



**2013**  
**ANNUAL INFORMATION FORM**  
**(Fiscal Year Ended March 31, 2013)**

June 13, 2013

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SCHEDULE A - SUBSIDIARIES

SCHEDULE B - AUDIT COMMITTEE MANDATE

## INFORMATION INCORPORATED BY REFERENCE

CAE's Management's Discussion and Analysis and our Consolidated Financial Statements for the year ended March 31, 2013, and the notes thereto ("**Consolidated Financial Statements**") appear in the Annual Report to Shareholders for the year ended March 31, 2013 ("**Annual Report**"). The Consolidated Financial Statements were prepared in accordance with Part 1 of the Canadian Institute of Chartered Accountants Handbook, referred to as IFRS. The information contained in the Management's Discussion and Analysis and the Consolidated Financial Statements for the year ended March 31, 2013, and the notes thereto, is specifically incorporated by reference into this Annual Information Form ("**AIF**"). Any parts of the Annual Report not specifically incorporated by reference do not form part of this AIF.

**Unless otherwise noted, all dollar references in this Annual Information Form are expressed in Canadian dollars.**

References to fiscal 2013 ("**FY2013**") refer to the period from April 1, 2012 to March 31, 2013, references to fiscal 2012 refer to the period from April 1, 2011 to March 31, 2012, and references to fiscal 2011 refer to the period from April 1, 2010 to March 31, 2011.

This AIF contains forward-looking statements with respect to CAE and our subsidiaries based on assumptions which CAE considered reasonable at the time they were prepared and may include information concerning CAE's markets, future financial performance, business strategy, plans, goals and objectives. These forward-looking statements, by their nature, necessarily involve risks and uncertainties that could cause actual results to differ sometimes materially from those contemplated by the forward-looking statements. Statements preceded by the word "believe", "expect", "anticipate", "intend", "continue", "estimate", "may", "will", "should" and/or similar expressions are forward-looking statements. CAE cautions the reader that the assumptions regarding future events, many of which are beyond the control of CAE, may affect the extent to which a particular projection materializes and/or could ultimately prove to be incorrect; accordingly, readers are cautioned not to place undue reliance on these forward-looking statements. Factors that could cause actual results or events to differ materially from current expectations are discussed in the section "Risk Factors" herein. CAE disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events, or otherwise, except as required by law or regulation. In particular, forward-looking statements do not reflect the potential impact of any merger, acquisition or other business combinations or divestitures that may be announced or completed after such statements are made.

### 1. CORPORATE STRUCTURE OF CAE

#### 1.1 Name, Address and Incorporation

On March 17, 1947 CAE Inc. ("**Company**" or "**CAE**") was incorporated as Canadian Aviation Electronics Ltd. under the laws of Canada by letters patent. In 1965, the name of the Company was changed to CAE Industries Ltd. and in 1993 the Company changed its name to CAE Inc.

CAE was continued in 1977 under the *Canada Business Corporations Act* ("**CBCA**"). In 1979, CAE's articles were amended to change its authorized share capital to an unlimited number of common shares, and again in 1981 to authorize an unlimited number of preferred shares, issuable in series, with such rights, privileges, restrictions and conditions as the Directors of CAE may determine.

On June 9, 1995, CAE's articles were amended to authorize the Directors to appoint additional Directors in accordance with the provisions of the CBCA. On April 1, 2001, the Company amalgamated with CAE Electronics Ltd., our wholly-owned subsidiary.

CAE's registered office is located at 8585 Côte-de-Liesse, Saint-Laurent, Québec, Canada H4T 1G6, telephone: (514) 341-6780, fax: (514) 340-5530.

#### 1.2 Inter-corporate Relationships

The direct and indirect subsidiaries and other ownership interests of CAE are set out in Schedule A hereto.

## 2. OVERVIEW OF CAE AND THE DEVELOPMENT OF ITS BUSINESS

### 2.1 Overview

CAE is a world leader in providing simulation and modeling technologies and integrated training services primarily to the civil aviation industry and defence forces around the globe. We also leverage our simulation capabilities in healthcare and mining markets. We are globally diversified with approximately 8,000 people at more than 100 sites and training locations in approximately 30 countries. In fiscal 2013, we had annual revenue exceeding \$2.1 billion, 90% of which came from worldwide exports and international activities. We have the largest installed base of civil and military flight simulators and a broad global aviation training network. We offer civil aviation, military and helicopter training services in more than 45 locations worldwide where we train approximately 100,000 civil and military crewmembers annually. Our main products include full-flight simulators (“FFS”s), which replicate aircraft performance in a full array of situations and environmental conditions. We apply our simulation expertise and operational experience to help customers enhance safety, improve efficiency, maintain readiness and solve challenging problems.

Approximately half of our revenue comes from the sale of simulation products, software and simulator updates, and the balance from services including training, maintenance, ab initio pilot training, aircraft crew sourcing and integrated enterprise solutions.

Founded in 1947 and headquartered in Montreal, Canada, CAE has built an excellent reputation and long-standing customer relationships based on over 65 years of experience, strong technical capabilities, a highly trained workforce, and global reach.

CAE's common shares are listed on the Toronto and New York stock exchanges under the symbol CAE.

### 2.2 Geographic and Segment Revenues and Locations

CAE's consolidated revenue from continuing operations in fiscal 2012 and 2013 was \$1.821 billion and \$2.104 billion, respectively, and is broken down as follows:

<u>Revenue by Product Line (%)</u>			<u>Geographic Distribution of Revenue (%)</u>		
	2013	2012	2013	2012	
SP/C	19	19	US	30	34
TS/C	36	27	Germany	4	7
SP/M	27	34	Other European countries	13	11
TS/M	13	15	UK	11	8
NCM	5	5	Other Asian countries	10	8
	<b>100</b>	<b>100</b>	Canada	10	11
			The Netherlands	2	4
			Australia	5	4
			China	7	6
			United Arab Emirates	4	3
			Other countries	4	4
				<b>100</b>	<b>100</b>

The following sets out, by business segment, the locations of CAE's primary subsidiaries and divisions:

<b>Location</b>	<b>SP/C</b>	<b>SP/M</b>	<b>TS/C</b>	<b>TS/M</b>	<b>NC/M</b>
<b>Canada</b>					
Montreal, Québec	✓	✓	✓	✓	✓
Toronto, Ontario			✓		
Ottawa, Ontario			✓	✓	
Sudbury, Ontario					✓
Halifax, Nova Scotia		✓		✓	
Vancouver, British Columbia				✓	
<b>Europe</b>					
Amsterdam, The Netherlands			✓		

<b>Location</b>	<b>SP/C</b>	<b>SP/M</b>	<b>TS/C</b>	<b>TS/M</b>	<b>NC/M</b>
Brussels, Belgium			✓		
Burgess Hill, United Kingdom		✓	✓	✓	
Budapest, Hungary		✓			
Copenhagen, Denmark			✓		
Gatwick, United Kingdom			✓		
Madrid, Spain			✓		
Manchester, United Kingdom			✓		
Stavanger, Norway			✓		
Oslo, Norway			✓		
Oxford, United Kingdom			✓		
RAF Base, Oxfordshire, United Kingdom				✓	
Stockholm, Sweden			✓		
Stolberg, Germany		✓		✓	
Wells, Somerset, United Kingdom					✓
<b>United States</b>					
Dallas, Texas			✓		
Durham, North Carolina		✓			
Fort Worth, Texas			✓		
Mesa, Arizona			✓		
Morristown, New Jersey			✓		
Orlando, Florida		✓		✓	
Phoenix, Arizona			✓		
Richardson, Texas		✓			
San Francisco, California			✓		
Sarasota, Florida					✓
Tampa, Florida		✓		✓	
Littleton, Colorado					✓
<b>Other</b>					
Bangalore, India	✓	✓	✓	✓	
Dubai, United Arab Emirates			✓		
Gondia, India			✓		
Hong Kong			✓		✓
Johannesburg, South Africa			✓		✓
Karaganda, Kazakhstan					✓
Kuala Lumpur, Malaysia			✓		
Lima, Peru			✓		✓
Melbourne, Australia			✓	✓	
New Delhi, India					✓
Nova Lima, Brazil					✓
Perth, Australia			✓		✓
Rae Bareli, India			✓		
Sydney, Australia		✓		✓	
Sao Paolo, Brazil			✓		
Santiago, Chile			✓		✓
Shanghai, China			✓		
Singapore		✓	✓	✓	
Toluca, Mexico			✓		
Zhuhai, China			✓		

## 2.3 CAE's vision

We intend to be the partner of choice for customers operating in complex mission-critical environments by providing the most innovative product and service solutions to enhance safety, improve efficiency, provide superior decision-making capabilities and achieve mission readiness.

## 2.4 Our strategy and value proposition

### *Our strategy*

We are a world-leading provider of modeling and simulation-based training, optimization and decision support solutions. We have a long history of serving the needs of customers in the civil aerospace and defence markets, and in recent years we have extended our capabilities into healthcare and mining, where the CAE brand is becoming increasingly important.

A key tenet of our strategy related to the civil aerospace and defence markets is to derive an increasing proportion of our business from the existing fleet rather than future aircraft deliveries. This includes providing solutions for customers in support of the global fleet of civilian and military aircraft. In recent years, the increase in recurring services revenue has lessened our dependency on aircraft deliveries to drive our business.

We have been successful in diversifying our interests globally, which differentiates CAE by bringing our solutions closer to our customers' home bases. Global diversity makes us less dependent on any one market, and since business conditions are rarely identical in all regions of the world, we believe this provides a degree of stability to our performance. We are investing in both the mature and emerging markets to capitalize on current and future growth opportunities. Approximately one third of our revenue comes from the U.S., one third from Europe and one third from the rest of the world including the high growth, emerging markets.

### *Value proposition*

The value we provide customers is the ability to enhance the safety of their operations, improve their mission readiness for potentially dangerous situations and lower their costs by helping them become more operationally efficient. We offer a range of products and services solutions to enhance our customers' planning and decision-making abilities, as well as a complete range of products and services that can be arranged as a customized solution to suit our customers' changing needs over time. We also offer a broad global reach, and as a result, we are able to provide solutions in proximity to our customers, which is an important cost-benefit consideration for them.

Our core competencies and competitive advantages include:

- World-leading modeling and simulation technology;
- Comprehensive knowledge of training and learning methodologies;
- Total array of training products and services solutions;
- Broad-reaching customer intimacy;
- High brand equity;
- Proven systems engineering and program management processes;
- Best-in-class customer support;
- Well established in new and emerging markets.

### *World-leading modeling and simulation technology*

We pride ourselves on our technological leadership. Pilots around the world view our simulation as the closest thing to the true experience of flight. We have consistently led the evolution of flight training and simulation systems technology with a number of industry firsts. We have simulated the entire range of large civil aircraft in use today, a large number of the leading regional and business aircraft and a number of civil helicopters. We are an industry leader in providing simulation and training solutions for fixed-wing transport aircraft, maritime patrol aircraft and helicopter platforms for the military. We also have extensive knowledge, experience and credibility in designing and developing simulators for first-to-market aircraft of major aircraft manufacturers. We now use our expertise in modeling and simulation beyond training into other mission-critical areas, such as emergency response services, where these technologies are used to support superior decision-making capabilities. As well, we have extended these capabilities to the healthcare and mining markets.

### *Comprehensive knowledge of training and learning methodologies*

With over 65 years of experience in simulation, we are an industry expert in aviation training and are the industry's training solution one-stop shop. In aviation, we are constantly introducing and implementing ways to improve safety and training efficiency, from ab initio to professional pilot training. For instance, data from actual flights is combined with the training data analysis captured from training centres to develop evidence-based training curriculum and brief-debrief content. This results in training programs that are current, specifically relevant to operational and practical circumstances, and actionable in real-world situations. Another example is our industry leadership towards implementing Upset Prevention and Recovery Training, specifically geared toward preparing pilots to address adverse and extreme flying conditions. We are using our experience gained in the development of training and learning methodologies in aerospace to bring and enhance modeling and simulation technologies to our training solutions in the healthcare and mining domains. In healthcare, we offer both training expertise and the widest breadth of simulation training products in the industry, with surgical, patient, and ultrasound simulators and trainers for more than 20 medical specialties. Our simulation centre management system, LearningSpace, effectively captures every aspect of a live simulation, allowing the delivery of instant, multimedia debriefing sessions and ongoing training improvement and addressing the customers' need to efficiently manage financial and administrative costs of operating small to large simulation centres, all in one web-based solution. In mining, we have borrowed from aviation standards to introduce new solutions to train mining vehicle operators.

### *Total array of training products and services solutions*

We offer a wide array of training products, from desktop trainers to FFSs, addressing both our civil and military customers' training needs. With a large network of training centres, we are also a global leader in aviation training providing the complete solution to meet our customers' training and pilot placement needs. Our pilot training programs span over 100 different aircraft models including commercial airliners, business aircraft and helicopters in the civil market. In the defence market, our programs involve instruction for transport aircraft, helicopters, lead-in jet trainers, aerial refuelers, and maritime patrol aircraft. Our range of training services includes the provision of curricula for initial, type rating, recurrent and maintenance training. Our civil pilot provisioning solution adds value and moves our customers' businesses forward by identifying, screening, selecting, training and ultimately placing pilots at their airlines. In addition, we deliver civil ab initio pilot training through CAE Oxford Aviation Academy.

### *Broad-reaching customer intimacy*

The realization of our mission to be our customers' partner of choice is evident in the relationships we have with many of the world's airlines, aircraft operators, governments and original equipment manufacturers ("OEM"s). Our broad geographic coverage allows us to respond quickly and cost effectively to customer needs and new business opportunities while having a deep understanding and respect of the regulations and customs of the local market. We operate a fleet of over 245 full flight and full-mission simulators in more than 45 civil aviation, military and helicopter training locations worldwide to meet the wide range of operational requirements of our customers. Among our thousands of customers, we have long-term training services agreements and joint ventures with more than 20 major airlines and aircraft operators around the world and relationships with approximately 50 defence operators in approximately 35 countries.

### *High brand equity*

We are unique in the simulation industry as the only truly global company focused on modeling, simulation, and training. We continually reinforce our focus, experience and technology leadership as we position the Company with customers around the world. We invest in building and maintaining our brand and reputation as a company committed to innovation that will help our customers enhance safety, improve efficiency, enhance decision-making and achieve mission readiness. We are focused on offering the aviation industry's most comprehensive portfolio of simulation products, training services, and crew sourcing with the ability to tailor a flexible training solution to the individual requirements of each of our customers. Our simulation products are rated among the highest in the industry for reliability and availability. This is a key benefit because simulators normally operate in high-duty cycles of up to 20 hours a day, seven days a week. We design our products so customers can upgrade them, giving them more flexibility and opportunity as products change or new air worthiness regulations are introduced. The CAE brand is synonymous with industry-leading simulation technology as well as superior customer support and we strive to be our customers' partner of choice for any simulation and training related requirement.

### *Proven systems engineering and program management processes*

We continue to develop solutions and deliver technically complex programs to help ensure that there are trained and mission-ready aircrew and combat troops around the world. We have a proven track record on delivering complex civil and military first-to-market

simulators. Our experience, coupled with our continued investment in research and development, strengthens our technological leadership as well as our management expertise to provide programs featuring sensor simulation for maritime operations, synthetic tactical environments for naval and fighter operations as well as visualization and common database technologies that deliver rich, immersive synthetic environments for the most effective training and mission rehearsal possible.

#### *Best-in-class customer support*

We maintain a strong focus on after-sales support, which is often critical in winning additional sales contracts, as well as important update and maintenance services business. Our customer support practices, including a web-based customer portal, performance dashboard, and automated report cards, have resulted in enhanced customer support according to customer comments and feedback.

#### *Well established in new and emerging markets*

We pride ourselves in our local presence in each of our global markets, while simultaneously maintaining the efficiencies and advantages of being an international organization. This approach has enabled us to lead in high-growth markets like China, India, the Middle East, South America and Southeast Asia, where we have been active for several decades.

## **2.5 Industry Overview and Trends**

The civil, military, healthcare and mining markets CAE serves are driven by factors particular to each market.

CAE believes the civil market is most affected by the world gross domestic product, which in turn drives air travel, measured in revenue passenger kilometers (“**RPK**”). This positive RPK generation needs to be satisfied by aircraft deliveries in addition to the existing fleet, and then corrected for attrition. Finally direct factors influence the total offering such as the nature, size and composition of aircraft fleets, aircraft delivery schedules, pilot demographics, certification requirements and market demand for commercial and business air travel, which in particular is also influenced by corporate profits.

CAE believes the military market is mostly influenced by a combination of defence spending and the nature of military activity. Demand for CAE’s military products and services are also influenced by the degree to which military forces globally lean towards the outsourcing of functions to the private sector. As well, CAE’s military business is affected by the extent to which synthetic training and mission rehearsal solutions gain market acceptance as an alternative to live training, such as flying an actual aircraft or firing an actual weapon.

CAE believes the healthcare market is influenced by developments in treatments for healthcare issues and, in some markets, government spending. Demand for CAE’s healthcare products and services are also influenced by the degree to which synthetic training and treatment rehearsal solutions gain market acceptance as an alternative to the present system of on-the-job learning assisted by seasoned clinicians.

CAE believes the mining market is influenced by economic cycles and GDP growth. Demand for CAE’s mining products and services are also influenced by the need for operational efficiencies that can be addressed by CAE Mining’s solutions.

## **2.6 Research and Development (“R&D”)**

CAE differentiates itself by providing superior products and services that incorporate the latest, most advanced technology available on the market and combining this with innovation that is nurtured organically. As a result, CAE has a long-standing commitment to performing R&D. Each business segment is encouraged to adopt and apply R&D across the whole spectrum of its operations, from product development to production processes and methods.

With the deployment of the Global Engineering organization model in FY2013, a refined governance mechanism for the overall global R&D portfolio was introduced. The mechanism, called the Innovation Board, is held on a recurring basis at the most senior executive levels of the company to set the vision and strategic direction for R&D. Making innovation materialize at all levels within CAE’s products, services and processes throughout the operational execution has been identified in FY2013 as a strategic priority. To this end, a company-wide “Open Innovation Challenge” initiative has been deployed to all employees using an internal social media platform. The results of the Open Innovation Challenge” initiative will be developed and prototyped in FY2014, and the most viable and impactful ideas will be embedded directly within our products or will be used to improve or drive the efficiency of our services. By encouraging all of our employees to contribute to the corporate knowledge share, we can increase the breadth and depth of the R&D we perform from within while stimulating and motivating our engineering and technical from a human resources perspective.

CAE's continuous investment in R&D over years has led to a large portfolio of technologies which form the basis for new products and services, modeling and simulation technologies, real-time computing technologies, networking communication technologies and, visual technologies all of which are at the center of our product history. CAE is committed to maintain leadership with these technologies and as such, has launched a strategic initiative called Technology Convergence. By editing and rationalizing our technology portfolio and investing in the most promising foundational technologies, Technology Convergence will deliver an architecture and a framework upon which we will base the future product and service offerings. The project will define the standard for our core modeling and simulation technologies moving forward and will establish the complete product portfolio around them.

