395
Total research and development	\$861	\$848	\$896

⁽¹⁾ Customer-funded R&D includes activities relating to the development of new products and the improvement of existing products for which we are reimbursed by our customers.

Intellectual Property

We own numerous U.S. and foreign patents and have numerous pending patent applications, including patents and patent applications purchased in our acquisitions. We also license certain patents relating to our manufacturing and other activities. While in the aggregate we consider our patents and licenses important to the operation of our business, we do not consider any individual patent or license to be of such importance that the loss or termination of any one patent or license would materially affect us.

Rockwell Automation, Inc. (Rockwell) continues to own the "Rockwell" name. In connection with our spin-off from Rockwell in 2001, we were granted the exclusive right to continue to use the Rockwell Collins name for use in our business other than in connection with the Rockwell Automation business or industrial automation products. This exclusive right would terminate following certain change of control events applicable to us as described in our distribution agreement with Rockwell.

Employees

As of September 30, 2010, we had approximately 20,000 employees. Approximately 2,000 of our employees in the U.S. are covered by collective bargaining agreements. The collective bargaining agreements for the bargaining unit employees are set to expire beginning in May 2013. In certain of our non-U.S. subsidiaries, many of our employees are represented by workers' councils or statutory labor unions.

Cyclicality and Seasonality

The avionics and communications markets in which we sell our products are, to varying degrees, cyclical and have experienced periodic downturns. For example, markets for our commercial aviation electronic products have experienced downturns during periods of slowdowns in the commercial airline industry and during periods of weak conditions in the economy in general, as demand for new aircraft generally declines during these periods. We believe that we are emerging from a commercial aviation downturn. Although we believe that our Government Systems business reduces our exposure to these business downturns, we may experience downturns in the future. Our Government Systems business is also subject to some cyclicality primarily as a result of U.S. Government defense budget cycles. While we believe our Government Systems business is well positioned, the U.S. Government defense budget is expected to face some challenges in the coming years.

Our business tends to be seasonal with our fourth quarter usually producing relatively higher sales and cash flow and our first quarter usually producing relatively lower sales and cash flow. A large part of this seasonality variance is attributable to our Government Systems business and relates to the U.S. Government procurement cycle.

Regulatory Matters

As a defense contractor, our contract costs are audited and reviewed on a continual basis by the Defense Contract Audit Agency. Audits and investigations are conducted from time to time to determine if our performance and administering of our U.S. Government contracts are compliant with applicable contractual requirements and procurement regulations and other applicable federal statutes and regulations. Under present U.S. Government procurement regulations, if indicted or adjudged in violation of procurement or other federal civil laws, a contractor, such as us, could be subject to fines, penalties, repayments or other damages. U.S. Government regulations also provide that certain findings against a contractor may lead to suspension or debarment from eligibility for awards of new U.S. Government contracts for up to three years.

The sale, installation and operation of our products in commercial aviation applications is subject to continued compliance with applicable regulatory requirements and future changes to those

requirements. In the U.S., our commercial aviation products are required to comply with Federal Aviation Administration regulations governing production and quality systems, airworthiness and installation approvals, repair procedures and continuing operational safety. Some of our products, such as radio frequency transmitters and receivers, must also comply with Federal Communications Commission regulations governing authorization and operational approval of telecommunications equipment.

Internationally, similar requirements exist for airworthiness, installation and operational approvals. These requirements are administered by the national aviation authorities of each country and, in the case of Europe, coordinated by the European Joint Aviation Authorities. Many countries also impose specific telecommunications equipment requirements, administered through their national aviation authorities or telecommunications authorities. In Europe, approval to import products also requires compliance with European Commission directives, such as those associated with electrical safety, electro-magnetic compatibility, use of metric units of measurement and restrictions on the use of lead.

Products already in service may also become subject to mandatory changes for continued regulatory compliance as a result of any identified safety issue, which can arise from an aircraft accident, incident or service difficulty report.

Our products and technical data are controlled for export and import under various regulatory agencies. Audits and investigations by these agencies are a regular occurrence to ensure compliance with applicable federal statutes and regulations. Violations, including as a successor to an acquired business, can result in fines and penalties assessed against the Company as well as individuals, and the most egregious acts may result in a complete loss of export privileges.

Although we do not have any significant regulatory action pending against us, any such action could have a material adverse impact on our business, financial condition, results of operations and cash flows.

