

Think Canada Think Bottom Line Think Aerospace Industry Think Investment



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Aerospace - an Established Platform

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Why Canada?

The Aerospace Edge

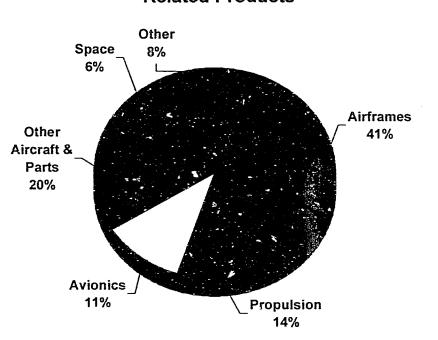
Summary



- Approximately 700 firms with 92,000 employees
- Gross Sales of \$19.6 Billion in 1999
- Invested approximately \$800 Million in R&D (1999)
- Globally competitive with exports of 71% of output
- Extensively integrated in the global aerospace and defence industries

Source: Industry Canada. Canada's Aerospace Industry, 1999/2000 Statistical Survey Preliminary Results.

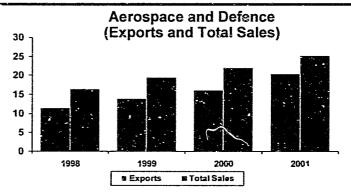
- Significant capabilities in all product segments...
- ...with particular strengths in commercial aircraft and dual-use electronics
- ...and a strong aerospace and defense service industry



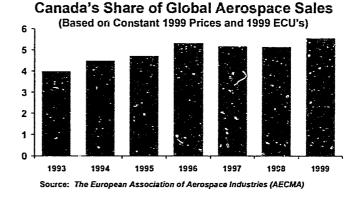
Canada's Aerospace and Defence-Related Products

A Continuously Strong Record of Performance...

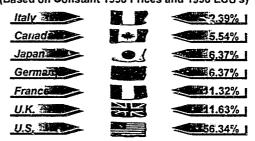
- In 1999, aerospace sales by the G-7 totaled \$196 billion \$ U.S.
- Continued strong growth in past three years
- From 1976 to 1998, Canada's share of world production more than tripled
- Canada was sixth in sales in 1999



Source: Industry Canada. Canada's Aerospace Industry, 1999/2060 Statistical Survey Preliminary Results



Aerospace Output, 1998 7 Largest Western Aerospace Nations (Based on Constant 1998 Prices and 1998 ECU's)



Source: The European Association of Aerospaca industries (AECMA)

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Company	Product Lines	% World Market Share	
Bell Helicopter Canada	Civil helicopters	50	
Bombardier	20-90 seat turboprop and turbojet regional aircraft	40	
CAE	Commercial simulator Visual simulation sector	75 70	
Various companies	Landing gear New large aircraft landing gear	30 60	
Pratt & Whitney Canada	Small gas turbine engines	35	
AlliedSignal	Transport aircraft environmental control systems	60	

Strategic International Partnerships

- USA (NASA) partner for over 3 decades from Alouette to RADARSAT
- special relationship with the European Space Agency for over 2 decades
- only non-European country with quasi-associate status
- extensive bilateral cooperation with other European and Asian countries
- World leading capabilities
 - space robotics and moveable spacecraft antennas (EMS and MD Robotics)
 - many space microwave subsystems (COM DEV)
 - turn-key earth observation data receiving, processing, archiving and distribution (MDA)
 - Satellite communications systems consulting (Telesat)
 - Synthetic Aperture Radar (MDA)
- Larger export proportion than other spacefaring nations