Our leadership in core modeling and simulation technologies has enabled growth from the virtual training domain into the operational and analysis domain. Examples of concrete new products and services developed from this strategy are :

The Dynamic Synthetic Environment ("DSE") technologies which are underpinned by Common Environment/Common Database ("CE/CDB"). Complex, simulated synthetic environments are the cornerstone of military mission training solutions. The DSE portfolio was released to market at ITTSEC 2012 in Orlando

CAE has continued to find innovative ways of achieving cost reduction without sacrificing fidelity in the development of its 3000 Series light helicopter training Full Flight Simulator ("FFS") product family by introducing an all-electric platform that includes motion and vibration cueing. The 10 foot visual dome version of the 3000 Series has made its successful debut in operation with 3 FFS of that model deployed last year. The development of a larger 12ft version is proceeding in FY2014.

An integral part of CAE's R&D strategy is to participate with universities, national research centers, in collaborative forums and to leverage contribution programs with government agencies for both corporate level and specific research projects. While development is the first priority, applied research is also vitally important to CAE's future. In addition to the basic internal R&D, R&D may also be carried out in the execution of customer contracts and through incremental development initiatives. This involves the development of technology that is necessary to evolve or step-change products and to meet unique contractual requirements but is also highly valuable and may be reapplied by CAE in a broader sense.

On March 31, 2009, CAE announced that we will invest up to \$714 million in Project Falcon, an R&D program that will continue over five years. The goal of Project Falcon is to expand our current modeling and simulation technologies, develop new ones and increase our capabilities beyond training into other areas of the aerospace and defence market, such as analysis and operations. The Government of Canada agreed to participate in Project Falcon through a repayable investment of up to \$250 million made through the Strategic Aerospace and Defence Initiative ("SADI"), which supports strategic industrial research and pre-competitive development projects in the aerospace, defence, space and security industries. The participation from the Government of Canada is unconditionally repayable and will be accounted for as a long-term obligation repayable over 15 years. The repayments will begin only after Project Falcon is completed.

During FY2010, we announced that we will invest up to \$274 million in Project New Core Markets (a project targeting growth in CAE's New Core Markets). It is an R&D program extending over seven years in collaboration with Investissement Québec ("IQ"). The aim is to leverage our modeling, simulation technologies and training services expertise into the new markets of healthcare, mining and energy. The Québec government agreed to participate up to \$100 million in contributions related to costs incurred before the end of fiscal 2016. As we carry out our R&D initiatives with the financial support of government, including the Government of Québec through IQ and the Government of Canada through SADI. We may not, in the future, be able to replace these existing programs with other government risk-sharing programs of comparable benefit to us, which could have a negative impact on our financial performance and research and development activities.

We receive investment tax credits on eligible R&D activities that we undertake in Canada from the federal government and investment tax credits on eligible R&D activities that we undertake in Québec from the provincial government. The credits we receive are based on federal and provincial legislation currently enacted. The investment tax credits available to us can be reduced by changes to the respective governments' legislation which could have a negative impact on our financial performance and research and development activities.

## **2.7 Production and Services**

### *Production*

CAE's manufacturing and assembly facilities are located in Montreal, Canada; Tampa & Sarasota, U.S.; Burgess Hill, U.K.; Bangalore, India; and Stolberg, Germany.

The manufacturing process for CAE Full Flight simulators is complex, involving the coordination of more than 200,000 parts and millions of lines of software code. The manufacture of a simulator includes six major stages: design, manufacture and assembly, integration & testing, shipping, site installation and final qualification on site. Military, by virtue of their tactical mission rehearsal, are more complex and unique than civil simulators, and therefore may take more time to design, manufacture and test.

Manufacturing is organized into 10 manufacturing cells comprised of the following three major disciplines: electronics (printed circuit board assembly), electrical (cables, cabinets, aircraft instruments and avionics), and mechanical (sheet metal and machine shop, precision assembly and hydraulics, structural assembly and final assembly). Each cell has its own planning, methodizing and set of specific products to deliver, which establishes clear accountability for manufacturing performance.

Most of our manufacturing and integration activities for civil and military simulation systems are conducted at CAE's facilities in Montreal, with some integration and update related work also being conducted at the Tampa, Burgess Hill, Bangalore, Australia, and Stolberg sites. The Tampa facility conducts military systems integration and testing activities for simulation equipment destined for U.S. military-related contracts.

### *Services*

CAE's training and service facilities are based around the world. While our head office is located in Montreal, Canada, CAE provides training and services from more than 45 locations across South America, North America, Europe, the Middle East, India, China, Russia and Southeast Asia.

These locations include Type Rating Training Organizations offering pilot, maintenance and cabin crew training to business and commercial aircraft operators; ab-initio training centres which provide commercial pilot license training to aspiring pilots as part of CAE Oxford Aviation Academy initiative; and several locations from which CAE offers technical support services to aviation training centres.

CAE's courseware development is conducted in our Canadian, U.S. and Indian facilities, and CAE's flight data solutions, offered through CAE Flightscape, are offered from Canada.

CAE provides a range of technical support services to civil and military simulator operators, including parts replacement and repairs, installations, relocations, upgrades and technical training. Customers use CAE's technical services to answer questions, troubleshoot and receive advice. This extends to service visits by CAE's engineers to assist in customer maintenance and repair activities. Military and civil upgrade services are not restricted to CAE products; CAE can upgrade most other manufacturers' simulators. CAE services are offered either in conjunction with a sale of a simulator, through maintenance contracts or individual purchase orders. CAE believes that our service business provides opportunities to influence the upgrade of installed FFSs while providing valuable insights into customer training needs.

CAE's Professional Services team provides analytical and engineering services that leverage modeling and simulation and other advanced technologies to develop innovative solutions to our clients' most complex challenges. CAE Professional Services offers clients a range of services and subject matter expertise, including human factors and human system integration, capability based planning, advanced synthetic environments, system and software engineering for Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance ("C4ISR") and electronic warfare systems, training systems and services, integrated information environments, and in-service support for fleet operations and maintenance.

## **2.8 Specialized Skills and Knowledge**

CAE employs predominantly graduates in engineering and software development, as well as pilots, instructors and other flight training experts. As an industry leader, CAE is able to train our staff in the technology and software required for simulation software and equipment. Flight trainers are typically recruited from the ranks of former airline or military pilots. Recognizing that engineering talent is at the center of the company innovation capability, CAE has deployed in FY2013 an industry unique engineering career framework that will benefit the talent pipeline within the CAE engineering community.

## **2.9 Competition**

We sell our simulation equipment and training services in highly competitive markets. New entrants have emerged in recent years and the competitive environment has intensified as aerospace and defence companies position themselves to try to take greater market share by consolidating existing civil simulation companies and by developing their own internal capabilities. Most recently, Lockheed Martin and L-3 Communications have both acquired commercial aircraft simulator competitors. Most of our competitors in

the simulation and training markets are also involved in other large segments of the aerospace and defence complex beyond simulation and training. As such, several of them are larger than we are, and may have greater financial, technical, marketing, manufacturing and distribution resources. In addition, some competitors have well-established relationships with, or are important suppliers to, aircraft manufacturers, airlines and governments, which may give them an advantage when competing for projects for these organizations. In particular, we face competition from Boeing, which has pricing and other competitive advantages over us. Boeing has a licencing model for Boeing civil aircraft simulators which includes a requirement for simulator manufacturers and service training operators to pay Boeing a royalty to manufacture, update or upgrade a simulator, and to provide training services on Boeing simulators.

Certain OEMs have expressed interest in deepening their services offered to their customers for training services. OEMs have certain advantages in competing with independent training service providers. An OEM controls the pricing for the data, parts and equipment packages that are often required to manufacture a simulator specific to that OEM's aircraft, which in turn is a critical capital cost for any simulation-based training service provider. Some OEMs may be in a position to demand licence royalties to permit the manufacturing of simulators based on the OEM's aircraft, and/or to permit any training on such simulators. CAE also has some advantages, including being a simulator manufacturer, sometimes being able to replicate aircraft without data, parts and equipment packages from an OEM, and owning a diversified training network that includes joint ventures with large airline operators which are aircraft customers for some OEMs. We work with some OEMs on business opportunities related to equipment and training services.

Periods of economic recession or credit constraints for civil market products lead to heightened competition for each available civil aircraft simulator sale. This in turn leads to a reduction in profit on sales won during that period. Should such conditions occur, we could experience further price and margin erosion.

The markets in which we sell our products are highly competitive. Certain competitors are also CAE's customers, partners and suppliers on specific programs. The extent of competition for any single project generally varies according to the complexity of the product and the dollar amount of the anticipated award. We believe that we compete on the basis of:

- Quality, performance and flexibility of our products and services;
- Reputation for prompt and responsive contract performance;
- Accumulated technical knowledge, intellectual property and expertise;
- Strong after sales support;
- Flexibility of product/service offerings being susceptible to tailor-made customer solutions;
- Breadth of product line; and
- Price.

CAE's future success will depend in large part upon our ability to improve existing product lines, develop new products and technologies in the same or related fields, improve delivery intervals and reduce the costs we incur in producing our products and services.

CAE's major competitors in the military simulation and training market include Lockheed Martin, L-3 Communications Link Simulation and Training, Thales, Boeing, Rockwell Collins, Indra Systems, BAE Systems, Flight Safety International, SAIC, Raytheon, General Dynamics, Cubic, Elbit, Eurocopter, AgustaWestland and Rheinmetall Defence Electronics. Some of these competitors are predominantly local (one country or region) competitors. CAE sometimes partners with these and other competitors to cooperate on program contracts.

CAE's major competitors in the civil simulation equipment market include Rockwell Collins, Lockheed Martin, Flight Safety International, L-3 Communications Link Simulation and Training, and smaller players such as Mechtronix Systems, Opinius and Indra. Some of these competitors are low-cost providers with a limited product portfolio which only addresses a subset of the overall market, while others offer a broader product portfolio. CAE's major competitors in civil pilot training include Flight Safety International, Boeing Training and Flight Services, Lufthansa Flight Training and PanAm International Flight Academy.

## **2.10 Components**

CAE deals with a variety of goods and services suppliers across our business segments. Although we are not overly dependent on any single supplier for any key manufacturing components or services, CAE's products contain sophisticated computer systems that run on software and operating systems supplied to us by third parties. Such computer systems and software may not always be available to CAE to license or purchase.

The production of CAE simulators is often dependent upon receipt by CAE of data, including confidential or proprietary data, concerning the functions, design and performance characteristics of a product or system, the performance of which CAE's simulator is intended to simulate. CAE cannot guarantee that we will be able to obtain such data on reasonable terms, or at all. Original manufacturers of these products and systems could object to the simulation by CAE of components of, or the totality of their products or systems, or could request high license fees that could negatively impact CAE's profit margins.

Most of the raw materials used in manufacturing (such as sheet metal, wires, cables and electronic integrated circuits) are available off the shelf from multiple commercial sources. The unique parts are the aircraft parts. These are usually available from aircraft manufacturers, the resale market, decommissioned or surplus aircrafts as well as through simulated part manufacturers.

The availability of most parts in a timely manner facilitates a relatively smooth production flow. Aircraft parts, in some instances, may be an exception, especially on new/prototype aircraft types or those out of production. The timely delivery of these parts is often the responsibility of CAE's customers. CAE's contracts normally link these aircraft parts delivery dates to the simulator delivery schedules. In cases where such aircraft parts cannot be made available, CAE's customers rely on CAE's ability to make simulated parts.

## **2.11 Intangible Properties**

We rely in part on trade secrets and contractual restrictions, such as confidentiality agreements and licenses, to establish and protect our proprietary rights. These may not be effective in preventing a misuse of our technology or in deterring others from developing similar technologies. We may be limited in our ability to acquire or enforce our intellectual property rights in some countries.

### **Intellectual property**

Our products contain sophisticated software and computer systems that are supplied to us by third parties. These may not always be available to us. Our production of simulators often depends on receiving confidential or proprietary data on the functions, design and performance of a product or system that our simulators are intended to simulate. We may not be able to obtain this data on reasonable terms, or at all.

Infringement claims could be brought against us or against our customers. We may not be successful in defending these claims and we may not be able to develop processes that do not infringe on the rights of third parties, or obtain licenses on terms that are commercially acceptable, if at all.

Litigation related to our intellectual property rights could be lengthy and costly and could negatively affect our operations or financial results, whether or not we are successful in defending a claim.

CAE owns certain patents and has filed applications in respect of additional patents. CAE enters into agreements containing non-disclosure and confidentiality clauses with third parties and has similar provisions in place with our employees to protect our proprietary information and trade secrets. CAE also has internal policies concerning both ethics and intellectual property which guide our employees in their dealings with CAE's intellectual property and that of third parties.

Given the lengthy delay in obtaining patents (during which some technology may evolve into newer generations), the required detailed patent application disclosure which may permit competitors to reverse-engineer an invention, and the cost of maintaining and defending patents, CAE believes that certain intellectual property is adequately protected by either maintaining it as a trade secret or selectively disclosing enough of it to forestall anyone else from subsequently claiming it as their own original innovation.

CAE's agreements with Industry Canada and IQ restrict, in some cases, CAE's ability to license (other than to customers) or transfer ownership of intellectual property developed with the program's support until all funding has been repaid or consent has been obtained.

Given CAE's many decades of success in the field of aviation simulation, CAE believes that the CAE brand and some of our trademarked products have value in the markets we address.

## **2.12 Cycles**

The SP/M and TS/M segments sell to government customers such that there is no evident cycle to the intake of orders, but such order levels may vary significantly from quarter to quarter because of the irregular timing of government orders.

The SP/C segment's equipment sales to airlines are affected by the cycles of expansion and contraction of the entire commercial airline industry, as well as the availability of credit and general economic conditions.

The TS/C segment's flight training services do experience an element of seasonality; in times of peak travel (holiday periods, etc.) airline and business jet pilots are often too busy flying aircraft to attend training sessions. TS/C is also affected by the longer wave cycles of the commercial airline industry, though not to the same degree as SP/C.

The Mining segment is primarily tied to operational budgets of mining companies but can be subject to the cyclical nature of the mining industry's commodity prices, given its link to general economic conditions. Seasonality is not a major factor other than the normal budgeting cycles. Healthcare is subject to the irregular timing of government/military orders.

### **2.13 Environmental Liabilities**

We use, generate, store, handle and dispose of hazardous materials at our operations, and used to at some of our discontinued or sold operations. Past operators at some of our sites also carried out these activities.

New laws and regulations, stricter enforcement of existing laws and regulations, the discovery of previously unknown contamination, new clean-up requirements or claims on environmental indemnities we have given may result in us having to incur substantial costs. This could have a materially negative effect on our financial condition and results of operations.

We have made provisions for claims we know about and remediation we expect will be required, but there is a risk that our provisions are not sufficient.

In addition, our discontinued operations are largely uninsured against such claims, so an unexpectedly large environmental claim against a discontinued operation could reduce our profitability in the future.

CAE believes our current operations are in compliance in all material respects with environmental laws and regulations. Environmental protection requirements do not have material financial or operational effects on CAE's capital expenditures, earnings or competitive position.

CAE operations include, and past operations and those of some past operators at some of CAE's sites have included, the use, generation, storage, handling and disposal of hazardous materials which are subject to health and safety and environmental laws and regulations in the various countries in which CAE operates or has operated.

### **2.14 Employees**

CAE strives to have practices in place that drive employee development and engagement through employee communications, processes such as Kaizen and its Annual Leadership Development Process ("ALDP"). The company invests in its employees through technical and leadership training, as well as developmental career moves.

CAE employs approximately 7,686 employees; of these 1352 are unionized and covered by 30 different collective agreements all over the world. The Company maintains constructive relationships with its unions, and strives to achieve mutually beneficial relationships while maintaining cost competitiveness. CAE's most significant collective agreement is with the Communications, Energy and Paperworks Union of Canada at its Montreal site covering 577 employees, with an expiry date of June 19, 2013. Both parties are working diligently to negotiate the renewal of the latter collective agreement to achieve a result that meets the needs of both the employees and CAE.

### **2.15 Foreign Operations**

For the fiscal year ended March 31, 2013, sales to customers outside Canada accounted for nearly 90% of CAE's revenue such that CAE is very dependent upon foreign sales and operations. CAE expects that sales outside Canada will continue to account for most of its revenue for the foreseeable future.

CAE's physical presence in countries such as the U.S., Germany, Australia, India, Singapore and the U.K. has enabled us to develop strong relationships and a good reputation with governments and other defence contractors who are important decision makers regarding defence contracts.

As a result, CAE is subject to risks of doing business internationally, including:

- Currency fluctuations;
- Changes to regulatory requirements;
- Changes to domestic and foreign government policies, including requirements to spend a portion of program funds locally and governmental industrial cooperation requirements;

- The complexity and necessity of using foreign representatives and consultants;
- Imposition of tariffs or embargoes, export controls, including U.S., Canadian and foreign arms export controls, currency exchange controls and restrictions, and other trade restrictions affecting countries in which CAE sells our products or services;
- The challenge of managing and operating an enterprise spread over various countries;
- Compliance with a variety of foreign laws; and
- General economic and geopolitical conditions, including international hostilities, inflation, trade relationships and military and political alliances.

The impact of these factors is difficult to predict and any one or more of these factors could adversely affect CAE's operations in the future.

### 3. DESCRIPTION OF THE BUSINESS SEGMENTS

#### 3.1 Simulation Products/Civil ("SP/C")

*Designs, manufactures and supplies civil flight simulation training devices and visual systems*

We are the world leader in the provision of civil flight simulation equipment, including FFSs and a comprehensive suite of integrated training procedures trainers, flight training devices and web-based e-learning tools, using the same high-fidelity Level D software as the FFSs. We have designed and manufactured more civil FFSs for major and regional commercial airlines, third-party training centres and OEMs than any other company. We have developed a wealth of experience in developing first-to-market simulators for more than 35 new types of aircraft models, and in recent years we have been developing simulators for the Airbus A350 XWB, AVIC Medium-Sized Transport, Boeing 747-8, Mitsubishi Regional Jet ("MRJ"), ATR42-600 and ATR72-600, Bombardier CSeries, Global 5000/6000, Global 7000/8000 and Learjet 85, Embraer Phenom 100 and 300, Dassault Falcon 7X and the Commercial Aircraft Corporation of China, Ltd ("COMAC") ARJ21 and C919. Leveraging our extensive worldwide network of spare parts and service teams, we also offer a full range of support and services. This includes emergency support, simulator updates and upgrades, maintenance services and simulator relocations.

CAE builds civil simulators for all categories of aircraft including those built by Airbus, Boeing, Bombardier, Cessna, Dassault, Embraer, Gulfstream, Beechcraft and Raytheon. CAE also builds simulators for civil helicopters, including AgustaWestland, Bell Helicopter, Eurocopter and Sikorsky models. Since our inception, CAE has taken orders for and delivered more than 1,000 FFSs and training devices from approximately 125 commercial airlines, aircraft manufacturers and third-party training centres in approximately 50 countries. With over 65 years of experience in designing and manufacturing FFSs and other flight training devices, CAE has established long-standing relationships with leading commercial airlines throughout the world.