Environmental Matters

Federal, state and local requirements relating to the discharge of substances into the environment, the disposal of hazardous wastes and other activities affecting the environment have had and will continue to have an impact on our manufacturing operations. To date, compliance with environmental requirements and resolution of environmental claims have been accomplished without material effect on our liquidity and capital resources, competitive position or financial condition. We believe that our expenditures for environmental capital investment and remediation necessary to comply with present regulations governing environmental protection and other expenditures for the resolution of environmental claims will not have a material adverse effect on our business or financial condition, but could possibly be material to the results of operations or cash flows of any one period. Additional information on environmental matters is contained in Note 21 of the *Notes to Consolidated Financial Statements* in Item 8 below.

Geographic Information

Our principal markets outside the U.S are in France, Canada, the United Kingdom, Germany, China, Japan, Singapore, Israel, Australia and Brazil. In addition to normal business risks, operations outside the U.S. are subject to other risks, including political, economic and social environments, governmental laws and regulations and currency revaluations and fluctuations.

Selected financial information by major geographic area for each of the three years in the period ended September 30, 2010 is contained in Note 23 of the *Notes to Consolidated Financial Statements* in Item 8 below.

Item 1A. Risk Factors.

A global recession may adversely affect us.

We believe that we are emerging from a global recession that caused failures of financial institutions and led to unprecedented government intervention in the U.S., Europe and other regions of the world. If another recession emerges that impacts where we do business, risks may include:

- declines in revenues, profitability and cash flows from reduced orders, payment delays or other factors caused by the economic problems of customers
- reprioritization of government spending away from defense programs in which we participate
- adverse impacts on our access to short-term commercial paper borrowings or other credit sources
- supply problems associated with any financial constraints faced by our suppliers

International conflicts and terrorism may adversely affect our business.

International conflicts such as the war in Afghanistan, political turmoil in the Middle and Far East and the possibility of future terrorist attacks cause significant uncertainty with respect to U.S. and other business and financial markets and may adversely affect our business. These international conflicts also affect the price of oil, which has a significant impact on the financial health of our commercial customers. Although our Government Systems business may experience greater demand for its products as a result of increased government defense spending, factors arising (directly or indirectly) from international conflicts or terrorism which may adversely affect our business include reduced aircraft build rates, upgrades, maintenance and spending on discretionary products such as in-flight entertainment, as well as increases in the cost of property and aviation products insurance and increased restrictions placed on our insurance policies. The war in Afghanistan creates the risk that our Government Systems customers may need to redirect funding from our existing business to pay for war-related activities. Furthermore, we currently hold only nominal insurance related to the effects of terrorist acts on our assets and our aircraft products.

We depend to a significant degree on U.S. Government contracts, which are subject to unique risks.

In 2010, 45 percent of our sales were derived from U.S. Government contracts. In addition to normal business risks, our supply of systems and products to the U.S. Government is subject to unique risks which are largely beyond our control. These risks include:

- dependence on Congressional appropriations and administrative allotment of funds
- the ability of the U.S. Government to terminate, without prior notice, partially completed government programs and contracts that were previously authorized
- changes in governmental procurement legislation and regulations and other policies which may reflect military and political developments
- significant changes in contract scheduling or program structure, which generally result in delays or reductions in deliveries
- intense competition for available U.S. Government business necessitating increases in time and investment for design and development
- difficulty of forecasting costs and schedules when bidding on developmental and highly sophisticated technical work

- changes over the life of U.S. Government contracts, particularly development contracts, which generally result in adjustments of contract prices
- claims based on U.S. Government work, which may result in fines, the cancellation or suspension of payments or suspension or debarment proceedings affecting potential further business with the U.S. Government

Our business is heavily concentrated in the aviation industry.

As a provider of products and services to the aviation industry, we are significantly affected by the overall economic condition of that industry. The aviation industry is historically cyclical.

Our business, financial condition, results of operations and cash flows may be adversely impacted, among other things, by the following:

- · reductions in demand for aircraft and delayed aircraft delivery schedules
- challenges in the financial condition of some of our existing and potential customers
- reductions in the need for, or the deferral of, aircraft maintenance and repair services and spare parts support
- retirement or storage of older generation aircraft, resulting in fewer retrofits and less demand for services for those aircraft
- · limited availability of financing for airlines or aircraft
- · high fuel costs
- health pandemics or other disruptions to commercial air travel demand

New airspace management technologies may impact future sales.