CAE plans to maintain a leadership position in civil simulation systems by anticipating future customer needs through both our own training experience and trusted relationships with equipment customers, commitment to innovation and technology, product quality, reliability and efficiency, and continuing efforts to lower costs and shorten delivery cycles. CAE continues to improve on its lead-time, cost, quality and reputation for performance through operational improvements and R&D programs. SP/C is focused on substantially reducing the costs associated with manufacturing simulation equipment intended both for sale to third parties as well as for installation in CAE's own global network of training centres.

CAE's capabilities in simulation-based interactive learning, including our leading-edge CAE Simfinity™ system, also complement our traditional strength in FFSs and flight training devices ("FTD"). Combined with a growing network of training centres, this complete suite of simulation-based equipment and training products enables CAE to offer airlines and business jet operators a complete range of training solutions.

The use of flight simulators in pilot and crew training is well established within the commercial and business markets. Increased use of simulators has occurred as a result of the growth in commercial and business air travel which, in turn, has driven fleet expansion and increased demand for pilot training. Civil simulator usage has also increased due to advances in technology that enable increased realism and the significant cost savings provided by flight simulation training compared to actual flight time. The use of synthetically-generated reproductions of airport configurations and use of satellite terrain imagery incorporated into the simulation further enhance the effectiveness of simulation training. Simulators are also utilized by pilots to supplement actual flying time to maintain their certification. Today's most sophisticated civil flight simulators are rated Level D by the FAA or receive similar ratings

from regulatory authorities in other countries, indicating that a pilot can be certified to fly an aircraft type based solely on simulator training. Flight simulators also allow pilots to experience and learn emergency procedures that cannot be practiced safely aboard the actual aircraft.

Flight simulation equipment is purchased by major and regional airlines, aircraft manufacturers and independent training providers. Simulators are manufactured by a limited number of companies and are sold based on the criteria of product quality, customer support, delivery, supplier reputation, price and life cycle costs. Typical list prices for civil flight simulation equipment can range from up to US\$1 million for sophisticated procedure trainers, from US\$2 to US\$5 million for an FTD and from US\$11 to US\$20 million for an FFS, assuming that OEM-supplied data, parts and equipment are included (where OEM data, parts and equipment are supplied by CAE's customer the pricing will be significantly less).

CAE's SP/C segment continues to lead the civil market in the sale of FFSs with more than 70% market share of competed civil sales. SP/C continues to invest in technology to improve our product offering in terms of cost, schedule, performance, and additional features that enhance safety and efficiency. Over the past year, CAE's SP/C segment has continued demonstrating our industry leadership, as evidenced by:

- Continued customer selection of CAE's Augmented Engineering Environment™ is a suite of products and services including a hardware and software integration testbed that can be tailored to meet the aircraft development requirements of any OEM.
- Our introduction of the next-generation CAE Simfinity™ integrated procedures trainer ("IPT") with an enhanced virtual cockpit.
- Successful demonstration of breakthrough evidence-based training, introducing the notion of operations quality assurance in the context of simulation based training on a CAE simulator under a contract with the US Department of Defence.
- Further extension of our industry leading service and support practice with an additional long-term support agreement for simulators, including the planning of scheduled and unscheduled maintenance and technology updates.

CAE's SP/C segment total order intake in FY2013 was \$446.7 million, including the capture of 35 FFSs competed orders during the period.

### **3.2 Training & Services/Civil ("TS/C")**

*Provides business, commercial and helicopter aviation training for flight, cabin, maintenance and ground personnel and associated services*

We are the largest provider of commercial and helicopter aviation training services in the world and the second largest provider of business aviation training services. We lead the market in the high-growth emerging regions of China, India, the Middle East, South America and Southeast Asia. Through our broad global network of training centres, we serve all sectors of civil aviation including general aviation, major and regional airlines, helicopter operators and business aviation. We currently operate 227 FFSs and provide aviation training and services in training centres located in more than 25 countries around the world, including simulation-based pilot training services, crew sourcing services and ab initio training. Among our thousands of customers, we have long-term training services agreements and joint ventures with more than 20 major airlines and aircraft operators around the world. We offer a comprehensive range of training solutions and services, including curriculum development, training centre operations, pilot training, cabin crew training, aircraft maintenance technician training, e-Learning and courseware solutions, and consulting services. We are a leader in flight sciences, using flight data analysis to improve airline safety, maintenance, flight operations and training. CAE Oxford Aviation Academy is the largest ab initio flight school network in the world with 11 flight academies and a capacity for training up to 2,000 cadets annually. CAE Parc Aviation is the world's largest aviation personnel sourcing organization with more than 1,400 pilots, maintenance crew and other aviation professionals currently on assignment with airlines, aircraft OEM's and leasing company customers around the world.

CAE continues to expand our global network of strategically located training centres. CAE's customers at the commercial aviation training centres include major, low-cost and regional airlines that elect to outsource some or all of the training of their pilots and other crew members using either our training instructors or their own. CAE's training centres are also used by corporate aviation customers who tend to use third-party training centres as their primary source for simulation training.

TS/C is continually looking for ways to deliver more value to our customers throughout CAE's global network of training centres. For example, TS/C is continually developing new courseware and related training services to encourage customers to migrate from renting time on a CAE simulator (dry training) to accepting the training and curriculum provided by CAE instructors (wet training). TS/C is also continuously looking at ways to ensure we are delivering the most cost-effective and competitive training service in the

marketplace. This includes optimization of our network, which can include the sale, upgrade, relocation, retirement, or introduction of simulators.

Training services is the largest and fastest growing market segment within the flight simulation industry. The training services market consists of sales of training equipment and the provision of facilities, tools, aircraft-specific pilot and maintenance training programs and courseware. Training is provided to pilots, technicians and cabin personnel from commercial and regional airlines, business aircraft operators, and general aviation aircraft and helicopter operators. Today, approximately 40% of all training capacity around the world is owned and operated by large commercial airlines to provide training for their own pilots. Approximately 2/3 of these training facilities are located within North America and Europe. Commercial airlines also rely on independent training providers to supplement their training programs. Smaller operators have traditionally outsourced their training to independent training providers or to the aircraft manufacturers. Most aircraft manufacturers are partnering with third-party training providers in order to expand their training infrastructure across the world, while some such as Boeing have developed an in-house training division.

With the exception of fractional operators, the vast majority of business aircraft operators have very small fleets. As a result, these operators receive their entire training from aircraft manufacturers or independent training providers.

TS/C has continued to invest in training and services for pilots, aircraft maintenance technicians and cabin crew members. We have also leveraged our core competencies and now provide a wider range of training and services. CAE remains dedicated to serving all segments of aviation on a global scale, and this includes expanding our business training platforms within our five training hubs for business aircraft operators located in Europe, Middle East and the U.S. and by propelling our pilot and training services into emerging markets.

In addition to acquisitions, CAE's expanding presence in civil flight training and services has been accelerated during the last fiscal year as follows:

#### **Acquisition**

- We acquired Oxford Aviation Academy, strengthening our global leadership position in commercial aviation training and extending our offering with a complete end-to-end solution. The acquisition added seven training centres, 40 FFSs, four flight school locations, and a crew sourcing portfolio of more than 1,200 aviation personnel on assignment;
- Following the acquisition, we launched a series of integration activities with the objective of generating revenue, operating cost and capital expenditure synergies and bring OAA's operating profit level more in line with CAE's training businesses. The integration has progressed well in fiscal 2013, with \$12.7 million of segment operating income generated by OAA operations since the date of acquisition, and we are tracking to achieve the expected cost synergies once the process is complete in fiscal 2014.

#### **New programs and products**

- We were named by Bombardier Aerospace as their Authorized Training Provider ("ATP") for business jet pilot and maintenance training in Europe and as their worldwide ATP for the Global series business jets. We also announced an expansion of the Authorized Training Provider agreement, adding the Learjet 31 and Learjet 60 aircraft and deploying the Learjet 31 and Learjet 60 FFSs at CAE's training facility in Dallas, U.S.;
- We installed a new CAE-owned Airbus A320 FFS at the Airbus Training Centre in Miami, U.S., part of the Airbus-CAE Training Services Cooperation;
- We deployed an Embraer 170/190 in China within the Zhuhai Flight Training Centre to support Embraer EJet deliveries in the region and deliver entitlement training.
- We announced that we have enhanced pilot training for helicopter operators serving the oil and gas market, customizing aircraft training curricula for offshore operations.

#### **Expansions**

- In commercial aviation training, we inaugurated the Philippine Academy for Aviation Training in the Philippines, with our joint venture partner Cebu Pacific Air. We opened new training centres in Barcelona, Spain, with Vueling Airlines as the anchor customer and in Lima, Peru, with LAN Perú as anchor customer. We started offering Airbus A330 training in Johannesburg, South Africa, CAE's first commercial aircraft training location in Africa, with South African Airways as the anchor customer. We also launched a second training centre in Dubai, United Arab Emirates, with Fly Dubai as the anchor customer, and a second location in Sao Paulo, Brazil with LATAM as anchor customer;

- In business aviation, we announced a new training location in Shanghai, China, to deliver Gulfstream G450 and G550 pilot training and announced that CAE is the first independent training provider to be qualified as a Civil Aviation Administration of China (“CAAC”) approved training organization for Dassault Falcon maintenance training. We also inaugurated pilot and maintenance technician training programs in Melbourne, Australia for the Hawker Beechcraft King Air 350 aircraft with ProLine 21 avionics and we launched, as part of Embraer-CAE Training Services (“ECTS”), Phenom aircraft pilot and maintenance technician training in São Paulo, Brazil;
- We inaugurated our first civil helicopter training program in China at the Zhuhai Flight Training Centre with our joint venture partner China Southern Airlines and introduced helicopter training capabilities in Sao Paolo, Brazil.

### **3.3 SP/C and TS/C Market Trends and Outlook**

In commercial aviation, aircraft capacity and passenger traffic growth are primarily driven by gross domestic product (“GDP”). The aerospace industry’s widely held expectation is that long-term average growth for air travel will be approximately 5% annually over the next two decades. Growth rates in certain established markets like Europe have been tempered by economic recession, while growth in emerging markets has been outpacing this global average growth rate. In the U.S., airlines are in the process of renewing their aircraft fleets to modern, efficient aircraft. Taken together, the continued growth in air travel and re-fleeting requirements have led to high commercial aircraft backlogs and OEM production rates and to the announcement of new aircraft programs.

In the business and helicopter aviation sector, demand for air travel is primarily driven by corporate profitability and general economic conditions. According to the U.S. Federal Aviation Administration (“FAA”), the number of business jet flights has remained stable in the past 12 months. The industry remains cautiously optimistic of further recovery and long-term growth in business aircraft travel, and consistent with this view, major business aircraft OEMs such as Bombardier, Cessna, Dassault and Gulfstream have announced new aircraft programs.

In the SP/C segment, the level of market activity remained strong in fiscal 2013 with 35 FFS unit sales.

The following secular trends continue to form the basis of our Civil market investment hypothesis:

- Expected long-term growth in air travel;
- Demand in emerging markets arising from secular growth and a need for infrastructure to support air travel;
- Aircraft backlogs and delivery rates;
- More efficient and technologically advanced aircraft platforms;
- Long-term demand and shortage of trained aviation professionals (pilots, maintenance, cabin crew).

#### **Expected long-term growth in air travel**

In calendar 2012, global passenger traffic increased by 5.3% compared to calendar 2011. For the first three months of calendar 2013, passenger traffic increased by 4.2% compared to the first three months of calendar 2012. For the same period, emerging markets outperformed with passenger traffic in the Middle East growing at 12.9%, Latin America and Asia/Pacific growing at 5.7% and 5.3%, respectively, while Europe remained stable. The global average growth rate in passenger traffic in the last calendar year has remained healthy, albeit somewhat lower in the latter half of the year, due mainly to more modest growth in Europe and North America. Over the past 20 years, air travel has grown at an average rate of 4.8% and this average is expected to continue over the next 20 years. Possible impediments to steady growth progression in air travel include major disruptions such as regional political instability, acts of terrorism, pandemics, natural disasters, sharp and sustained increases in fuel costs, major prolonged economic recessions or other major world events.

#### **Demand in emerging markets arising from secular growth and a need for infrastructure to support air travel**

Emerging markets such as China, Eastern Europe, the Indian sub-continent, the Middle East, South America and Southeast Asia are expected to continue experiencing higher air traffic and economic growth over the long term than mature markets such as North America and Western Europe. We expect these markets to drive the long-term demand for the broad array of products and services solutions that we bring to bear. We have been active in these high-growth emerging markets for several decades and are positioned as the market leader with well-established operations, strategic partnerships or joint ventures in each of these regions.

## **Aircraft backlogs and delivery rates**

Commercial aircraft OEMs continue to work through record backlog levels of over 11,000 aircraft. Our civil business relies mainly on the already in-service fleet to drive demand as approximately two-thirds of our revenue is generated from training and services in support of the global fleet. Our product sales are driven mainly by aircraft deliveries coming off of OEMs' production lines. U.S. legacy airlines have been taking steps to renew their aging aircraft fleets as seen through recent orders from United/Continental Airlines and American Airlines. European airlines such as Turkish Airlines, Lufthansa and Ryanair have also placed large aircraft orders. Low-cost carriers such as Norwegian Air Shuttle in Europe and AirAsia and Lion Air in Asia have placed fleet growth orders with OEMs. We expect the continued high rate of aircraft deliveries to translate into continued high demand for training products and incremental demand for services.

## **More efficient and technologically advanced aircraft platforms**

More efficient and technologically advanced aircraft platforms will drive the demand for new types of simulators and training programs. One of our strategic priorities is to partner with manufacturers to take an early position on these future programs. In recent years, we have signed contracts with Bombardier for the CSeries aircraft and the Global 7000/8000 aircraft, with ATR for the ATR42/72-600 aircraft, with Mitsubishi Aircraft Corporation for the MRJ aircraft, with Airbus for the A350 XWB aircraft, with AVIC for the Medium-Sized Transport aircraft and COMAC for C919 aircraft. These contracts allow us to leverage our modeling, simulation and training expertise to deliver training solutions, including CAE 7000 Series FFS, CAE Simfinity™ procedures trainers, comprehensive training programs and expansion of our network to meet airlines' training needs. The demand for new and more efficient platforms is driven by better operational flexibility, reduced maintenance cost, reduced fuel costs and improved emissions and environmental footprints. Airlines are actively seeking ways to reduce fuel costs and the operational risk against further fuel cost fluctuations, as well as ways to obtain benefits offered by new generation aircraft and propulsion technologies. Deliveries of new-model aircraft are subject to program delays, which in turn affect the timing of FFS orders and deliveries.

## **Business jet operators demand high performance aircraft**

Business aircraft OEMs have announced plans to introduce, or have already introduced, a variety of new aircraft models incorporating the latest technologies to enhance performance and operator benefits such as range, speed, comfort and the accessibility of business air travel. Some examples include the Bombardier Learjet 70, 75 and 85, the Global 7000/8000, Embraer's Legacy Series and Lineage 1000, Gulfstream's G650 and Cessna's Citation M2, Latitude and Longitude.

## **Long-term demand and shortage of trained aviation professionals (pilots, maintenance, cabin crew)**

*Worldwide demand is expected to increase over the long term*

Growth in the civil aviation market has driven the demand for pilots, maintenance technicians and cabin crew worldwide, resulting in a shortage of qualified professionals in several markets, notably the faster growing emerging markets. Pilot supply constraints include aging crew demographics, fewer military pilots transferring to civil airlines and low enrolment in technical schools.

*New pilot certification processes require more simulation-based training*

Simulation-based pilot certification training is beginning to take on an even greater role internationally with the Multi-crew Pilot License ("MPL"), and with stall and upset prevention and recovery training. The International Civil Aviation Organization ("ICAO") and various national and regional aviation regulatory agencies have published new regulatory requirements, standards and guidance on these topics.

MPL is an alternative training and licensing methodology which places more emphasis on simulation-based training to develop ab initio students into First Officers of airliners in a specific airline environment. Today, there are approximately 50 nations that now have MPL regulations in place and over 15 of these nations already use these regulations with training providers and airlines. CAE has MPL programs in Asia and in Europe that are being used by certain airlines. Globally for our industry, MPL is producing promising results and hundreds of MPL graduates are now flying successfully with their airline. As the MPL methodology continues to gain momentum, it will continue to result in increased use of simulation-based training.

Finally, proposed Airline Transport Pilot License ("ATPL") requirements in the U.S. also call for more simulation-based training that includes specialized training in simulators for adverse weather, high altitude stalls and upset prevention and recovery. These requirements are expected to be formalized in August 2013.

### 3.4 Simulation Products/Military (“SP/M”)

*Designs, manufactures and supplies advanced military training equipment and software tools for air forces, armies and navies*

We are a world leader in the design and production of military flight simulation equipment. We offer solutions to help maintain and enhance our customers' safety, efficiency, mission readiness and decision-making capabilities. We develop simulation equipment, training systems and software tools for a variety of military aircraft, including fast jets, helicopters, trainer aircraft, maritime patrol and tanker/transport aircraft. We also offer simulation-based solutions for land and naval forces, including a range of driver, gunnery and maintenance trainers for tanks and armoured fighting vehicles (“**AFVs**”) as well as naval command team trainers and wargaming software. We have delivered simulation products and training systems to more than 50 defence operators in approximately 35 countries.

We offer the industry's most comprehensive range of simulation products related to flight simulation. From desktop trainers to the highest fidelity full-mission simulators, we offer a broad portfolio of simulation products. We have designed simulators for the greatest variety of helicopters, and are a recognized leader in developing simulators and training systems for transports, tankers, maritime patrol aircraft, lead-in fighter trainers, and combat aircraft. The company is recognized around the world as the leader in developing simulators for the legendary C-130 Hercules aircraft, including all the latest C-130J variants. We are currently developing training systems for military aircraft such as the MH-60S/R, CH-47, NH90, S-70, C-130, C-295, A400M, C-5, KC-135, A330 Multi-Role Tanker Transport, P-8A, P-3C, M-346, Hawk, Eurofighter, PC-7 and T-6/AT-6 for global military customers. We have developed the CAE UAS Mission Trainer to provide an open, integrated UAS mission training capability for individual and team training with the ability to link to distributed mission operations.

Our simulation and training experience extends well beyond the air domain. For decades, CAE has provided a range of products and services related to training ground forces, including solutions for direct and indirect fire, close air support, forward observation, driver training and crew gunnery training. CAE's command and staff training systems, such as the CAE GESI constructive simulation system, is used extensively by armies to help develop the decision-making abilities of commanders in C4ISR environments. We are also responsible for the design, manufacture and delivery of full-scale, high-fidelity maintenance trainers as well as virtual desktop trainers for a range of variants of the Bradley Fighting Vehicle, Abrams tanks, and the High Mobility Artillery Rocket System (“**HIMARS**”) for the U.S. Army. In addition, we provide simulation-based solutions for naval forces, including tactical and wargaming software systems to facilitate the conduct of realistic naval operations training.

During FY2013, CAE has experienced numerous successes in the SP/M segment, including the following:

- We launched the CAE UAS Mission Trainer, which combines an open architecture with commercial off-the-shelf hardware and simulation software to provide a comprehensive, platform-agnostic training system for UAS pilots, sensor operators and mission commanders;
- We won contracts from the U.S. Navy under the foreign military sale program to design and manufacture two MH-60R tactical operational flight trainers and an MH-60R avionics maintenance trainer/weapons load trainer for the Royal Australian Navy;
- We won a contract from Elbit Systems to design and manufacture segments of a suite of Alenia Aermacchi M-346 simulators to support the Israeli Air Force future trainer aircraft program;
- We won contracts under the U.S. foreign military sale program to design and manufacture a KC-130J full-mission simulator as well as construct a new training facility for the Kuwait Air Force;
- We won a contract from a major OEM to provide a suite of fixed wing Advanced Jet Trainer (“**AJT**”) aircraft simulators and training devices as part of an overall solution to meet the future aircrew training requirements of an undisclosed Middle East customer;
- We won a contract from Airbus Military to design and manufacture a C-295 full-mission simulator for the Royal Air Force of Oman;
- A CAE 3000 Series AW139 full-flight simulator for Rotorsim was certified to Level D, the highest qualification for flight simulators.

CAE remains committed to introducing new simulation products that enhance our reputation as a technology leader. A strategic priority for CAE is to continue to bring innovative products and simulation-based solutions to market. For example, the CAE-developed Common Data Base (“**CDB**”), originally developed for the United States Special Operations Command, has now been adopted by defence forces including the German Army, Turkish Air Force and Royal Canadian Air Force. The bottom line result is

that with the CDB, the creation, modification and correlation of run-time databases is much faster, which makes using simulation for mission rehearsal exercises a real possibility. With the CDB as the foundation, during FY2013 we introduced the CAE Dynamic Synthetic Environment which will allow military users to extend the use of simulation and rehearse for missions in real-time, ultimately helping military forces prepare more cost-effectively and leave less room for surprise outcomes.

Presagis, part of the SP/M segment, is a global leader providing commercial-off-the-shelf (“**COTS**”) modeling, simulation and embedded graphics solutions to the aerospace and defence markets, and is the only developer to deliver a unified COTS software portfolio based on open-standards. Presagis combines cutting-edge technology with innovative services to help customers streamline workflow, reduce project risks, create detailed models and complex simulations, in addition to developing DO-178B certifiable applications.

The military simulation equipment market is driven in part by the introduction of new aircraft platforms, upgrades and life extensions to existing aircraft and a shift to greater use of simulation in pilot training programs due to the high degree of realism and the significantly lower cost compared to live training. CAE expects to improve our lead-time, cost, quality and reputation for performance through continued operational improvements and R&D programs.

Military forces increasingly rely on sophisticated and interrelated weapons systems and equipment, computer systems, visual systems and other advanced technologies to operate in a broadening range of conditions and scenarios. Achieving a high state of operational readiness is a constant goal and challenge for militaries. Simulators enable military organizations to achieve their training and mission rehearsal goals while minimizing the physical use of expensive systems and equipment. In addition, the use of simulators helps to avoid injuries to personnel and the loss of equipment due to training accidents. Simulators allow for the training of tasks and missions that cannot be practiced in the real world.

Flight simulators are used to train pilots to operate a variety of military aircraft including fighter jets, helicopters, transports, tankers and maritime patrol aircraft. Flight simulators permit the crews of military aircraft to coordinate and improve their combat skills in a safe, cost-effective and realistic range of environments. The U.S. Air Force estimates that one hour in a simulator costs less than six minutes in an actual aircraft. The simulators enable pilots to realistically practice both offensive and defensive tactics, such as firing aircraft weapons systems and avoiding attack from enemy surface and air threats. The immersive environment provided by simulators allows pilots to train for highly demanding maneuvers and life threatening scenarios, such as rotor failure, missile impact or the effects of exceptional turbulence.

Simulators for land systems provide similar advantages. With the increasing complexity of land systems equipment, including integrated C4ISR and sophisticated weapon systems, combined with defence forces facing budget pressures, there is a growing tendency toward an increased use of synthetic training for tanks and armoured fighting vehicles. This helps save wear and tear on the vehicle, reduces live firing and track miles, and allows militaries to devote systems to operational requirements.

### **3.5 Training & Services/Military (“TS/M”)**

*Supplies turnkey training services, support services, systems maintenance and integrated enterprise solutions*

We provide turnkey training services, training systems integration expertise and training support services to global defence forces. We also provide a range of training support services such as contractor logistics support, maintenance services, classroom instruction and simulator training in over 80 sites around the world, a variety of modeling and simulation-based integrated enterprise solutions, and a range of in-service support solutions such as systems engineering and lifecycle management.

We are a fully capable training systems integrator with the ability to offer governments, defence forces and original equipment manufacturers (“**OEM**”)s across air, land and sea a comprehensive range of innovative training solutions designed to cost-effectively meet specific training requirements. We are flexible and have a wealth of experience operating and delivering training services across different business models, including government-owned, government-operated; government-owned, contractor-operated; or contractor-owned, contractor-operated facilities. Our offerings include training needs analysis, instructional systems design, learning management information systems, purpose-built facilities, state-of-the-art synthetic training equipment, curriculum and courseware development, classroom and simulator instruction, maintenance and logistics support, lifecycle support and technology insertion, and financing alternatives.

Examples of our TS/M programs include the Medium Support Helicopter Aircrew Training Facility (“**MSHATF**”) at Royal Air Force (“**RAF**”) Benson in the U.K., the Operational Training Systems Provider (“**OTSP**”) program for the Canadian Forces, the KC-30A multi role tanker transport program for the RAAF, and the KC-135 Aircrew Training System for the United States Air Force (“**USAF**”) at 13

U.S. and international bases. We also provide a range of training support services such as contractor logistics support, maintenance services and simulator training at over 80 sites around the world.

Our Integrated Enterprise Solutions group is a market-leading consulting and engineering services organization that leverages modeling and simulation technologies and expertise to develop software-based solutions for decision support and training in complex environments. Our IES group combines products and software tools and service delivery capabilities into a comprehensive, integrated solutions offering to help customers improve operational efficiency, develop and maintain mission critical systems, and provide software-based decision support and training solutions. IES helps provide the guidance, expertise, products and engineering services required to help customers operate in critical and highly complex environments. We also provide systems integration, systems engineering and in-service support for operational platforms. We have a wealth of experience providing engineering information environments, fleet management services, lifecycle and integrated logistics, and other support services designed to efficiently and cost-effectively operate and maintain operational weapon systems.

During FY2013 CAE experienced numerous successes in the TS/M segment, including the following:

- A contract from L-3 Communications MAS to continue providing a range of in-service support solutions, such as avionics software upgrades and integrated logistics support, for the Canadian Forces CF-18 aircraft;
- A contract from the Australian Defence Force to continue providing training support services for the Royal Australian Air Force ("RAAF") C-130H and C-130J training systems at RAAF Base Richmond;
- A long-term contract with an Asian military customer to provide training services for helicopter and fixed-wing aircraft;
- A contract option exercised by the United States Air Force for the third year of aircrew training services on the KC-135 ATS Program as well as the addition of providing maintenance support services for new KC-135 boom operator weapon systems trainers;
- A contract from BAE Systems to provide maintenance and support services for India's Hawk synthetic training equipment;
- A contract with the Australian Defence Force to provide Beechcraft King Air 350 training;
- An order from the U.K. Ministry of Defence to continue providing Puma helicopter training services at the MSHATF;

The TS/M group experiences fairly steady business revenue from our long-term training services and support services contracts.

Given finite defence budgets and resources, governments and defence forces are increasingly scrutinizing their expenditures. Outsourced or privatized training service delivery has demonstrated benefits such as cost-effectiveness, accelerated training delivery and allowing uniformed military personnel to focus on operational commitments. CAE continues to see a growing willingness from defence forces to use synthetic training to meet more and more of their training requirements, as well as increasing demand to use simulation for mission rehearsal. While synthetic training will never completely replace live combat training, TS/M sees more militaries increasing the number of synthetic training hours as a complement to live training.

Governments show an ever-increasing interest in the efficiencies and service enhancement potential of outsourcing aspects of their military training and support services to the private sector. The openness of national markets to international entrants is always an issue, particularly in the sensitive field of national security. However, many countries have outsourced military training and support services and have permitted foreign-controlled entities to deliver such services. The multinational approach adopted by some governments to equipment development and procurement has facilitated this evolution in the market for military services.

The industry has responded to this trend by adapting to a greater degree of cooperation in product and service development and provisioning. However, competition remains very vibrant, subject to national security constraints in certain markets.

Traditionally, modeling and simulation has been used to support training. This specific application is well understood and employed by militaries and civilian agencies around the world. CAE also sees significant growth in taking the simulation out of the simulator and applying simulation across the program lifecycle, including support for analysis and operations. To address these market opportunities, CAE has a Professional Services business unit. The same modeling and simulation approaches and technologies can be used to support analysis, training, and operations. For example, synthetic environments can be developed to support research and development programs and be re-used and refined throughout the program lifecycle, supporting system design and testing, creating the training environments to prepare personnel to use those new systems, and providing the decision support tools necessary to support mission planning in operations.

### 3.6 SP/M and TS/M Market Trends and Outlook

Government procurement delays continue to impact the timing of defence contract awards and our ability to grow revenue and income in the short term. U.S. budget sequestration took effect in March 2013, further exacerbating the already slow process as the required budget cuts are implemented. Despite budget challenges in some markets, we continue to bid on a solid pipeline of global opportunities and expect to continue winning our fair share of new business. In Europe, force structure reductions and reduced future investment plans have narrowed the pipeline of new opportunities. However, we maintain a portfolio of recurring business for which we have sized our operations. While the United States and Europe are challenging markets, we are seeing increased opportunities originating from regions with growing defence budgets, like Asia and the Middle East where we have an established and growing presence. During fiscal 2013, approximately 35 percent of our new orders came from these regions. In addition, there are encouraging signs for our market specialization and we are confident that the use of simulation-based training will continue to increase in the future. Specifically, the U.S. Government Accountability Office has reported that the U.S. Navy and U.S. Air Force plan to increase the percentage of simulation-based training for its personnel by 2020.

The following trends continue to drive the use of our simulation products and service in defence as well as near adjacencies such as homeland security:

- Explicit desire of governments and defence forces to increase the use of modeling and simulation;
- Relationships with OEMs as their simulation and training partner of choice;
- Use of modeling and simulation for analysis and decision support;
- Attractiveness of outsourcing of training and maintenance services;
- Need for synthetic training to conduct mission rehearsal, including joint and coalition forces training.

#### ***Explicit desire of governments and defence forces to increase the use of modeling and simulation***

More defence forces and governments are adopting simulation in training programs because it improves training effectiveness, significantly lowers costs, reduces operational demands on aircraft that are being depreciated faster than originally planned, and lowers risk compared to operating actual weapon system platforms. Using a simulator for training also reduces actual aircraft flying hours and allows training for situations where an actual aircraft and/or its crew and passengers would be at risk. The U.S. Air Force, which is the U.S. government's largest user of energy, estimates that its fuel costs have risen more than 225 percent over the past decade. The escalating cost of fuel is one factor prompting a greater adoption of simulation-based training. Unlike civil aviation where the use of simulators for training is common practice, there are no regulatory requirements to train in simulators in the military, and the nature of mission-focused training demands at least some live training.

We have begun to see militaries plan for the increased use of simulation as part of the overall training curriculum. For example, the U.S. Navy reports the share of simulation-based training on some specific U.S. Navy platforms could rise close to 50% by 2020 and the U.S. Air Force is performing significant upgrades to its fleet of KC-135 operational flight trainers, as well as acquiring new KC-135 boom operator weapon systems trainers. The intent is to increase the amount of synthetic training done by KC-135 tanker aircrews to help lower overall costs, extend the operational life of aircraft, and focus use of aircraft on operational requirements. The cost of fuel, detrimental environmental impacts, and significant wear and tear on weapon systems and aircraft all point to greater use of simulation and synthetic training. Because of the cost associated with conducting live training exercises, most militaries expect to rebalance the mix of live, virtual and constructive (computer-based) training and shift more of the training curriculum to home station virtual and constructive simulation. For example, the U.S. Army is planning to reduce the use of live training ranges and transfer some of this training to virtual and constructive simulation to reduce costs. This will ultimately create opportunities for training devices and training services. We view CAE as being part of the solution to achieving lower training costs while maintaining or improving readiness.

#### ***Relationships with OEMs as their simulation and training partner of choice***

We partner with manufacturers in the defence market to strengthen relationships and position for future opportunities. OEMs have introduced new platforms and continue to upgrade and extend the life of existing platforms, which drives worldwide demand for simulators and training. For example, Boeing has developed the new P-8A maritime patrol aircraft, Airbus Military has sold and continues to market both the A330 MRTT and C295 globally, Lockheed Martin is successfully marketing variants of the C-130J Hercules transport, Alenia Aermacchi and BAE Systems are selling the M-346 and Hawk lead-in fighter trainers, and AgustaWestland is continuing to develop a range of helicopters such as the AW139 and AW189. We have established relationships with each of the OEMs on these platforms.

#### ***Use of modeling and simulation for analysis and decision support***

Traditionally, modeling and simulation have been used to support training and is increasingly applied across the program lifecycle, including support for analysis and decision-making operations. We see governments and militaries looking to use simulation-based synthetic environments to support research and development programs, system design and testing, intelligence analysis, integration and exploitation, and to provide the decision support tools necessary to support mission planning in operations. As an example, we developed a National Modelling and Simulation Centre (“**NMSC**”) for the Ministry of Defence of Brunei and see further opportunities to develop integrated modeling and simulation centres to support not only defence-related initiatives, but also market segments such as emergency management, critical infrastructure, healthcare and energy.

#### ***Attractiveness of outsourcing of training and maintenance services***

Defence forces and governments continue to scrutinize expenditures to find ways to reduce costs and allow active-duty personnel to focus on operational requirements, which has an impact on defence budgets and resources. There has been a growing trend among defence forces to consider outsourcing a variety of training services and we expect this trend to continue. Governments look to industry for the delivery of training services because they often can be delivered faster and more cost effectively.

#### ***Need for synthetic training to conduct mission rehearsal, including joint and coalition forces training***

There is a growing trend among defence forces to use synthetic training to meet more of their mission training requirements. Simulation technology solutions enable defence customers to plan sophisticated missions and carry out full-mission rehearsals in a synthetic environment as a complement to traditional live training or mission preparation. Synthetic training offers militaries a cost-effective way to provide realistic training for a wide variety of scenarios while ensuring they maintain a high state of readiness. Allies are cooperating and creating joint and coalition forces, which are driving the demand for networked training and operations. Training devices that can be networked to train different crews and allow for networked training across a range of platforms are increasingly important as the desire to conduct mission rehearsal exercises in a synthetic environment increases. We are actively promoting open, standard simulation architectures, such as the CDB, as well as new capabilities such as the CAE Dynamic Synthetic Environment (“**DSE**”), to better enable mission rehearsal and joint, networked training.

### **3.7 Military Contracts**

The majority of CAE’s contract revenue in our SP/M and TS/M segments result from contracts with militaries or government bodies performed under predominantly fixed-price contracts with only a small number of cost-plus contracts.

In most instances, under government regulations, certain costs, including certain financial costs, portions of R&D costs, representation expenses, certain types of legal expenses and certain marketing expenses related to the preparation of bids and proposals, are not allowed for pricing purposes and calculation of contract reimbursement rates under flexibly-priced contracts. Governments also routinely regulate the methods under which costs are allocated to government contracts. CAE is subject to a variety of audits performed by government agencies. These include pre-award audits that are performed at the submission of a proposal to the government. The purpose of the pre-award audit is to determine the basis of the bid and provide the information required for the relevant government to effectively negotiate the contract. During the performance of a contract the government has the right to request and to examine any labor charges, any material purchase, and any overhead changes to any contract that is active. Upon a contract’s completion, the government may perform a post-award audit of all aspects of contract performance to ensure that CAE has performed in accordance with the terms of the contract.

Government contracts are generally, by their terms, subject to termination by the government either for convenience or default by the contractor. Fixed-price contracts provide for payment upon termination for items delivered to and accepted by the government and, if the termination is for convenience, for payment of fair compensation of work performed plus the costs of settling and paying claims by terminated subcontractors, other settlement expenses and a reasonable profit on the costs incurred. Cost-plus contracts generally

provide that, upon termination, the contractor is entitled to reimbursement of its allowable costs and, if the termination is for convenience, a total fee proportionate to the percentage of the work completed under the contract. If a contract termination is for default, however, typically:

- The contractor may be paid an amount agreed upon for completed and partially completed products and services accepted by the government;
- The government may not be liable for the contractor's costs with respect to unacceptable items, and may be entitled to repayment of advance payments and progress payments, if any, related to the termination portion of the contract; and
- The contractor may be liable for excess costs incurred by the government in procuring undelivered items from another source.

In addition to the right of the government to terminate, government contracts are often conditioned upon the continuing availability of appropriations. Consequently, at the outset of a major program, such contracts are usually partially funded and additional monies are normally committed to the contract by the procuring agency only as appropriations are made for future fiscal years. Failure to obtain such appropriations normally results in termination of the contract and compensation to the contractor at less than the full value of the contract.

### **3.8 New Core Markets**

#### ***Healthcare market***

Simulation-based training is becoming recognized as one of the most effective ways to prepare healthcare practitioners to care for patients and respond to critical situations while reducing the overall risk to patients. Through acquisitions and partnerships with experts in the healthcare field, we are leveraging our knowledge, experience and best practices in simulation-based aviation training to work with healthcare experts to deliver innovative education, technologies and service solutions to improve the safety and efficiency of this industry. Our objective is to offer realistic and comprehensive tools that will help students and practitioners sharpen their skills and prepare for better patient outcomes. Our offering, which integrates modeling and simulation, ranges from creating learning programs to deploying a wide range of specialty-based simulators. The healthcare simulation market is growing rapidly with simulation centres becoming the standard in nursing and medical schools, while proprietary education is now using technology and simulation to compete with public institutions.

We generate revenue in five main areas: patient simulators, surgical simulators, ultrasound simulators, learning applications/courseware and centre management systems. Our patient simulators offer a high level of believability and life-like responses and teach students and healthcare practitioners to intervene quickly in trauma scenarios with appropriate clinical measures. Our surgical simulators incorporate haptic technology designed to allow students and practitioners to practice and acquire skills to perform minimally invasive procedures, including bronchoscopies, endoscopies and cardiac valve replacements. Our ultrasound solutions utilize e-learning, ultrasound training models, mannequins and real time 3D animated display that allow students and practitioners to become familiar with diagnostic bedside ultrasound. Our simulation learning applications, such as our learning modules, e-learning and mobile applications provide simulation tools which can be embedded within hospital work environments or large teaching institutions, which maximize time available for student-learning through remote delivery of content and allows for self-guided learning experiences and assessment. Our medical simulation centre solutions are designed to simplify the operations behind managing complex simulation, assessment, recording and debriefing and student learning.