The aerospace industry is experiencing a global transition from traditional communications, navigation, surveillance and air traffic control systems to air traffic management systems utilizing satellite-based technologies that will allow pilots to fly at desired paths and speeds selected in real time, while still complying with instrument flight regulations. The transition to these technologies will require the use of digital communications systems, global positioning system navigation, satellite surveillance techniques and ground surveillance systems. These technologies are expected to result in more direct and efficient flight routes, fewer flight delays and reduced airport congestion. Although we believe that we are well positioned to participate in this market evolution, our ability to capitalize on the transition to these airspace management technologies is subject to various risks, including:

- delays in the development of the necessary satellite and ground infrastructure by U.S. and other governments
- · delays in adopting national and international regulatory standards
- · competitors developing better products
- failure of our product development investments in communications, navigation and surveillance products that enable airspace management technologies to coincide with market evolution to, and demand for, these products
- the ability and desire of customers to invest in products enabling airspace management technologies

We derive a significant portion of our revenues from international sales and are subject to the risks of doing business outside the U.S.

In 2010, revenues from products and services exported from the U.S. or manufactured and serviced abroad were 29 percent of our total sales. We expect that international sales will continue to account for a significant portion of our total sales. As a result, we are subject to risks of doing business internationally, including:

- laws, regulations and policies of non-U.S. governments relating to investments and operations, as well as U.S. laws affecting the activities of U.S. companies abroad
- changes in regulatory requirements, including imposition of tariffs or embargoes, export controls and other trade restrictions and antitrust and data privacy requirements
- · uncertainties and restrictions concerning the availability of funding, credit or guarantees
- requirements of certain customers to have us agree to specified levels of in-country purchases or investments, known as offsets, and penalties if we fail to meet these offset requirements
- · import and export licensing requirements and regulations
- uncertainties as to local laws and enforcement of contract and intellectual property rights
- rapid changes in government, economic and political policies, political or civil unrest or the threat of international boycotts or U.S. anti-boycott legislation

We have made, and expect to continue to make, strategic acquisitions that involve significant risks and uncertainties.

We completed four acquisitions in the last three years and we intend to enter into acquisitions in the future in an effort to enhance shareowner value. Acquisitions involve a certain amount of risks and uncertainties such as:

- the difficulty in integrating newly-acquired businesses and operations in an efficient and cost-effective manner and the risk that we encounter significant unanticipated costs or other problems associated with integration
- the challenges in achieving strategic objectives, cost savings and other benefits expected from acquisitions
- the risk that our markets do not evolve as anticipated and that the technologies acquired do not prove to be those needed to be successful in those markets
- the risk that we assume significant liabilities that exceed the limitations of any applicable indemnification provisions or the financial resources of any indemnifying parties
- the potential loss of key employees of the acquired businesses
- the risk of diverting the attention of senior management from our existing operations

We enter into fixed-price contracts that could subject us to losses in the event that we have cost overruns.

During 2010, approximately 89 percent of our total sales were from, and a significant portion of our anticipated future sales will be from, firm, fixed-price contracts. This allows us to benefit from cost savings, but it carries the burden of potential cost overruns since we assume all of the cost risk. If our initial cost estimates are incorrect, we can incur losses on these contracts. These fixed-price contracts can expose us to potentially large losses because the customer may compel us to complete a project or, in the event of a termination for default, pay the entire incremental cost of its replacement by another

provider regardless of the size of any cost overruns that occur over the life of the contract. Because many of these projects involve new technologies and applications and can last for years, unforeseen events, such as technological difficulties, fluctuations in the price of raw materials, problems with subcontractors and cost overruns, can result in the contractual price becoming less favorable or even unprofitable to us over time. Furthermore, if we do not meet project deadlines or specifications, we may need to renegotiate contracts on less favorable terms, be forced to pay penalties or liquidated damages or suffer major losses if the customer exercises its right to terminate. In addition, some of our contracts have provisions relating to cost controls and audit rights, and if we fail to meet the terms specified in those contracts we may not realize their full benefits. Our results of operations are dependent on our ability to maximize our earnings from our contracts. Lower earnings caused by cost overruns could have an adverse impact on our financial condition, operating results and cash flows.