CAE Healthcare is a leader in simulation-based technology for healthcare with more than 8,000 deliveries of patient, imaging and surgical simulators in medical schools, nursing schools, hospitals, defence forces and other entities. CAE Healthcare now has offices located in Canada, the U.S., Hungary and Germany and has over 300 employees that work with a team of 50 clinical educators and a network of 45 distributors in 60 countries.

#### ***Market trends and outlook***

The Healthcare simulation-based market is focused mainly on education, consisting of the operation, maintenance and procurement of all types of simulation technology, and is estimated upwards of \$850 million. Of that, the largest share of the market is represented by the human patient simulation market, which is expected to grow in the double-digit range over the next several years, driven by the need for greater patient safety and better efficiency and effectiveness of healthcare education using simulation technology. Our vision is for CAE Healthcare to lead broad adoption of simulation-based training solutions for healthcare practitioners, improve patient safety, reduce overall training cost, and ultimately save more lives.

Medical simulation allows students and practitioners to practice procedures in an environment where errors do not result in unwanted circumstances. Medical errors result in 50,000 to 100,000 fatalities per year in the U.S. alone, according to the Institute of Medicine's ("IOM") published report, "To Err is Human: Building a Safer Health System". Medical simulators can help to reduce procedural errors by working to fundamentally change the competency assessment and training of healthcare practitioners, just as flight simulators revolutionized pilot certification and training decades ago. In addition to the 850,000 active physicians and 67,000 medical students, there are approximately 3 million nurses and 250,000 nursing students in the U.S. and 8.8 million physicians and 14.5 million nurses worldwide.

The demand for our products and services is driven by the:

- Use of patient simulators;
- Increased adoption of minimally-invasive surgery;
- Advances in imaging technology applications in healthcare;
- Increasing healthcare costs;
- Service provider shortages.

#### *Use of patient simulators*

Patient simulators are the most commonly used simulators in the healthcare education and training markets. Patient simulators have been designed and developed to support a variety of applications in the education and training of practitioners. Human patient simulation provides an opportunity to reduce medical errors and their severity while improving patient care by enabling tailored clinical learning experiences to provide opportunities to train for high-risk, low-frequency events.

Human patient simulation can also provide practitioners with an opportunity to practice care for a simulated patient with acute problems, such as airway obstruction or cardiac arrest, hemorrhage, shock, or various other common emergent situations. Using simulators, healthcare team members can work through each clinical situation by assessing the presenting symptoms, providing appropriate interventions, and managing the simulator's response to the various treatments.

#### *Increased adoption of minimally-invasive surgery*

Minimally-invasive surgery ("MIS") is accomplished through small surgical incisions, specialized surgical instruments, and endoscopic or other alternative surgical imaging. Due to the advantages of MIS, such as reduced patient trauma and shorter hospitalization periods, it has seen increased adoption and utilization in a number of previously invasive surgical procedures. Continuing advances in surgical technology and MIS techniques for a variety of procedures have established surgery as a leading driver for simulation technology training.

#### *Advances in imaging technology applications in healthcare*

Advanced imaging technology integration into healthcare industry practices has increased due to regulatory healthcare reform, the development of affordable technology-driven products and growing industry awareness of the advantages of technology implementation. Increasing patient awareness of alternative technological options in surgery and other medical procedures have also helped to pressure insurers and service providers into accepting and implementing information technologies and advanced imaging technologies. For example, bedside ultrasonography has become an invaluable tool in the management of critically ill patients. The hand-carried ultrasound ("HCU") has tremendous potential to immediately provide diagnostic information at the bedside not assessable by a physical examination alone. Provided that healthcare practitioners performing point-of-care examinations with the HCU have adequate training, the HCU has the potential to become a tremendous advantage for bedside assessment and treatment of intensive care unit ("ICU") patients.

#### *Increasing healthcare costs*

Growth and costs of primary care services are correlated to general population growth and healthcare coverage expansion. Longer life expectancy and the baby boomer generation have generated significant demand for services associated with chronic illnesses and aging populations. In addition, general consensus exists among health economists that the rise in healthcare costs and spending is principally the result of widespread adoption of medical technologies and a greater number of advanced medical services and treatments during inpatient and outpatient visits. Widespread adoption of medical technologies and a greater number of advanced medical services could ultimately translate into higher demand for training products and services. Experts have demonstrated that the

use of medical simulation improves patient outcomes and reduces error rates, which help mitigate the rate of increase in the overall cost of healthcare.

#### *Service provider shortages*

Shortages of primary care, family medicine and specialty-medicine physicians are expected to occur. Virtual medical and surgical simulators will aid in the education and training of physicians and medical professionals, by helping to relieve bottlenecks and improve the effectiveness of training. An aging population is driving an increasing need for healthcare delivery while the aging healthcare workforce is resulting in increasing turnover risk at hospitals. In the European Union, the healthcare sector forecasts a deficit of up to one million health professionals in 2020, with shortages of up to 600,000 nurses and 230,000 physicians. The U.S. Bureau of Labor Statistics projects that the number of employed nurses will grow to 3.45 million in 2020, a 26 percent increase over 2010. The growth in nursing demand combined with the need to replace aging nurses will result in up to 1.2 million nurses entering the workforce by 2020. The World Health Organization also reported that there were 57 countries with critical shortages equivalent to a global deficit of 2.4 million doctors, nurses and midwives worldwide. As students graduate and move into clinical practice, there is a growing need among hospitals for on-boarding programs that transition the new nurse to competent practitioner effectively and efficiently. Simulation is now moving from the academic setting into clinical practice as a means to provide a safe environment for clinical training.

#### *Mining market*

We have customers in over 90 countries that are currently supported by our offices in Australia, Brazil, Canada, Chile, India, Kazakhstan, Mexico, Peru, South Africa, the U.S. and the U.K. We provide products and services for open pit and underground operations to mining organizations, from large diversified miners to junior miners and consultancies.

We generate revenue by delivering products and services across the mining value chain. Our software products are used for managing exploration and geological data, mine strategy, optimization, detailed design and scheduling for all mining methods and commodities. Our technical consulting team includes over 100 experienced geologists and mining engineers, servicing client needs such as managing exploration drilling programs, mining studies, resource evaluation, on-site technical services and business improvement projects. Our CAE Terra mining equipment simulators, developed in fiscal 2012, leverage our experience in simulation to provide an unrivalled level of realism. Our simulators are integrated with a comprehensive student management system, lesson planning tools and interactive touch panel instructor station. Our training services include workforce development planning, training needs analysis, professional development in technical disciplines and the design and implementation of operator training curriculum. Our operator training courseware is designed for multiple delivery modes including self-paced e-learning, instructor-led classroom training, procedural training and scenarios delivered in our high fidelity simulators.

#### *Market trends and outlook*

Our technology and services are used by customers to increase productivity and improve safety. The factors driving demand for our technology and services are:

- Industry skills shortages;
- Health and safety priority;
- Declining grades and higher energy consumption resulting in increased cost of extraction;
- Operations management and control.

#### *Industry skills shortages*

Skill shortages in many regions are putting upward pressure on wages and project costs. Without significant increases in the number of skilled workers or the introduction of new technology to expand production with fewer workers, growth in supply will be constrained. Skill shortages will likely drive demand for additional training.

#### *Health and safety priority*

Health and safety standards continue to be an area of focus for improvement through the use of technological advances and increased skills training to create a more highly skilled and better-educated work force. Mining companies are focusing on automated equipment, remote control of operations and simulation-based training of the workforce as means to improve overall safety.

#### *Declining grades and higher energy consumption resulting in increased cost of extraction*

In the last 30 years, the average grade of ore bodies has halved, while the waste removed to access the minerals has more than doubled, resulting in higher energy use and cost of extraction. Given the volatility of mineral prices and energy costs, different approaches are needed. These will include the increased use of optimization tools, simulation and scenario analysis within the industry to maximize value and maintain the viability of current operations, while helping mining companies focus on maximizing metal recovery instead of simply maximizing throughput. We are actively involved in finding technology-based solutions for recovering metal using less energy. Our existing tools for optimization and scenario analysis help mining organizations respond to changing prices and input costs in order to maximize the potential of their existing operations.

#### *Operations management and control*

With increasing scale and complexity of operations, mining companies are seeking solutions for the real time oversight, coordination, decision-making and remote control of fixed and mobile assets. We are collaborating in global markets and providing mine operators with an opportunity to integrate our widely used mining systems with other operational management technologies.

## **4. RISK FACTORS**

We operate in several industry segments that have various risks and uncertainties. Management and the Board discuss the principal risks facing our business, particularly during the annual strategic planning and budgeting processes. The risks and uncertainties described below are risks that could materially affect our business, financial condition and results of operation. These risks are categorized as industry-related risks, risks specific to CAE and risks related to the current market environment. These are not necessarily the only risks we face; additional risks and uncertainties that are presently unknown to us or that we may currently deem immaterial may adversely affect our business.

Management attempts to mitigate risks that may affect our future performance through a process of identifying, assessing, reporting and managing risks that are significant from a corporate perspective.

### **4.1 Risks relating to the industry**

#### *4.1.1 Competition*

We sell our simulation equipment and training services in highly competitive markets. New entrants have emerged in recent years and the competitive environment has intensified as aerospace and defence companies position themselves to try to take greater market share by consolidating existing civil simulation companies and by developing their own internal capabilities. Most recently, Lockheed Martin and L-3 Communications have both acquired commercial aircraft simulator competitors. Most of our competitors in the simulation and training markets are also involved in other large segments of the aerospace and defence complex beyond simulation and training. As such, several of them are larger than we are, and may have greater financial, technical, marketing, manufacturing and distribution resources. In addition, some competitors have well-established relationships with, or are important suppliers to, aircraft manufacturers, airlines and governments, which may give them an advantage when competing for projects for these organizations. In particular, we face competition from Boeing, which has pricing and other competitive advantages over us. Boeing has a licencing model for Boeing civil aircraft simulators which includes a requirement for simulator manufacturers and service training operators to pay Boeing a royalty to manufacture, update or upgrade a simulator, and to provide training services on Boeing simulators.

Certain OEMs have expressed interest in deepening their services offered to their customers for training services. OEMs have certain advantages in competing with independent training service providers. An OEM controls the pricing for the data, parts and equipment packages that are often required to manufacture a simulator specific to that OEM's aircraft, which in turn is a critical capital cost for any simulation-based training service provider. Some OEMs may be in a position to demand licence royalties to permit the manufacturing of simulators based on the OEM's aircraft, and/or to permit any training on such simulators. CAE also has some advantages, including being a simulator manufacturer, sometimes being able to replicate aircraft without data, parts and equipment packages from an OEM, and owning a diversified training network that includes joint ventures with large airline operators which are aircraft customers for some OEMs. We work with some OEMs on business opportunities related to equipment and training services.

We obtain most of our contracts through competitive bidding processes that subject us to the risk of spending a substantial amount of time and effort on proposals for contracts that may not be awarded to us. We cannot be certain that we will continue to win contracts through competitive bidding processes at the same rate as we have in the past.

Economic growth underlies the demand for all of our products and services. Periods of economic recession, constrained credit, and or government austerity generally lead to heightened competition for each available order. This in turn typically leads to a reduction in profit on sales won during such a period. Should such conditions occur, we could experience price and margin erosion

#### 4.1.2 *Level and timing of defence spending*

A significant portion of our revenue comes from sales to military customers around the world. We are either the primary contractor or a subcontractor for various programs by Canadian, U.S., European, and other foreign governments. If funding for a government program is cut, we could lose future revenue, which could have a negative effect on our operations. When countries we have contracts with significantly lower their military spending, there could be a material negative effect on our sales and earnings. We have experienced the impact of lower military spending over the past year in some countries, such as Germany, and this has affected our revenue and profitability. We are also experiencing longer and delayed procurement processes in mature markets, such as the U.S., Canada and Europe, which impacts the timing of contract awards and results in delayed recognition of revenue.

#### 4.1.3 *Government-funded military programs*

Like most companies that supply products and services to governments, we can be audited and reviewed from time to time. Any adjustments that result from government audits and reviews may have a negative effect on our results of operations. Some costs may not be reimbursed or allowed in negotiations of fixed-price contracts. As a result, we may also be subject to a higher risk of legal actions and liabilities than companies that cater only to the private sector, which could have a materially negative effect on our operations.

#### 4.1.4 *Civil aviation industry*

A significant portion of our revenue comes from supplying equipment and training services to the civil aviation industry.

If jet fuel prices attain high levels for a sustained period, there could be a greater impetus for airlines to replace older, less fuel-efficient aircraft. However, higher fuel costs could also limit the airlines' available financial resources, and could potentially cause deliveries of new aircraft to be delayed or cancelled. Airlines may slow capacity growth or cut capacity should sustained high fuel costs make the availability of such capacity not economically viable. Such a reaction would negatively affect the demand for our training equipment and services.

Constraints in the credit market may reduce the ability of airlines and others to purchase new aircraft, negatively affecting the demand for our training equipment and services, and the purchase of our products.

We are also exposed to credit risk on accounts receivable from our customers. We have adopted policies to ensure we are not significantly exposed to any individual customer. Our policies include analyzing the financial position of certain customers and regularly reviewing their credit quality. We also subscribe from time to time to credit insurance and, in some instances, require a bank letter of credit to secure our customers' payments to us.

#### 4.1.5 *Regulatory rules imposed by aviation authorities*

We are required to comply with regulations imposed by aviation authorities. These regulations may change without notice, which could disrupt our sales and operations. Any changes imposed by a regulatory agency, including changes to safety standards imposed by aviation authorities such as the U.S. Federal Aviation Administration, could mean we have to make unplanned modifications to our products and services, causing delays or resulting in cancelled sales. We cannot predict the impact that changing laws or regulations might have on our operations. Any changes could have a materially negative effect on our results of operations or financial condition.

#### 4.1.6 *Sales or licences of certain CAE products require regulatory approvals and compliance*

The sale or licence of many of our products is subject to regulatory controls. These can prevent us from selling to certain countries, or to certain entities or people in a country, and require us to obtain from one or more governments an export licence or other approvals to sell certain technology such as military related simulators or other training equipment, including military data or parts. These regulations change often and we cannot be certain that we will be permitted to sell or licence certain products to customers, which could cause a potential loss of revenue for us.

If we fail to comply with government laws and regulations related to export controls and national security requirements, we could be fined and/or suspended or barred from government contracts or subcontracts for a period of time, which would negatively affect our revenue from operations and profitability, and could have a negative effect on our reputation and ability to procure other government contracts in the future.

## 4.2 Risks relating to the Company

### 4.2.1 *Product evolution*

The civil aviation and military markets in which we operate are characterized by changes in customer requirements, new aircraft models and evolving industry standards. If we do not accurately predict the needs of our existing and prospective customers or develop product enhancements that address evolving standards and technologies, we may lose current customers and be unable to bring on new customers. This could reduce our revenue. The evolution of the technology could also have an impact on the value of our fleet of FFSSs.

### 4.2.2 *Research and development activities*

We carry out some of our R&D initiatives with the financial support of governments, including the Government of Québec through Investissements Québec (“IQ”) and the Government of Canada through SADI. We may not, in the future, be able to replace these existing programs with other government risk-sharing programs of comparable benefit to us, which could have a negative impact on our financial performance and research and development activities.

We receive investment tax credits on eligible R&D activities that we undertake in Canada from the federal government and investment tax credits on eligible R&D activities that we undertake in Québec from the provincial government. The credits we receive are based on federal and provincial legislation currently enacted. The investment tax credits available to us can be reduced by changes to the respective governments’ legislation which could have a negative impact on our financial performance and research and development activities.

### 4.2.3 *Fixed-price and long-term supply contracts*

We provide our products and services mainly through fixed-price contracts that require us to absorb cost overruns, even though it can be difficult to estimate all of the costs associated with these contracts or to accurately project the level of sales we may ultimately achieve. In addition, a number of contracts to supply equipment and services to commercial airlines and defence organizations are long-term agreements that run up to 20 years. While some of these contracts can be adjusted for increases in inflation and costs, the adjustments may not fully offset the increases, which could negatively affect the results of our operations.

### 4.2.4 *Procurement and OEMs encroachment*

We secure data, parts, equipment and many other inputs from a wide variety of OEMs, sub-contractors and other sources. We are not always able to find two or more sources for inputs we need, and in the case of specific aircraft simulators and other training equipment, significant inputs can only be sole sourced. We may therefore be vulnerable to delivery schedule delays, the financial condition of the sole-source suppliers and their willingness to deal with us. Within their corporate groups, some sole-source suppliers include businesses that compete with parts of our business. This could lead to onerous licencing terms, high licence fees or even refusal to licence to us the data, parts and equipment packages that are often required to manufacture a simulator based on an OEM’s aircraft.

### 4.2.5 *Warranty or other product-related claims*

We manufacture simulators that are highly complex and sophisticated. These may contain defects that are difficult to detect and correct. If our products fail to operate correctly or have errors, there could be warranty claims or we could lose customers. Correcting these defects could require significant capital investment. If a defective product is integrated into our customer’s equipment, we could face product liability claims based on damages to the customer’s equipment. Any claims, errors or failures could have a negative effect on our operating results and business. We cannot be certain that our insurance coverage will be sufficient to cover one or more substantial claims.

### 4.2.6 *Product integration and program management risk*

Our business could be negatively affected if our products do not successfully integrate or operate with other sophisticated software, hardware, computing and communications systems that are also continually evolving. If we experience difficulties on a project or do not meet project milestones, we may have to devote more engineering and other resources than originally anticipated. While we believe we have recorded adequate provisions for risks of losses on fixed-price contracts, it is possible that fixed-price and long-term supply contracts could subject us to additional losses that exceed obligations under the terms of the contracts.

#### 4.2.7 *Protection of intellectual property*

We rely in part on trade secrets and contractual restrictions, such as confidentiality agreements and licences, to establish and protect our proprietary rights. These may not be effective in preventing a misuse of our technology or in deterring others from developing similar technologies. We may be limited in our ability to acquire or enforce our intellectual property rights in some countries.

#### 4.2.8 *Intellectual property*

Our products contain sophisticated software and computer systems that are supplied to us by third parties. These may not always be available to us. Our production of simulators often depends on receiving confidential or proprietary data on the functions, design and performance of a product or system that our simulators are intended to simulate. We may not be able to obtain this data on reasonable terms, or at all.

Infringement claims could be brought against us or against our customers. We may not be successful in defending these claims and we may not be able to develop processes that do not infringe on the rights of third parties, or obtain licences on terms that are commercially acceptable, if at all.

Certain markets in which we operate, including without limitation the healthcare market, are subject to extensive patenting by third parties. Our ability to modify existing products or to develop new products may be constrained by third party patents such that we incur incremental costs to licence the use of the patent or design around the claims made therein.

Litigation related to our intellectual property rights could be lengthy and costly and could negatively affect our operations or financial results, whether or not we are successful in defending a claim.

#### 4.2.9 *Key personnel*

Our continued success will depend in part on our ability to retain and attract key personnel with the relevant skills, expertise and experience. Our compensation policy is designed to mitigate this risk.

#### 4.2.10 *Labour*

Approximately 550 of our employees are represented by a union and are covered by a collective bargaining agreement which will be up for renewal in the first quarter of fiscal 2014. Renegotiations of the collective bargaining agreement could result in work disruptions including work stoppages or work slowdowns. Should a work stoppage occur, it could interrupt our manufacturing operations in Canada, which could have a negative impact on our simulation product segments and could adversely affect service to our customers and our financial performance.

#### 4.2.11 *Environmental liabilities*

We use, generate, store, handle and dispose of hazardous materials at our operations, and used to at some of our discontinued or sold operations. Past operators at some of our sites also carried out these activities.

New laws and regulations, stricter enforcement of existing laws and regulations, the discovery of previously unknown contamination, new clean-up requirements or claims on environmental indemnities we have given may result in us having to incur substantial costs. This could have a materially negative effect on our financial condition and results of operations.

In addition, our discontinued operations are largely uninsured against such claims, so an unexpectedly large environmental claim against a discontinued operation could reduce our profitability in the future.

#### 4.2.12 *Liability claims arising from casualty losses*

Because of the nature of our business, we may be subject to liability claims, including claims for serious personal injury or death, arising from:

- Accidents or disasters involving training equipment we have sold or aircraft for which we have provided training equipment or services;
- Our pilot provisioning;
- Our live flight training operations.

We may also be subject to product liability claims relating to equipment and services that our discontinued operations sold in the past. We cannot be certain that our insurance coverage will be sufficient to cover one or more substantial claims.

#### 4.2.13 *Integration of businesses acquired*

The success of our acquisitions depends on our ability to crystallize synergies both in terms of successfully marketing our broadened product offering as well as efficiently consolidating the operations of the acquired businesses into our existing operations.

#### 4.2.14 *Our ability to penetrate new markets*

We are attempting to leverage our knowledge, experience and best practices in simulation-based aviation training and optimization to penetrate the new markets of simulation-based training in healthcare and mining.

As we enter these new markets, unforeseen difficulties and expenditures could arise, which may have an adverse effect on our operations, profitability and reputation. Penetrating new markets is inherently more difficult than managing within our already established core markets. The risks associated with entering new markets are greater; however, we believe there is potential for CAE to develop material revenues in these new business areas over the long term.

#### 4.2.15 *Enterprise resource planning*

We have achieved an important milestone in fiscal 2013 with the successful implementation of the Canadian manufacturing portion of the planned ERP deployment. As we continue deploying the ERP system, if the system does not operate as expected or when expected, it may be difficult for us to claim compensation or correction from any third party. We may not be able to realize the expected value of the system and this may have a negative effect on our operations, profitability and reputation.

#### 4.2.16 *Reliance on technology*

We depend on information technology networks and systems to process, transmit and store electronic data and financial information, to manage business operations and to comply with regulatory, legal, national security, contractual and tax requirements. In addition, our business requires the appropriate and secure utilization of sensitive and confidential information belonging to third parties such as aircraft OEMs and national defence forces. An information technology system failure or breach of data security could disrupt our operations, cause the loss of business information, compromise confidential information, require significant management attention and resources and could have a material adverse effect on our operations, reputation and financial performance. We have in place security controls, policy enforcement mechanisms and monitoring systems in order to address potential threats.

#### 4.2.17 *Length of sales cycle*

The sales cycle for our products and services is long and unpredictable, ranging from 6 to 18 months for civil aviation applications and from 6 to 24 months or longer for military applications. During the time when customers are evaluating our products and services, we may incur expenses and management time. Making these expenditures in a quarter that has no corresponding revenue will affect our operating results and could increase the volatility of our share price. We may pre-build certain products in anticipation of orders to come and to facilitate a faster delivery schedule to gain competitive advantage; if orders for those products do not materialize when expected, we have to carry the pre-built product in inventory for a period of time until a sale is realized.

### **4.3 Risks relating to the market**

#### 4.3.1 *Foreign exchange*

Our operations are global with nearly 90% of our revenue generated in foreign currencies, mainly the U.S. dollar, the Euro and the British pound. Our revenue is divided approximately one-third in each of the U.S, Europe and the rest of the world.

Our Canadian operations generate approximately 34% of our revenues with a large portion of our operating costs in Canadian dollars. When the Canadian dollar increases in value, it negatively affects our foreign currency-denominated revenue and hence our financial results. When the Canadian dollar decreases in value, it negatively affects our foreign currency-denominated costs and our competitive position compared to other equipment manufacturers in jurisdictions where operating costs are lower. We have various hedging programs to partially offset this exposure. However, our currency hedging activities do not entirely mitigate foreign exchange risk and provide only short-term offsetting benefits.

Business conducted through our foreign operations, mainly Military and Civil training and services, are substantially based in local currencies. A natural hedge exists by virtue of revenues and operating expenses being in like currencies. However, we face unhedged currency translation exposure with these operations since we consolidate results in Canadian dollars for financial reporting purposes. Devaluation of foreign currencies against the Canadian dollar, for example volatility in the Euro currency as a result of European economic austerity measures and credit market conditions, would have a negative translation impact.

#### 4.3.2 *Availability of capital*

Our main credit facility, which was refinanced in June 2012, is scheduled for renewal in April 2017. We cannot determine at this time whether the credit facility will be renewed at the same cost, for the same duration and on similar terms as were previously available.

We also have various debt facilities with maturities until March 2036. We cannot determine at this time whether these facilities will be refinanced at the same cost, for the same durations and on similar terms as were previously available.

#### 4.3.3 *Pension plans*

Pension funding is based on actuarial estimates and is subject to limitations under applicable income tax and other regulations. Actuarial estimates prepared during the year were based on assumptions related to projected employee compensation levels at the time of retirement and the anticipated long-term rate of return on pension plan assets. The actuarial funding valuation reports determine the amount of cash contributions that we are required to contribute into the registered retirement plans. Our latest pension funding reports show the pension plans to be in a solvency deficit position. Therefore, we are required to make cash funding contributions. If this reduced level of pension fund assets persists to the date of the next funding valuations, we will be required to increase our cash funding contributions, reducing the availability of such funds for other corporate purposes.

#### 4.3.4 *Doing business in foreign countries*

We have operations in approximately 30 countries and sell our products and services to customers around the world. Sales to customers outside North America made up approximately 60% of revenue in fiscal 2013. We expect sales outside North America to continue to represent a significant portion of revenue in the foreseeable future. As a result, we are subject to the risks of doing business internationally.

These are the main risks we are facing:

- Change in laws and regulations;
- Tariffs, embargoes, controls and other restrictions;
- General changes in economic and geopolitical conditions;
- Complexity and risks of using foreign representatives and consultants.

## **5. DIVIDENDS**

CAE is paying a quarterly dividend of \$0.05 per common share. However, any decision to declare and pay dividends in the future will be made at the discretion of the Board of Directors, after taking into account the financial results, capital requirements and other factors the Directors may deem relevant. CAE's contracts with Industry Canada ("IC") prohibit the payment of a dividend if such payment would prevent payment to IC of a royalty owed under the contracts.

CAE's Dividend Reinvestment Plan provides that Canadian resident shareholders can elect to receive Common Share dividends in lieu of cash dividends. Currently, CAE offers a 2% discount on shares acquired through the Dividend Reinvestment Plan; this is subject to change and the plan terms should be consulted. During fiscal 2011, 2012 and 2013, CAE issued 52,912, 762,041 and 1,228,831 common shares, respectively, as stock dividends.

## **6. DESCRIPTION OF CAPITAL STRUCTURE**

Our authorized capital consists of an unlimited number of common shares without par value and an unlimited number of preferred shares without par value, issuable in series.

Each common share entitles the holder thereof to dividends if, as and when declared by our Directors, to one vote at all meetings of holders of common shares and to participate, pro rata, with the holders of common shares, in any distribution of our assets upon liquidation, dissolution or winding-up, subject to the prior rights of holders of shares ranking in priority to common shares.

As at the close of business on March 31, 2013 and May 31, 2013 respectively, 259,979,059 and 260,353,457 common shares were issued and outstanding. There are no preferred shares issued and outstanding.

## 7. MARKET FOR SECURITIES

The outstanding common shares of CAE are listed and posted for trading on The Toronto Stock Exchange and on the New York Stock Exchange under the symbol CAE.

### 7.1 Trading Price and Volume

<b>CAE Inc.</b>			
<b>TSX Share Price Information - FY2013</b>			
<b>Month</b>	<b>Max.</b>	<b>Min.</b>	<b>Total Volume</b>
April-12	\$10.81	\$9.97	10,277,596
May-12	\$10.78	\$9.90	10,803,598
June-12	\$10.17	\$9.39	14,804,876
July-12	\$10.25	\$9.84	8,261,043
August-12	\$10.27	\$9.88	10,715,601
September-12	\$10.68	\$10.06	8,953,060
October-12	\$11.10	\$10.17	10,671,298
November-12	\$11.00	\$9.32	24,046,906
December-12	\$10.33	\$9.65	17,330,626
January-13	\$10.95	\$10.04	17,067,775
February-13	\$10.95	\$10.01	17,371,378
March-13	\$10.40	\$9.80	12,142,203
<b>NYSE Share Price Information - FY2013</b>			
<b>Month</b>	<b>Max.</b>	<b>Min.</b>	<b>Total Volume</b>
April-12	\$10.97	\$9.93	384,340
May-12	\$10.93	\$9.61	325,778
June-12	\$9.95	\$9.17	309,645
July-12	\$10.19	\$9.62	256,142
August-12	\$10.36	\$9.83	354,482
September-12	\$10.95	\$9.95	245,603
October-12	\$11.09	\$10.40	210,345
November-12	\$10.99	\$9.31	522,187
December-12	\$10.43	\$9.77	462,775
January-13	\$10.93	\$10.20	463,112
February-13	\$10.91	\$9.76	452,800
March-13	\$10.14	\$9.64	334,418

## 8. DIRECTORS AND OFFICERS

The Directors of CAE are elected at each annual meeting of shareholders and hold office until the next annual meeting of shareholders or until their successors are elected or appointed. The names and municipalities of residence of the Directors and Officers of CAE as of the date hereof, the positions and offices held by them in CAE, their respective principal occupations for the last five years, and the year in which they became a Director are set forth below. More information concerning CAE's Directors may be found in the Management Proxy Circular dated June 13, 2013, in connection with our Annual Meeting of Shareholders to be held on August 8, 2013. In addition to fulfilling all statutory requirements, the Board of Directors oversees and reviews: (i) the strategic and operating plans and financial budgets and the performance against these objectives; (ii) the principal risks and the adequacy of the systems and procedures to manage these risks; (iii) the compensation and benefit policies; (iv) management development and succession planning; (v) business development initiatives; (vi) the communications policies and activities, including shareholder communications; (vii) the integrity of internal controls and management information systems; (viii) the monitoring of the corporate governance system; and (ix) the performance of the President and Chief Executive Officer.

The Committees of the Board of Directors are the Audit Committee, the Corporate Governance Committee, the Human Resources Committee and the Executive Committee.

### 8.1 Name and Occupation

#### DIRECTORS

Name and Municipality of Residence and Year First Became a Director	Principal Occupation
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BRIAN E. BARENTS Andover, Kansas, USA (2005)	Brian E. Barents is a Director of Kaman Corporation, Aerion Corporation and The NORDAM Group, Inc. A former Air National Guard Brigadier General and still an active pilot, Mr. Barents was the President, CEO and co-founder of Galaxy Aerospace Company, LP from 1997-2001 and before that President and CEO of Learjet, Inc. from 1989-1996. Mr. Barents is a member of the Human Resources Committee.
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JOHN A. (IAN) CRAIG Ottawa, Ontario, Canada (2000)	John A. (Ian) Craig is President of Lanzsmirn Investments, an independent investment company, Vice Chairman of the Board of the University of Ottawa Heart Institute, as well as a Director of Arris Group Inc. He previously held a number of positions in Canada and other countries, over 33 years with Nortel Networks, including Executive Vice President and Chief Marketing Officer, and has served on a broad variety of public and private company boards. Mr. Craig is a member of the Audit Committee.
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H. GARFIELD EMERSON, Q.C. Toronto, Ontario, Canada (1992)	H. Garfield Emerson is Principal, Emerson Advisory, an independent business and financial advisory firm, and a Corporate Director. He is a Director of Canadian Tire Corporation Limited, Sentry Select Capital Corp., and Executive in Residence with the Rotman School of Management, University of Toronto, and with the Faculty of Public Affairs, Carleton University. Mr. Emerson is the past National Chair of Fasken Martineau DuMoulin LLP (2001-2006) and was previously President and Chief Executive Officer of NM Rothschild & Sons Canada Limited, investment bankers (1990-2001), non-executive Chairman of the Board of Rogers Communications Inc. (1993-2006), Chairman of First Calgary Petroleums Ltd. (2008), and a senior partner of Davies, Ward & Beck. He has also served as a Director of Canada Deposit Insurance Corporation, University of Toronto Asset Management Corporation, NM Rothschild & Sons Limited, Marathon Realty Company Limited, Genstar Capital Corporation, Rogers Communications Inc. and Sunnybrook Health Sciences Centre. Mr. Emerson is a member of the Corporate Governance and Audit Committees.
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**Name and Municipality of Residence and  
Year First Became a Director**

**Principal Occupation**

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HON. MICHAEL M. FORTIER, PC  
Town of Mount Royal, Quebec, Canada  
(2010)

Michael M. Fortier joined RBC Capital Markets (“**RBCCM**”) as a Vice-Chairman in October 2010. He is a Director of Aimia Inc., and serves on the Audit Committee of that Board. Prior to joining RBCCM, Mr. Fortier was a partner of Ogilvy Renault LLP (now Norton Rose Fulbright) and a Senior Advisor to Morgan Stanley in Canada. Between February 2006 and October 2008, Mr. Fortier held various positions in the Government of Canada, as Minister of Public Works and Government Services, Minister of International Trade and Minister responsible for Greater Montréal. Prior to that, Mr. Fortier was active in the investment banking industry, first as a Managing Director with Credit Suisse First Boston (1999-2004) and then as a Managing Director with TD Securities (2004-2006). Mr. Fortier also practiced law with Ogilvy Renault LLP from 1985 to 1999 in the areas of corporate finance and mergers and acquisitions. He was based in London, England for several years during this period. Mr. Fortier is a member of the Corporate Governance Committee.

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PAUL GAGNÉ, CPA, CA  
Senneville, Québec, Canada  
(2005)

Paul Gagné is a Director and serves on the Audit Committees of the boards of Ainsworth Lumber Co. Ltd. and Textron Inc., and is a Director of various private companies. Mr. Gagné is also the Chairman of Wajax Corporation. Mr. Gagné worked with Avenor Inc. from 1976 to 1997, last serving as its Chief Executive Officer. In 1998, he joined Kruger Inc., where he served as Consultant in Corporate Strategic Planning from 1998 to 2002. Mr. Gagné is a Chartered Professional Accountant. Mr. Gagné is Chairman of the Audit Committee.

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JAMES F. HANKINSON, CPA, CA  
Toronto, Ontario, Canada  
(1995)

James F. Hankinson is a Director of Shoppers Drug Mart Corporation. He was the President and Chief Executive Officer of Ontario Power Generation Inc. from 2005 until his retirement in 2009. He served as President and Chief Executive Officer of New Brunswick Power Corporation from 1996 to 2002. In 1973, he joined Canadian Pacific Limited and served as President and Chief Operating Officer from 1990 to 1995. Mr. Hankinson is Chairman of the Corporate Governance Committee.

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E. RANDOLPH (RANDY) JAYNE II  
Webster Groves, Missouri, USA  
(2001)

E. Randolph (Randy) Jayne is the Managing Partner of Heidrick & Struggles International, Inc.’s Global Aerospace, Defense, and Aviation Practice. Mr. Jayne was formerly President of NASDAQ-listed Insituform Technologies Inc., and the President of McDonnell Douglas Missile Systems Company (a builder of fighter aircraft, cruise missiles, training and spacecraft). He is chairman of the U.S.’s Institute for Defense Analysis Governance Committee, and has written extensively on board governance matters. Mr. Jayne is a member of the Corporate Governance Committee.

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ROBERT LACROIX, Ph.D., CM, OQ, FRSC  
Montréal, Québec, Canada  
(2005)

Robert Lacroix holds a Ph.D in Economics, has been a Professor in the Department of Economics at the Université de Montréal since 1970, and Professor emeritus since 2006. He has served as Chairman of that Department and Director of the Centre for Research and Development in Economics (“**CRDE**”) and was Rector (President) of the Université de Montréal from 1998-2005. Dr. Lacroix is also member of the Board of the Trudeau Foundation and a member of the National Statistics Council of Canada. He is also a Director of Pomerleau Inc. and Le Groupe Jean Coutu (“**PJC**”) Inc. Dr. Lacroix is a member of the Corporate Governance Committee.

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**Name and Municipality of Residence and  
Year First Became a Director**

**Principal Occupation**

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HON. JOHN P. MANLEY, P.C., O.C. Ottawa, Ontario, Canada (2008)	John Manley is President and Chief Executive Officer of the Canadian Council of Chief Executives (not-for-profit), a position he has held since 2010. From 2004 to 2009, he served as Counsel to McCarthy Tétrault LLP, a national law firm. Prior to that, John had a 16-year career in politics, serving as Deputy Prime Minister of Canada and Minister in the portfolios of Industry, Foreign Affairs and Finance. John obtained a Bachelor of Arts from Carleton University and a Juris Doctorate from the University of Ottawa, is a certified Chartered Director from McMaster University and holds honorary doctorates from the University of Toronto, University of Ottawa, Carleton University and University of Western Ontario. Mr. Manley is a member of the Audit Committee and a member of the Human Resources Committee.
MARC PARENT Lorraine, Québec, Canada (2008)	Marc Parent has been the CEO of CAE Inc. since October 2009. He joined the Corporation in February 2005 as Group President, Simulation Products, was appointed Group President, Simulation Products and Military Training & Services in May 2006, and then Executive Vice President and Chief Operating Officer in November 2008. Mr. Parent has nearly 30 years of experience in the aerospace industry. Before joining CAE, Mr. Parent held various positions with Canadair and within Bombardier Aerospace in Canada and the U.S. Mr. Parent is past Chairman of the Board of Directors of the Aerospace Industries Association of Canada (“AIAC”) and also of Aéro Montreal (Quebec’s aerospace cluster).
GENERAL PETER J. SCHOOMAKER, USA (RET.) Tampa, Florida, USA (2009)	General Schoomaker is a consultant on defence matters. He is a former four-star U.S. Army general who was recalled from retirement to active duty as the 35th Chief of Staff, Army and a member of the U.S. Joint Chiefs of Staff from 2003 until 2007. Prior to his first retirement, he served as the Commander-in-Chief, U.S. Special Operations Command from 1997 to 2000. He was the owner/president of Quiet Pros, Inc. (defence consulting) from 2000 to 2003. General Schoomaker spent over 35 years in a variety of command and staff assignments with both conventional and special operations forces. General Schoomaker is a Director of Aeroflex Incorporated, as well as several private and non-profit companies, the Special Operations Warrior Foundation, and was a Director of CAE USA Inc. (from November, 2007 to February, 2009). General Schoomaker is a member of the Human Resources Committee.
ANDREW J. STEVENS Gloucestershire, UK (2013)	Andrew J. Stevens is a corporate Director based in the U.K who has operating experience globally in the aerospace and defence sector. Beginning with the Dowty Group, a leading British manufacturer of aircraft equipment (1976-94), Bowthorpe plc (1994-96), Messier-Dowty as Managing Director then Chief Operating Officer (1996-2000), Rolls-Royce, where he served as Managing Director Defence Aerospace (2001-2003), and Cobham plc as a Board member where he served variously as Group Managing Director, Aerospace Systems, Chief Operating Officer and Chief Executive Officer. (2003-12). Mr. Stevens recently joined the CAE Board and has not yet been assigned to a Board Committee.