Costs of certain employee and retiree benefits may continue to rise.

Although we have taken action seeking to contain volatility in the costs related to medical and pension benefits, there are risks that our costs for these benefits will increase as a result of:

- continued increases in medical costs related to current employees due to increased usage of medical benefits, medical inflation and the impact of recent U.S. Government health care legislation
- material changes in legislation impacting medical or pension matters
- the effect declines in the stock and bond markets have on the performance of our pension plan assets
- potential reductions in the discount rate used to determine the present value of our retirement benefit obligations

Tax changes could affect our effective tax rate and future profitability.

Our future results could be adversely affected by changes in the effective tax rate as a result of changes in our overall profitability and changes in the mix of earnings in countries with differing statutory tax rates, changes in tax legislation, the results of audits and examination of previously filed tax returns and continuing assessment of our tax exposures.

We depend on specialized test equipment.

Some of our specialized test equipment that supports the reliability of our products and systems is the result of significant investment. Back up test equipment may not be readily available. Damage to our specialized test equipment may result in protracted production recovery.

Cautionary Statement

This Annual Report on Form 10-K, and documents that are incorporated by reference in this Annual Report on Form 10-K, contain statements, including certain projections and business trends, that are forward-looking statements as defined in the Private Securities Litigation Reform Act of 1995. Actual results may differ materially from those projected as a result of certain risks and uncertainties, including but not limited to the financial condition of our customers (including major U.S. airlines); the health of the global economy, including potential deterioration in the currently volatile economic and financial market conditions; delays related to the award of domestic and international contracts; the continued support for military transformation and modernization programs; potential adverse impact of oil prices on the commercial aerospace industry; the impact of terrorist events on the commercial aerospace industry; potential declining defense budgets resulting from budget deficits in the U.S. and abroad; changes in domestic and foreign government spending, budgetary and trade policies adverse to

our businesses; market acceptance of our new and existing technologies, products and services; reliability of and customer satisfaction with our products and services; favorable outcomes on or potential cancellation or restructuring of contracts, orders or program priorities by our customers; customer bankruptcies and profitability; recruitment and retention of qualified personnel; regulatory restrictions on air travel due to environmental concerns; effective negotiation of collective bargaining agreements by us and our customers; performance of our customers and subcontractors; risks inherent in development and fixed-price contracts, particularly the risk of cost overruns; risk of significant reduction to air travel or aircraft capacity beyond our forecasts; our ability to execute to our internal performance plans such as our productivity and quality improvements and cost reduction initiatives; achievement of our acquisition and related integration plans; ability to achieve our planned effective tax rates; risk that legislation re-establishing the Federal Research and Development Tax Credit is not passed during our fiscal year 2011; our ability to develop contract compliant systems and products on schedule and within anticipated cost estimates; risk of fines and penalties related to noncompliance with export control regulations; risk of asset impairments; our ability to win new business and convert those orders to sales within the fiscal year in accordance with our annual operating plan; and the uncertainties of the outcome of litigation, as well as other risks and uncertainties, including but not limited to those detailed herein and from time to time in our Securities and Exchange Commission filings. These forward-looking statements are made only as of the date hereof.

Item 1B. Unresolved Staff Comments.

None

Item 2. Properties.

As of September 30, 2010, we operated 19 manufacturing facilities throughout the U.S. and one manufacturing facility each in Mexico, France, Germany and the United Kingdom. The Company also had engineering facilities, sales offices, warehouses and service locations in approximately 20 countries around the world. These facilities have aggregate floor space of approximately 7 million square feet, substantially all of which is in use. Of this floor space, approximately 58 percent is owned and approximately 42 percent is leased. There are no major encumbrances on any of our plants or equipment, other than financing arrangements which in the aggregate are not significant. In the opinion of management, our properties have been well maintained, are in sound operating condition and contain all equipment and facilities necessary to operate at present levels. A summary of floor space of these facilities at September 30, 2010 is as follows:

Location	Owned Facilities	Leased Facilities	Total
(in thousands of square feet)			
U.S	3,714	2,318	6,032
Europe	329	296	625
Canada and Mexico	_	122	122
Asia Pacific	_	175	175
South America		7	7
Total	4,043	2,918	6,961
Type of Facility	Owned Facilities	Leased Facilities	Total
(in thousands of square feet)			
Manufacturing and service	2,177	1,478	3,655
Sales, engineering and general office space	1,866	1,440	3,306
Total	4,043	2,918	6,961