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**Name and Municipality of Residence and  
Year First Became a Director**

**Principal Occupation**

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KATHARINE B. STEVENSON  
Toronto, Ontario, Canada  
(2007)

Katharine B. Stevenson is a corporate Director who serves on a variety of corporate and not-for-profit boards. She is former Treasurer of Nortel Networks, Inc. Prior to joining Nortel Networks, she was a Vice President of J.P. Morgan Chase & Company, Inc. Ms. Stevenson serves as Director on the board of Canadian Imperial Bank of Commerce and on its Audit Committee. She is also a Director of Valeant Pharmaceuticals International, Inc. (serving on its Audit & Risk and Transactions & Finance Committees), and of Open Text Corporation (serving on its Audit Committee). The CAE Board has determined that such simultaneous service does not impair the ability of Ms. Stevenson to effectively serve on CAE's Audit Committee. In addition, she served as the Chairperson of OSI Pharmaceuticals, Inc.'s Audit Committee until the sale of the company. Ms. Stevenson is a Governor and past Chair of The Bishop Strachan School and Vice Chairman of the board of the University of Guelph as well as Chair of their Finance Committee). She is certified with the professional designation ICD.D granted by the Institute of Corporate Directors ("ICD"). Ms. Stevenson is a member of the Audit Committee.

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LAWRENCE N. STEVENSON  
Toronto, Ontario, Canada  
(1998)

Lawrence N. Stevenson is Managing Director of Callisto Capital, a Toronto-based private equity firm which he joined in 2006. He is a Director of SNC-Lavalin Group Inc. and chairs its Human Resource Committee. He was the CEO of Pep Boys Inc., an automotive retail and service company based in Philadelphia from 2003 until 2006. Prior to that he was the founder and CEO of Chapters, Canada's largest book retailer. He started his business career with Bain & Company in London and left as the Managing Director of Bain & Company Canada. Mr. Stevenson has served on numerous public company Boards including Oshawa Food Group, Sobeys, Forzani, Chapters, and Pep Boys. Mr. Stevenson is Chairman of the Human Resources Committee.

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KATHLEEN E. WALSH  
BOSTON, MASSACHUSETTS, USA  
(2013)

Kathleen E. Walsh is currently CEO of Boston Medical Centre, a non-profit 496-bed medical centre in Boston, Massachusetts that employs more than 1,200 physicians and 1,500 nurses while also serving as the primary teaching affiliate of the Boston University School of Medicine. Previously she served as Executive Vice President and Chief Operating Officer of Brigham and Women's Hospital, Chief Operating Officer, Novartis Institutes for BioMedical Research for Novartis AG, various positions up to Senior Vice President, Medical Services and Cancer Centre at the Massachusetts General Hospital, and previously with four other hospitals. Ms. Walsh is also on the boards of the Greater Boston Chamber Of Commerce, Emmanuel College, and the Advisory Board of the Clinical Centre of the National Institutes of Health in Bethesda MD. Mrs. Walsh recently joined the CAE Board and has not yet been assigned to a Board Committee.

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LYNTON R. WILSON, O.C.  
Oakville, Ontario, Canada  
(1997)

Lynton R. Wilson is Chairman of the Board of CAE. He has served as Deputy Minister of Industry and Tourism for the Government of Ontario (1978-1981), President, CEO and Chairman of Redpath Industries Ltd. (1981-1989), Vice Chairman of the Bank of Nova Scotia (1989-1990), and President, CEO and Chairman of BCE Inc. (1990-2000). Mr. Wilson was Chairman of the Board of Nortel Networks Corporation from 2001 to 2005. He also serves as Chancellor of McMaster University.

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**OFFICERS****Name and Municipality of Residence and Office held with CAE****Principal Occupation<sup>1</sup>**

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NICK LEONTIDIS  
Ile-Bizard, Québec, Canada

Group President, Civil Simulation Products, Training and Services of CAE; previously Executive Vice-President, Strategy and Business Development (2009 to 2013), Executive Vice President Sales, Marketing and Business Development - Civil Training and Services (2005-2009).

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GENNARO (GENE) A. COLABATISTTO  
Baie d'Urfé, Québec, Canada

Group President, Military Simulation Products, Training and Services of CAE, with CAE since 2012; formerly Senior Vice President, Program Development for the Intelligence, Surveillance and Reconnaissance Group at Science Applications International Corporation (2008 – 2012) and before that President of Olive Group North America.

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STÉPHANE LEFEBVRE, CPA & CA  
Town of Mount-Royal, Québec, Canada

Vice President, Finance and Chief Financial Officer, with CAE since 1997; formerly Vice President Finance, Military Simulation and Training (2005-2011).

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HARTLAND J.A. PATERSON  
Westmount, Québec, Canada

Vice President, Legal, General Counsel and Corporate Secretary, with CAE since 2001.

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SONYA BRANCO, CA  
Montreal, Québec, Canada

Vice President and Corporate Controller (2011 to present); formerly Director Planning and Forecasting (2008-2011) and prior to that, Associate Director Mergers and Acquisitions at BCE Inc. (2007-2008).

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ERIC BUSSIERES  
Lachine, Québec, Canada

Treasurer and Vice-President Finance, Civil, with CAE since 2006; formerly Vice President Finance, Civil (2006-2011).

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BERNARD CORMIER  
Wolfville, Nova Scotia, Canada

Vice-President, Human Resources since July 2010. Formerly Vice-President Human Resources at Home Depot Canada and Asia (2004-2008), and Vice-President Human Resources at Molson Inc. (2001-2004).

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<sup>1</sup> Where the date 2008 appears, it signifies the beginning of the last five years and not necessarily the date upon which the individual commenced the relevant position or occupation.

The Directors and senior officers of CAE as a group as at the date hereof beneficially own, directly or indirectly, or exercise control or direction over 2,571,415 common shares which represent 0.99% of CAE's outstanding common shares.

**8.2 Cease Trade Orders, Bankruptcies, Penalties or Sanctions**

None of the Directors of CAE is, or within ten years prior hereto has been, subject to a cease trade or similar order except as set out below.

On May 3, 2012, while Mr. Barents was a Director thereof, Hawker Beechcraft Corporation filed voluntary petitions for reorganization under Chapter 11 of the United States Bankruptcy Code; that company exited Chapter 11 in February 2013 after which Mr. Barents left the Hawker Beechcraft Board of Directors

From May 31, 2004 until on or about June 21, 2005, certain Directors, senior officers and certain current and former employees of Nortel Networks Corporation (“**Nortel**”) and Nortel Networks Limited (“**NNL**”), including Messrs. Manley and Wilson as directors, were prohibited from trading in securities of Nortel and NNL pursuant to management cease trade orders issued by the Ontario Securities Commission (“**OSC**”), the Autorité des marchés financiers (“**AMF**”) and certain other provincial securities regulators (collectively, the “**Regulators**”) in connection with the delay in the filing of certain of their financial statements. The Regulators issued a further management cease trade order on April 10, 2006 in connection with the delay in filing certain 2005 financial statements prohibiting certain Directors, senior officers and certain current and former employees, including Messrs. Manley and Wilson as directors, from trading in securities of Nortel and NNL. Following the filing of the required financial statements, the OSC and AMF lifted such cease trade orders effective June 8, 2006 and June 9, 2006, respectively, following which the other Regulators lifted their cease trade orders.

Mr. Manley was a Director of Nortel and NNL when Nortel and NNL were granted creditor protection under the Companies’ Creditors Arrangement Act (“**CCAA**”) on January 14, 2009, and under other similar bankruptcy legislation in the U.S. and other jurisdictions.

Mr. Gagné resigned as Director of Gemofor Inc., a privately held manufacturer of sawmill equipment, in November 2006. Within a year of his resignation Gemofor Inc. filed for bankruptcy. Also, Mr. Gagné was a Director of Fraser Papers Inc. (“**Fraser**”) from April 2004 through February 2011. In June 2009, Fraser initiated a court-supervised restructuring under the Companies’ Creditors Arrangement Act (“**CCAA**”), and under other similar bankruptcy legislation in the U.S. As part of its restructuring, Fraser sold all of its productive assets and distributed the proceeds from the sale of those assets pursuant to a Consolidated Plan of Compromise and Arrangement which was approved by the courts in February 2011. Fraser’s common shares were suspended from trading on the TSX on June 23, 2009. On March 10, 2011, the OSC issued a cease trade order against Fraser.

Mr. Craig was a Director of Bell Canada International Inc. when it filed for court-supervised liquidation under the CCAA in 2003. Mr. Craig remained as one of two independent Directors to oversee the company from 2003 to 2007 when it was finally liquidated.

## **9. TRANSFER AGENTS AND REGISTRARS**

CAE only has common shares issued. CAE’s transfer agent is Computershare Trust Company of Canada located at 100 University Avenue, 9<sup>th</sup> Floor, Toronto, Ontario, M5J 2Y1.

## **10. AUDIT COMMITTEE**

### **10.1 Mandate**

The mandate of CAE’s Audit Committee is as set out in Schedule B hereto.

### **10.2 Membership**

The members of CAE’s Board of Directors’ Audit Committee are:

- Mr. Paul Gagné (chair)
- Mr. John A. (Ian) Craig
- Mr. H. Garfield Emerson
- Mr. John P. Manley
- Mrs. Katharine B. Stevenson

Each of these members is independent and financially literate.

Mr. Gagné is a Chartered Professional Accountant. In addition to his current activities set out in the Directors’ table above, he also serves on the Audit Committees of the Boards of Directors of Ainsworth Lumber Co. Ltd. and Textron Inc.

Mr. Craig has extensive board experience. He is also member of the Audit Committee of ARRIS Group Inc.

Mr. Emerson has extensive board experience, including past service as chairman or member of several public company Audit Committees.

Mr. Manley has extensive board and financial experience, including holding several senior portfolios in the Canadian federal government, serving as Minister of Finance, Minister of Industry, Minister of Foreign Affairs and Deputy Prime Minister.

Ms. Stevenson has extensive financial and accounting experience, including from her services as Treasurer of Nortel Networks Corporation, as Vice President, Corporate Finance with J.P. Morgan Chase & Co., a global financial services firm based primarily in New York, and as former chair of the Audit Committee of OSI Pharmaceuticals, Inc. She also serves on the Audit Committee of Open

Text Corporation, the Audit & Risk Committee of Valeant Pharmaceuticals International Inc. and the Risk Management Committee of Canadian Imperial Bank of Commerce. The CAE Board has determined that such simultaneous service does not impair the ability of Ms. Stevenson to effectively serve on CAE's Audit Committee.

## 11. APPROVAL OF SERVICES

The Audit Committee is responsible for the appointment, compensation, retention and oversight of the work of CAE's independent auditor. The Audit Committee must pre-approve any audit and non-audit services performed by PricewaterhouseCoopers LLP ("PwC"), CAE's auditor, or such services must be entered into pursuant to the policies and procedures established by the Committee. Pursuant to such policies the Audit Committee annually authorizes CAE and our affiliates to engage the auditor for specified permitted tax, financial advisory and other audit-related services up to specified fee levels. The Audit Committee has considered and concluded that the provision of these services by PwC is compatible with maintaining PwC's independence. The Audit Committee's policy also identifies prohibited services that PwC is not to provide to CAE.

The following chart shows all fees paid to PwC by CAE and our subsidiaries in the most recent and prior fiscal year for the various categories of services (generic description only).

FEE TYPE	2013	2012
	(\$ MILLIONS)	
1. Audit services	2.9	2.5
2. Audit-related services	0.3	0.3
3. Tax services	0.6	0.3
<b>Total</b>	<b>3.8</b>	<b>3.1</b>

Audit fees are comprised of fees billed for professional services for the audit of CAE's annual financial statements and services that are normally provided by PwC in connection with statutory and regulatory filings, including the audit of the internal controls over financial reporting as required by the Sarbanes-Oxley legislation.

Audit-related fees are comprised of fees relating to work performed in connection with CAE's acquisitions, translation and other miscellaneous accounting-related services.

Tax fees are related to tax compliance support.

## 12. ADDITIONAL INFORMATION

Additional information, including Directors' and Officers' remuneration and indebtedness, principal holders of CAE's securities, options to purchase securities and interests of insiders in material transactions, where applicable, is contained in the Management Proxy Circular dated June 13, 2013, in connection with CAE's Annual Meeting of Shareholders to be held on August 8, 2013. Additional financial information, including comparative consolidated audited financial statements and MD&A, are provided in CAE's Annual Report to the shareholders for the financial year ended March 31, 2013. A copy of such documents may be obtained from the Vice President, Global Communications or the Secretary of CAE upon request, or are available online at [www.sedar.com](http://www.sedar.com), as well as CAE's website at [www.cae.com](http://www.cae.com).

In addition, CAE will provide to any person or company, upon request to the Vice President, Global Communications or the Secretary of CAE, the documents specified below:

- (a) When the securities of CAE are in the course of a distribution under a preliminary short form prospectus or a short form prospectus:
  - (i) one copy of CAE's annual information form together with one copy of any document, or the pertinent pages of any document, incorporated by reference in such annual information form;
  - (ii) one copy of CAE's comparative financial statements for our most recently completed financial year together with the accompanying report of the auditors and one copy of CAE's most recent interim financial statements for any period after the end of our most recently completed financial year;

- (iii) one copy of the information circular in respect of our most recent annual meeting of shareholders that involved the election of Directors; and
  - (iv) one copy of any other documents which are incorporated by reference into the preliminary short form prospectus or the short form prospectus and are not required to be provided under (i) to (iii) above; or
- (b) At any other time, one copy of any other document referred to in clauses (i), (ii) and (iii) of paragraph (a) above, provided that CAE may require the payment of a reasonable charge if the request is made by a person or company who is not a security holder of CAE.

## GLOSSARY

For the purposes of this Annual Information Form, the following terms have the meanings set out below:

“**AIF**” means the Annual Information Form

“**Annual Report**” means the Annual Report to Shareholders for the year ended March 31, 2013

“**C4ISR**” means Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance

“**CBCA**” means the *Canada Business Corporations Act*

“**CCAA**” means the *Companies’ Creditors Arrangement Act*

“**CE/CDB**” means CAE’s Common Environment/Common Data Base

“**COMAC**” means Commercial Aircraft Corporation of China, Ltd

“**Company**” or “**CAE**” means CAE Inc.

“**Consolidated Financial Statements**” means the Consolidated Financial Statements for the year ended March 31, 2013, and the notes thereto

“**FFS**” means full-flight simulators

“**FMS**” means full-mission simulators

“**FTD**” means flight training devices

“**FTO**” means a flight training organization

“**FY2013**” means fiscal 2013

“**HATSOFF**” refers to CAE’s joint venture called the Helicopter Academy to Train by Simulation of Flying

“**HAL**” refers to Hindustan Aeronautics Limited

“**ICAO**” means the International Civil Aviation Organization

“**MD&A**” means CAE’s Management’s Discussion and Analysis of Financial Condition and Results of Operations

“**MPL**” means the CAE Multi-crew Pilot License

“**MSHATF**” means CAE’s Medium Support Helicopter Aircrew Training Facility in the U.K.

“**OEM**” means the original equipment manufacturer

“**OTSP**” means Canada’s Operational Training Systems Provider program for flight and related training

“**PwC**” means PricewaterhouseCoopers LLP

“**RAAF**” means the Royal Australian Air Force

“**RPK**” means revenue passenger kilometers

“**RSEU**” means revenue simulator equivalent units

“**SADI**” means Canada’s Strategic Aerospace and Defence Initiative

“**SP/C**” means Simulation Products/Civil

“**SP/M**” means Simulation Products/Military

“**TS/C**” means Training & Services/Civil

“**TS/M**” means Training & Services/Military

**“UAS”** means unmanned aerial systems

## SCHEDULE A – SUBSIDIARIES

Set forth below are the names of all the direct and indirect subsidiaries of CAE as at March 31, 2013. All companies are wholly owned except as noted.