We have facilities with a total of at least 100,000 square feet in the following cities: Cedar Rapids, Iowa (2,980,000 square feet), Richardson, Texas (390,000 square feet), Melbourne, Florida (335,000 square feet), Heidelberg, Germany (240,000 square feet), Irvine, California (220,000 square feet), San Jose, California (215,000 square feet), Tustin, California (215,000 square feet), Coralville, Iowa (180,000 square feet), Sterling, Virginia (170,000 square feet), Duluth, Georgia (160,000 square feet), Toulouse, France (150,000 square feet), Wilsonville, Oregon (150,000 square feet), Salt Lake City, Utah (120,000 square feet) and Mexicali, Mexico (105,000 square feet). Most of our facilities are generally shared for the benefit of our Government Systems and Commercial Systems businesses. Our owned facility in San Jose, California is vacant and in the process of being sold. This facility has been included in the tables and is characterized as primarily manufacturing.

Certain of our facilities, including those located in California and Mexico, are located near major earthquake fault lines. We maintain earthquake insurance with a deductible of five percent of the insured values with respect to these facilities. We also maintain property insurance for wind damage, including hurricanes and tornadoes, for our facilities. This insurance covers physical damage to property and any resulting business interruption. All losses are subject to a \$5 million deductible with certain exceptions that could affect the deductible.

Item 3. Legal Proceedings.

Various lawsuits, claims and proceedings have been or may be instituted or asserted against us relating to the conduct of our business, including those pertaining to product liability, intellectual property, environmental, safety and health, exporting or importing, contract, employment and regulatory matters. Although the outcome of litigation cannot be predicted with certainty and some lawsuits, claims or proceedings may be disposed of unfavorably to us, management believes the disposition of matters that are pending or asserted will not have a material adverse effect on our business or financial condition, but could possibly be material to the results of operations or cash flows of any one quarter.

Item 4. Reserved.

Item 4A. Executive Officers of the Company.

The name, age, office and position held with us, and principal occupations and employment during the past five years of each of our executive officers as of November 20, 2010 are as follows:

Name, Office and Position, and Principal Occupations and Employment	Age
Clayton M. Jones—Chairman of the Board of Rockwell Collins since June 2002; President and Chief Executive Officer of Rockwell Collins since June 2001	61
Barry M. Abzug—Senior Vice President, Corporate Development of Rockwell Collins since October 2001	58
Patrick E. Allen—Senior Vice President and Chief Financial Officer of Rockwell Collins since January 2005	46
John-Paul E. Besong—Senior Vice-President, e-Business of Rockwell Collins since April 2007; Senior Vice President of e-Business & Lean Electronics of Rockwell Collins prior thereto	57
Gary R. Chadick—Senior Vice President, General Counsel and Secretary of Rockwell Collins since July 2001	49
Gregory S. Churchill—Executive Vice President, International and Service Solutions since February 2010; Executive Vice President and Chief Operating Officer, Government Systems of Rockwell Collins prior thereto	53
Collins prior thereto	53

Name, Office and Position, and Principal Occupations and Employment	Age
Ronald W. Kirchenbauer—Senior Vice President, Human Resources of Rockwell Collins since April 2003	63
Nan Mattai—Senior Vice President, Engineering and Technology of Rockwell Collins since November 2004	58
Jeffrey A. Moore—Senior Vice President of Operations of Rockwell Collins since April 2006; Acting Senior Vice President of Operations of Rockwell Collins from October 2005 to April 2006; Vice President of Manufacturing Operations of Rockwell Collins prior thereto	57
Robert K. Ortberg—Executive Vice President and Chief Operating Officer, Government Systems since February 2010; Executive Vice President and Chief Operating Officer, Commercial Systems of Rockwell Collins from October 2006 to February 2010; Vice President and General Manager, Air Transport Systems of Rockwell Collins prior thereto	50
David S. Rokos—Vice President and Treasurer of Rockwell Collins since May 2008; Controller of Rockwell Collins Government Systems' Surface Solutions from January 2008 to May 2008; Controller of Rockwell Collins Government Systems' Sensor Systems prior thereto	41
Marsha A. Schulte—Vice President, Finance & Controller of Rockwell Collins since May 2006; Vice President & Controller, Operations of Rockwell Collins prior thereto	53
Kent L. Statler—Executive Vice President and Chief Operating Officer, Commercial Systems since February 2010; Executive Vice President, Rockwell Collins Services from October 2006 to February 2010; Senior Vice President and General Manager of Rockwell Collins Services from prior thereto	45
Robert A. Sturgell—Senior Vice President, Washington Operations since April 2009; Acting Administrator of the Federal Aviation Administration (FAA) from September 2007 to April 2009; Deputy Administrator of the FAA prior thereto	51
There are no family relationships, as defined, between any of the above executive officers and any other executive officer or any director. No officer was selected pursuant to any arrangement or understanding between the officer and any person other than us. All executive officers are elected annually.	