Name of Subsidiary	Jurisdiction of Incorporation
<b>Canada</b>	
7320701 Canada Inc. ....	Canada
8218765 Canada Inc. ....	Canada
BGT BioGraphic Technologies Inc. ....	Canada
CAE FlightscapInc. ....	Ontario
CAE Healthcare Canada Inc. ....	Canada
CAE International Holdings Limited ....	Canada
CAE Machinery Ltd. ....	British Columbia
CAE Mining Canada Inc. ....	Canada
CAE Mining Holding Inc. ....	Canada
CAE Railway Ltd. ....	Canada
CAE Services (Canada) Inc. ....	Canada
CAE Simulator Services Inc. ....	Québec
CAE Wood Products G.P. <sup>1</sup> ....	Québec
Flight Simulator-Capital L.P. <sup>2</sup> ....	Quebec
Flight Simulator Capital Management Inc. ....	Quebec
ICCU Imaging Inc. ....	Quebec
Presagis Canada Inc. ....	Canada
<b>United States</b>	
Advanced Medical Technologies, LLC. ....	Washington
CAE (US) Inc. ....	Delaware
CAE (US) LLC ....	Delaware
CAE Civil Aviation Training Solutions Inc. ....	Florida
CAE Delaware Buyco Inc. ....	Delaware
CAE Flight Solutions USA Inc. ....	Delaware
CAE Healthcare, Inc. ....	Delaware
CAE Integrated Enterprise Solutions USA Inc. ....	Delaware
CAE Mining North America Inc. ....	Colorado
CAE North East Training Inc. ....	Delaware
CAE Oxford Aviation Academy Pheonix Inc. ....	Arizona
CAE SimuFlite Inc. ....	Texas
CAE USA Inc. ....	Delaware
Embraer CAE Training Services, LLC. (49%) ....	Delaware
Engenuity Holdings (USA) Inc. ....	Delaware
GCAT Delaware LLC.....	Delaware
KVDB Flight Training Services, Inc. (49%).....	Arizona
Oxford Airline Training Center Inc. ....	Arizona
Parc U.S. Inc. ....	Delaware
Presagis USA Inc. ....	California
Rotorsim USA LLC. (50%) ....	Delaware
<b>Europe</b>	
ARGE Rheinmetall Defence ElectronicsGmbH/CAE Elektronik GmbH (50%) <sup>3</sup> .....	Germany
Aviation Personnel Support Services Limited. ....	Ireland
Backairn Limited.....	United Kingdom
CAE Aircrew Training Services plc (78%) .....	United Kingdom
CAE Aviation Training B.V. ....	Netherlands
CAE Beyss Grundstücksgesellschaft GmbH .....	Germany

<sup>1</sup> Partnership

<sup>2</sup> Partnership

<sup>3</sup> Partnership

<b>Name of Subsidiary</b>	<b>Jurisdiction of Incorporation</b>
CAE Center Amsterdam B.V.	Netherlands
CAE Center Brussels N.V.	Belgium
CAE Centre Copenhagen A/S	Denmark
CAE Centre Oslo AS	Norway
CAE Centre Stockholm AB	Sweden
CAE Elektronik GmbH	Germany
CAE Engineering Korlátolt Felelősségű Társaság	Hungary
CAE Euroco S.à.r.l.	Luxembourg
CAE Global Academy Évora, SA	Portugal
CAE Healthcare GmbH	Germany
CAE Healthcare KFT	Hungary
CAE Holdings BV	Netherlands
CAE Holdings Limited	United Kingdom
CAE International Capital Management Hungary LLC	Hungary
CAE Investments S.à.r.l.	Luxembourg
CAE Luxembourg Acquisition	Luxembourg
CAE Luxembourg Financing S.à.r.l.	Luxembourg
CAE Management Luxembourg S.à.r.l.	Luxembourg
CAE Mining Corporate Limited	United Kingdom
CAE Mining International Limited	United Kingdom
CAE Mining Software Limited	United Kingdom
CAE Oxford Aviation Academy Amsterdam B.V.	The Netherlands
CAE Parc Aviation Jersey Limited	Jersey
CAE Services GmbH	Germany
CAE Services Italia, S.r.l.	Italy
CAE Servicios Globales de Instrucción de Vuelo (España) S.L.	Spain
CAE STS Limited	United Kingdom
CAE Training & Services Brussels NV	Belgium
CAE Training & Services UK Ltd.	United Kingdom
CAE Training Aircraft B.V.	Netherlands
CAE Training Norway AS	Norway
CAE (UK) plc	United Kingdom
CAE Verwaltungsgesellschaft mbH	Germany
CVS Leasing Limited (13.39%)	United Kingdom
Embraer CAE Training Services (UK) Limited (49%)	United Kingdom
Eurofighter Simulation Systems GmbH (12%)	Germany
GCAT Flight Academy Malta Limited	Malta
Helicopter Training Media International GmbH (50%)	Germany
HFTS Helicopter Flight Training Services GmbH (25%)	Germany
Mineral Industries Computing Limited	United Kingdom
Oxford Aviation Academy (Oxford) Limited	United Kingdom
Oxford Aviation Academy Europe AB	Sweden
Oxford Aviation Academy European Holdings AB	Sweden
Oxford Aviation Academy Finance Limited	Ireland
Oxford Aviation Academy Ireland Holdings Limited	Ireland
Oxford Aviation Academy Latvia SIA	Latvia
Oxford Aviation Academy Norway Holdings AS	Norway
Parc Aviation (UK) Limited	Ireland
Parc Aviation Engineering Services Limited	Ireland
Parc Aviation International Limited	Ireland
Parc Aviation Limited	Ireland
Parc Aviation Services Limited	Isle of Man
Parc Interim Limited	Ireland
Parc Selection Limited	Isle of Man
Presagis Europe (S.A.)	France
Rotorsim s.r.l. (50%)	Italy
Servicios de Instrucción de Vuelo, S.L. (80%)	Spain
Simubel N.V. (a CAE Aviation Training Company)	Belgium
SIV Ops Training, S.L.	Spain
ZFB Zentrum für Flugsimulation Berlin GmbH (17%)	Germany

<b>Name of Subsidiary</b>	<b>Jurisdiction of Incorporation</b>
<b>Other</b>	
Asian Aviation Centre of Excellence (Singapore) Pte Ltd.	Singapore
Asian Aviation Centre of Excellence Sdn.Bhd. (50%)	Malaysia
CAE Aircraft Maintenance Pty Ltd.	Australia
CAE Australia Pty Ltd.	Australia
CAE Aviation Training Chile Limitada <sup>4</sup>	Chile
CAE Aviation Training International Ltd.	Mauritius
CAE Aviation Training Peru S.A.	Peru
CAE Brunei Multi Purpose Training Center SDN BHD (60%)	Brunei
CAE Centre Hong Kong Limited	China
CAE China Support Services Company Limited	China
CAE Datamine Peru S.A.	Peru
CAE Dubai LLC (49%)	Dubai
CAE Flight & Simulator Services Sdn. Bhd.	Malaysia
CAE Flight and Simulator Services Korea Ltd.	Korea
CAE Flight Training (India) Private Limited (50%)	India
CAE Flight Training Center Mexico, S.A. de C.V.	Mexico
CAE India Private Limited (76%)	India
CAE Japan Flight Training Inc. (51%)	Japan
CAE Labuan Inc.	Malaysia
CAE Middle East Holdings Limited (50%)	Dubai
CAE Mining Africa (Pty) Ltd.	South Africa
CAE Mining Australia Pty Ltd.	Australia
CAE Mining Brasil Soluções em Tecnologia Ltda.	Brazil
CAE Mining Chile SA	Chile
CAE Professional Services Australia Pty Ltd.	Australia
CAE Shanghai Company, Limited	Shanghai
CAE Simulation Technologies Private Limited	India
CAE Simulation Training Private Limited (50%)	India
CAE Singapore (S.E.A.) Pte Ltd.	Singapore
CAE South America Flight Training do Brasil Ltda.	Brazil
CAE-LIDER Training Do Brasil Ltda. (50%)	Brazil
China Southern West Australia Flying College Pty Ltd (47%)	Australia
Emirates-CAE Flight Training (L.L.C.) (49%)	Dubai
Flight Training Device (Mauritius) Limited	Mauritius
GCAT Australia PTY Limited	Australia
HATSOFF Helicopter Training Private Limited (50%)	India
International Flight School (Mauritius) Ltd.	Mauritius
Kestrel Technologies Pte Ltd.	Singapore
National Flying Training Institute Private Limited (51%)	India
Oxford Aviation Academy (Australia) Pty Ltd.	Australia
Oxford Aviation Academy Holdings Pty Ltd.	Australia
Parc Aviation Japan Limited	Japan
Philippine Academy for Aviation Training, Inc. (39%)	Philippines
Rotorsim Australia Pty Ltd.	Australia
Sabena Flight Academy – Africa (34%)	Cameroun
Simulator Servicios Mexico, S.A. de C.V.	Mexico
Zhuhai Free Trade Zone Xiang Yi Aviation Technology Company Limited	China
Zhuhai Xiang Yi Aviation Technology Company Limited (49%)	China

**DISCONTINUED OR INACTIVE**

<b>Name of Subsidiary</b>	<b>Jurisdiction of Incorporation</b>
CAE Beteiligungsgesellschaft mbH	Germany
CAE Screenplates SA	France
GCAT Flight Academy Germany GmbH	Germany
Invertron Simulators plc	United Kingdom

<sup>4</sup> Partnership

Name of Subsidiary	Jurisdiction of Incorporation
ISDAT Simulation SDN BHD (20%) .....	Malaysia
Landmark Operations Limited .....	United Kingdom
Landmark Training Limited .....	United Kingdom
Oxford Aviation Academy Finco S.à r.l. ....	Luxembourg
Oxford Aviation Academy Luxembourg S.à r.l. ....	Luxembourg
Oxford Aviation Academy Luxembourg 2 S.à r.l. ....	Luxembourg
Oxford Aviation Academy Luxembourg 3 S.à r.l. ....	Luxembourg
Parc-CV Limited .....	Ireland
Parc Aviation Training Limited .....	Ireland
Xtend Inc. ....	Utah

## SCHEDULE B – AUDIT COMMITTEE MANDATE

CAE INC.

### MEMBERSHIP AND RESPONSIBILITIES OF THE AUDIT COMMITTEE OF THE BOARD OF DIRECTORS

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#### 1. ROLE AND MEMBERSHIP

The Audit Committee (the “**Committee**”) shall be a committee of the Board of Directors.

The Committee shall consist of three to five directors (one of whom shall be the Chairman of the Committee). All members of the Committee shall be independent directors, as determined by the Board taking into consideration applicable laws, regulations and other requirements and regulatory guidelines applicable to such determination. Each member shall annually certify to CAE Inc. (“**CAE**” or the “**Company**”) as to his or her independence, in form compliant with the standards of independence set out by regulatory authorities, stock exchanges and other applicable laws, regulations and requirements. Each member shall be able to read and understand financial statements (balance sheet, income statement, cash flow statement) that present a breadth and level of complexity of accounting issues that are generally comparable to the breadth and complexity of the issues that can reasonably be expected to be raised by CAE’s financial statements, or shall become able to do so within a reasonable period of time after joining the audit committee. One member shall qualify as a “financial expert” (as defined by applicable regulation) and therefore have past employment in finance, accounting or any other comparable experience or background providing financial expertise. The Committee composition, including the qualifications of its members, shall comply with the requirements of regulatory authorities, stock exchanges and other applicable laws, regulations and requirements, as such requirements may be amended from time to time.

The Chairman of the Committee and its members shall be elected annually by the Board of Directors following recommendation of the Governance Committee and the Chairman of the Board. If the designated Chairman of the Committee is unable to attend a Committee meeting, the other Committee members present shall elect a replacement Chairman for that meeting.

A majority of members of the Committee shall constitute a quorum.

#### 2. RESPONSIBILITIES

Work closely and cooperatively with such officers and employees of CAE, its auditors, and/or other appropriate advisors and with access to such information as the Committee considers to be necessary or advisable in order to perform its duties and responsibilities, as assigned by the Board of Directors, in the following areas:

#### 3. REVIEW OF AUDITED FINANCIAL STATEMENTS

3.1 Review the annual audited consolidated financial statements and make specific recommendations to the Board of Directors. As part of this process the Committee should:

- Review the appropriateness of and any changes to the underlying accounting principles and practices.
- Review the appropriateness of estimates, judgments of choice and level of conservatism of accounting alternatives.
- Review annually with management, external and internal auditors the identification, assessment and resulting mitigation strategy for financial risks, and the input of the integrated risk assessment into the annual audit planning cycle with subsequent quarterly updates by Chief Financial Officer of any material changes with respect to financial risk assessment.
- Oversee the review by internal audit of the existence and effectiveness of CAE’s group-wide risk management program.
- Review the annual audited financial statements and actuarial valuation reports, if any, for the Supplementary Pension, Designated Executive Pension Plan, Employee Pension Plan, U.S. 401(K) Retirement Savings Plans and other material pension plans of the Company and its subsidiaries.

#### 4. ENGAGEMENT OF EXTERNAL AUDITORS

4.1 Recommend to the Board of Directors the appointment of the external independent auditor, which shall be accountable to the Board and the audit committee as representatives of the shareholders.

4.2 Review and approval of engagement letter. As part of this review the committee reviews and recommends to the Board of Directors for their approval the auditors’ fees for the annual audit. The Committee is responsible for the oversight of the work of the Company’s auditor for the purpose of preparing or issuing an audit report or related work, and the auditor shall report directly to the Committee. The Committee shall pre-approve the engagement of the external auditors for the audit, any audit-related services, advice with respect to taxation matters and other permitted services and fees for such services, including approval processes for any such service that comply with the requirements of regulatory authorities, stock exchanges and other applicable laws, regulations and requirements, as amended from time to time.

4.3 Receipt of a written statement not less than annually from the external auditor describing in detail all relationships between the auditor and CAE that may impact the objectivity and independence of the auditor. Review annually with the Board of

Directors the independence of the external auditors and either confirm to the Board of Directors that the external auditors are independent in accordance with applicable listing requirements, laws, regulations and other regulatory guidelines, or recommend that the Board of Directors take appropriate action to satisfy itself of the external auditors' independence. Review and approve CAE's hiring policies regarding partners, employees and former partners and employees of the present and former external auditor of CAE.

## **5. REVIEW AND DISCUSSION WITH EXTERNAL AUDITORS**

- 5.1 Review with the external auditors and management the annual external audit plans and agenda which would include objectives, scope, risks assessments, timing, materiality level and fee estimate.
- 5.2 Request and review an annual report prepared by the external auditors of any significant recommendations to improve internal control over financial reporting and corresponding management responses.
- 5.3 Request and review an annual report prepared by the external auditors regarding the auditor's internal quality-control procedures, material issues raised by the most recent internal quality-control review of the auditors, or by any inquiry or investigation by governmental or professional authorities, within the preceding 5 years, respecting one or more audits carried out by the auditors, and any steps taken to deal with any such issues.
- 5.4 Hold timely discussions with the external auditors regarding (i) critical accounting policies and practices, (ii) alternative treatments of financial information within generally accepted accounting principles related to material items discussed with management, ramifications thereof and treatment preferred by the external auditor, and (iii) other material written communication between the external auditor and management, including the management letter and schedule of unadjusted differences.
- 5.5 Meet to review and discuss with the external auditors the annual audited financial statements and quarterly financial statements, including disclosures in management discussion and analysis.
- 5.6 Meet separately, quarterly, with the external auditors (including the lead partner).
- 5.7 Make specific and direct inquiry of the external auditors' work relating to:
  - Performance of management involved in the preparation of financial statements.
  - Any restrictions on the scope of audit work.
  - The level of cooperation received in the performance of the audit.
  - The effectiveness of the work of internal audit.
  - Any unresolved material differences of opinion or disputes between management and the external auditors, and be directly responsible for overseeing the resolution of disagreements between management and the external auditors regarding financial reporting.
  - Any transactions or activities which may be illegal or unethical.
  - Independence of the external auditor including the nature and fees of non-audit services performed by external audit firm and its affiliates.
  - Any other matter so desired.
- 5.8 Provide evaluation and regular feedback to the external auditors.

## **6. REVIEW AND DISCUSSION WITH INTERNAL AUDITORS**

- 6.1 Review the annual internal audit plan including assessment of audit risk, planned activities, level and nature of reporting, audit organization and annual budget.
- 6.2 Periodically review the adequacy and effectiveness of the Company's disclosure controls and procedures and the Company's internal control over financial reporting, including any significant deficiencies and significant changes in internal controls.
- 6.3 Set and communicate to the director of internal audit high expectations and hold him/her and the department accountable for meeting them. Provide guidance on reported potential management lapses and evaluate the status and implementation of recommendations.
- 6.4 Meet separately, regularly, with the director of internal audit.
- 6.5 Make specific and direct inquiry of the internal auditors' work relating to:
  - Any significant recommendations to improve financial, operational and compliance internal controls and corresponding management responses.
  - The level of independence of internal audit.
  - Any material disagreement with management or scope or restrictions encountered in the course of the function's work.

- Any other matter so desired.
- 6.6 Discuss goals and evaluate the performance of the Director of Internal Audit. Oversee at least once every five years an external review of the internal audit function.
- 7. REVIEW AND DISCUSSION WITH MANAGEMENT**
- 7.1 Review and assess the adequacy and quality of organization, staffing and succession planning for accounting and financial responsibilities (including internal audit).
- 7.2 Review analyses prepared by management setting forth significant financial reporting issues and judgements made in connection with the preparation of the financial statements, including analyses of the effect of alternative and/or new GAAP methods on the financial statements.
- 7.3 Discuss with management the annual audited financial statements and quarterly financial statements and the independent auditor, including CAE's disclosures under Management's Discussion and Analysis of Financial Condition and Results of Operations ("MD&A").
- 7.4 Review with management the annual performance of external and internal audit and respond to results thereof.
- 7.5 Review at least annually with management:
- Tax compliance;
  - IT and Cyber-Security risks and controls; and
  - Capital structure appropriateness and efficiency.
- 8. REVIEW AND DISCUSSION WITH THE HUMAN RESOURCES COMMITTEE**
- 8.1 On request, provide support to the Human Resources Committee of the Board ("HR Committee") regarding management incentives and related topics (including compensation and appropriate use of corporate assets).
- 8.2 Support with the HR Committee in its assessment of the incentive structure and whether it contributes to increased fraud or other risks.
- 9. REVIEW OF PUBLIC DISCLOSURE DOCUMENTS**
- 9.1 Review all material public documents relating to CAE's financial performance, financial position or analyses thereon, including financial statements, MD&A, annual and interim earnings press releases and the Annual Information Form ("AIF"), prior to their release. Review and monitor practices and procedures adopted by the Company to assure compliance with applicable listing requirements, laws, regulations and other rules, and where appropriate, make recommendations or reports thereon to the Board of Directors. Discuss CAE's financial information and earnings guidance, if any, provided to analysts and rating agencies.
- 9.2 Review major issues regarding accounting principles and financial report presentations, including any significant changes in the accounting principles to be observed in the preparation of the accounts of the Company and its subsidiaries, or in their application; major issues as to the Company's internal controls; and any special audit steps adopted in light of material control deficiencies.
- 9.3 Prepare/review such reports of the Committee as may be required by any applicable securities regulatory authority to be included in the Company's management proxy circular or any other disclosure document of the Company.
- 9.4 The Committee shall review and approve the procedures set out in the Company's Corporate Communications & Disclosure Policy and will annually verify that adequate procedures exist within the Company for the review of its disclosure of financial information derived from its financial statements.
- 10. ETHICAL AND LEGAL COMPLIANCE**
- 10.1 Oversee, review, and annually update the Company's code of business conduct and the company's system to monitor compliance with and enforce this code.
- 10.2 Review, with the Company's general counsel, legal compliance and legal matters that could have a significant impact on the Company's financial statements.
- 11. OTHER RESPONSIBILITIES**
- 11.1 The Board may refer from time to time such matters relating to the financial affairs and risk management of the Company as the Board may deem appropriate.
- 12. MEETINGS**
- 12.1 The Committee shall meet at such times as deemed necessary by the Board or the Committee and shall report regularly to

the Board.

**13. ENGAGEMENT OF PROFESSIONAL SERVICES**

- 13.1 The Committee is authorized to engage independent counsel, and other advisers, as it determines necessary to carry out its duties. The Company shall provide for appropriate funding, as determined by the Committee, for such services.

**14. HANDLING OF COMPLAINTS**

- 14.1 The Committee shall maintain procedures for the receipt, retention and treatment of complaints received by the Company regarding accounting, internal accounting controls or auditing matters, and the confidential, anonymous submission by employees of the Company of concerns regarding questionable accounting or auditing matters.

**15. ANNUAL REVIEW**

- 15.1 The Committee shall review and assess the adequacy of its mandate annually, report to the Board of Directors thereon and recommend to the Board of Directors (for approval) any proposed changes to its processes, procedures and agendas, as well as this charter.
- 15.2 The Committee shall also perform an annual evaluation of the composition (including considering periodically rotating its members), independence and performance of the Committee and shall report to the Chairman of the Governance Committee of the CAE Board of Directors thereon.

**16. ORIENTATION AND CONTINUING EDUCATION**

- 16.1 Identify and participate where appropriate or necessary in continuing audit committee education reading and/activities.