PART II

Item 5. Market for the Company's Common Equity, Related Stockholder Matters and Company Purchases of Equity Securities.

Market Information

Our common stock, par value \$.01 per share, is listed on the New York Stock Exchange and trades under the symbol "COL". On October 31, 2010, there were 25,489 shareowners of record of our common stock.

The following table sets forth the high and low sales price of our common stock on the New York Stock Exchange—Composite Transactions reporting system during each quarter of our years ended September 30, 2010 and 2009:

		10	2009	
Fiscal Quarters	High	Low	High	Low
First	\$56.88	\$47.19	\$42.86	\$27.76
Second	63.73	52.03	42.14	27.67
Third	68.04	51.85	49.10	32.60
Fourth	59.40	51.87	51.37	38.29

Dividends

The following table sets forth the cash dividends per share paid by us during each quarter of our years ended September 30, 2010 and 2009:

Fiscal Quarters	2010	2009
First	\$0.24	\$0.24
Second	0.24	0.24
Third	0.24	0.24
Fourth	0.24	0.24

Based on our current dividend policy, we will pay quarterly cash dividends which, on an annual basis, will equal \$0.96 per share. The declaration and payment of dividends by us, however, will be at the sole discretion of our Board of Directors.

Repurchases

Our Board of Directors has authorized certain repurchases of our common stock. During 2010, we repurchased approximately 3.2 million shares of our common stock at a total cost of \$182 million, which resulted in a weighted average cost of \$57.50 per share. During 2009, we repurchased approximately 3.9 million shares at a total cost of \$156 million, which resulted in a weighted average cost of \$40.01 per share.

The following table provides information with respect to purchases made by or on behalf of us or any "affiliated purchaser" (as defined in Rule 10b-18(a)(3) under the Securities Exchange Act of 1934) of shares of our common stock during the three months ended September 30, 2010:

Period	Total Number of Shares Purchased	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Maximum Number (or Approximate Dollar Value) of Shares that May Yet Be Purchased Under the Plans or Programs(1)
July 1, 2010 through July 31, 2010	305,000	\$55.68	305,000	\$ 75 million
August 1, 2010 through August 31, 2010.	400,000	\$56.22	400,000	\$ 52 million
September 1, 2010 through September 30,				
2010	460,000	\$57.56	460,000	\$326 million
Total/Average	1,165,000	\$56.61	1,165,000	

⁽¹⁾ On September 16, 2010, our Board authorized the repurchase of an additional \$300 million of our common stock. This authorization has no stated expiration.

Item 6. Selected Financial Data.

The following selected financial data should be read in conjunction with the consolidated financial statements and notes thereto included in Item 8 below. The Statement of Operations, Statement of Financial Position and other data has been derived from our audited financial statements.

	Years Ended September 30				
	2010(a)	2009(b)	2008(c)	2007(d)	2006(e)
(dollars in millions, except per share amounts)					
Statement of Operations Data:					
Sales	\$4,665	\$4,470	\$4,769	\$4,415	\$3,863
Cost of sales	3,379	3,150	3,334	3,092	2,752
Selling, general and administrative expenses	478	458	485	482	441
Income before income taxes	802	867	953	843	689
Net income	561	594	678	585	477
Net income as a percent of sales	12.09	% 13.39	% 14.29	% 13.39	% 12.3%
Diluted earnings per share	3.52	3.73	4.16	3.45	2.73
Statement of Financial Position Data:					
Working capital(f)	\$1,237	\$1,003	\$ 598	\$ 710	\$ 603
Property	707	719	680	607	552
Goodwill and intangible assets	1,072	964	807	691	654
Total assets	5,064	4,645	4,144	3,750	3,278
Short-term debt	24	_	287	_	_
Long-term debt	525	532	228	223	245
Shareowners' equity	1,482	1,292	1,408	1,573	1,206
Other Data:					
Capital expenditures	\$ 109	\$ 153	\$ 171	\$ 125	\$ 144
Depreciation and amortization	149	144	129	118	106
Dividends per share	0.96	0.96	0.80	0.64	0.56
Stock Price:					
High	\$68.04	\$51.37	\$76.00	\$74.69	\$60.41
Low	47.19	27.67	43.26	54.38	43.25

⁽a) Includes a \$20 million income tax benefit related to the favorable resolution of certain tax matters in 2010.

- (d) Includes (i) a \$13 million reduction in income tax expense related to the retroactive reinstatement of the previously expired Federal Research and Development Tax Credit and (ii) a \$5 million favorable adjustment to the 2006 restructuring charge discussed in item (e)(ii) below. The \$5 million adjustment in 2007 was primarily due to lower than expected employee separation costs (\$3 million gain after taxes).
- (e) Includes (i) \$20 million gain on the sale of Rockwell Scientific Company, LLC, an equity affiliate that was jointly owned with Rockwell Automation, Inc. (\$13 million after taxes) and

⁽b) Includes \$21 million of restructuring and asset impairment charges primarily related to reductions in workforce and decisions to implement certain facility rationalization actions (\$14 million after taxes). \$19 million of the restructuring and asset impairment charge was recorded in cost of sales and the remaining \$2 million was included in selling, general and administrative expenses.

⁽c) Includes a \$22 million income tax benefit related to the favorable resolution of certain tax matters in 2008.

- (ii) \$14 million restructuring charge related to decisions to implement certain business realignment and facility rationalization actions (\$9 million after taxes).
- (f) Working capital consists of all current assets and liabilities, including cash and short-term debt.

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations.

The following discussion and analysis should be read in conjunction with our consolidated financial statements and notes thereto. The following discussion and analysis contains forward-looking statements and estimates that involve risks and uncertainties. Actual results could differ materially from these estimates. Factors that could cause or contribute to differences from estimates include those discussed under "Cautionary Statement" and "Risk Factors" contained in Item 1 above.

We operate on a 52/53 week fiscal year ending on the Friday closest to September 30. For ease of presentation, September 30 is utilized consistently throughout Management's Discussion and Analysis of Financial Condition and Results of Operations to represent the fiscal year end date. 2010 and 2009 were both 52 week fiscal years, while 2008 was a 53 week fiscal year. All date references contained herein relate to our fiscal year unless otherwise stated.

OVERVIEW AND OUTLOOK

We benefit from a diversified and balanced business, serving both commercial and government markets. This diversification and balance was an important attribute that helped support the performance of our Company during 2010. Our Government Systems business realized revenue growth from acquisitions and from higher organic sales to customers who remain focused on increasing the effectiveness of the war fighter. Our Commercial Systems business continued to experience lingering effects from uncertainty in the global economic recovery and the adverse impact on our commercial aerospace customers. We took aggressive actions to manage the cost structure of our business and position our portfolios appropriately for these market conditions. We adjusted our operations to increase efficiency and balance capacity as we completed the closure of our facility in San Jose, California and relocated work previously done there to other locations. We focused on containing costs and accelerating the margin accretion of our DataPath, Inc. (DataPath) acquisition. As a result of these efforts, we generated the following results for 2010:

- we achieved sales of \$4.67 billion
- we delivered earnings per share of \$3.52
- we generated operating cash flow of \$711 million
- we continued to invest in research and development (R&D) at 18.5 percent of sales

We believe our Company has proven its ability to both react quickly to changing business conditions and to execute its business plans. Our fundamental strategies continue to serve us well: the balance between our commercial and government businesses; the diversification of our customer base and product offerings; the integration of our business through our shared service operating model and our focus on innovation through R&D.

Balance—We feel our business is characterized by its balance, in terms of market segment, geographic regions and product and customer sales mix. We strive to maintain a balance between our Government and Commercial Systems businesses, believing that the segments are complementary to one another. In 2011, we expect the strength of our Commercial Systems business to drive our growth with a modest increase in our Government Systems business. We believe our balanced business portfolio is a fundamental strength of our Company.