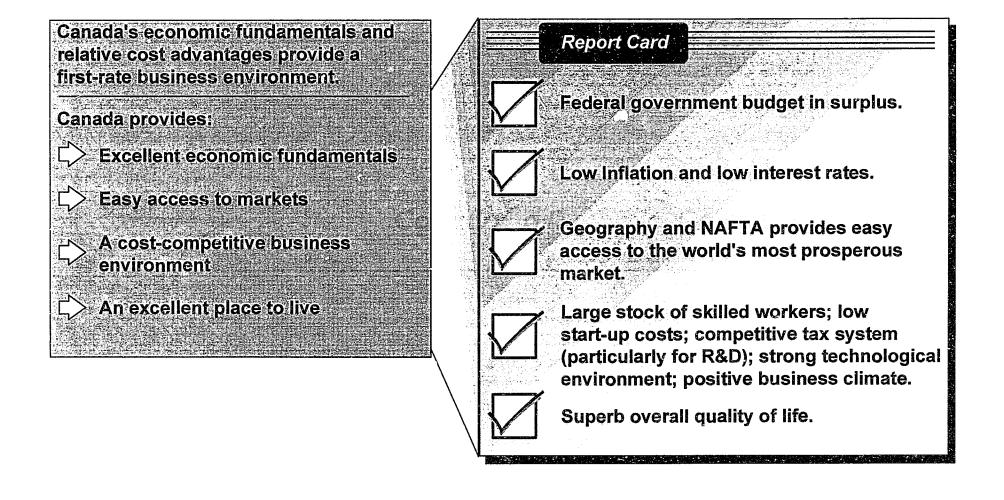
Aerospace - an Established Platform



The Aerospace Edge

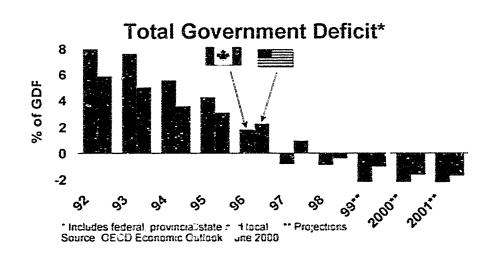
Summary

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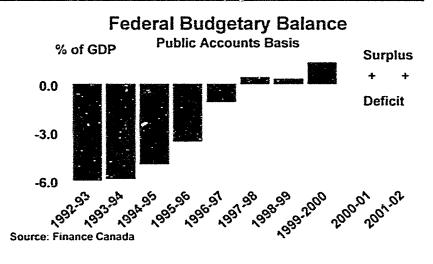
A Balanced Fiscal Situation

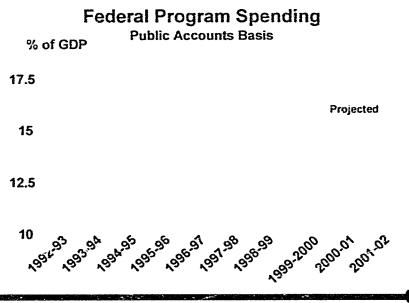
- Canada's fiscal situation has turned around dramatically:
 - In 1992, Canada's deficit (as a percentage of GDP) was 8.0%, the second highest in the G-7 and significantly above the U.S. rate.
 - However, by 1997, Canada posted a surplus the first G-7 country in the 1990s. In 1999, Canada had the highest financial surplus relative to GDP of the G-7 countries.
 - Federal government spending (as a % of GDP) is at a 50-year low, the key source of the Canadian fiscal turnaround.



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The Institute for Management Development ranked Canada as the best fiscally managed country in the G-7 in 2000





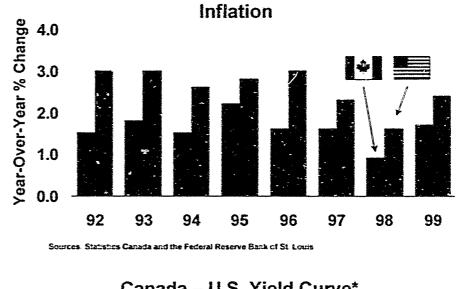
Low Inflation and Low Interest Rates

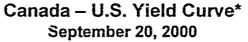
- The federal government and the Bank of Canada have an inflation target that locks the inflation rate in the 1% to 3% range.
 - Over the past five years, Canadian inflation averaged 1.6% — 30% lower than the U.S. rate.
- Canada's excellent fiscal situation and low inflation are reflected in low domestic interest rates.
 - Canadian rates are below comparable U.S. rates across all maturities.

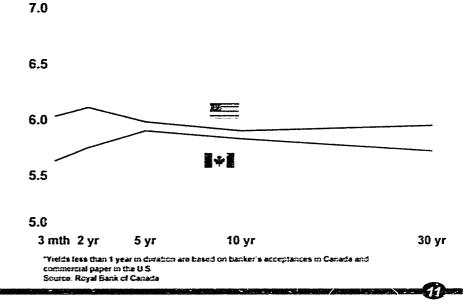
"Long-term interest rates are expected to remain slightly below comparable US rates, given less intensive capacity pressures than in the United States and Canada's improving fiscal position."

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OECD Economic Outlook June 2000

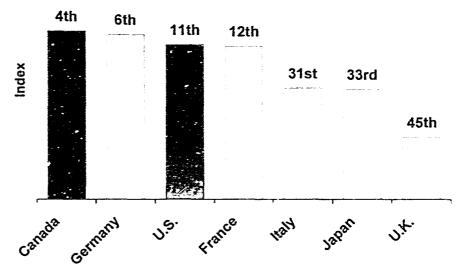






- Canada's flexible exchange rate provides a buffer against temporary world economic shocks (such as the "Asian flu" of August 1998).
 - Top executives from around the world rank Canada's exchange rate policy the best in the G-7 for supporting the competitiveness of businesses.

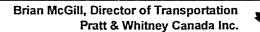
Exchange Rate Regime — World Rank*

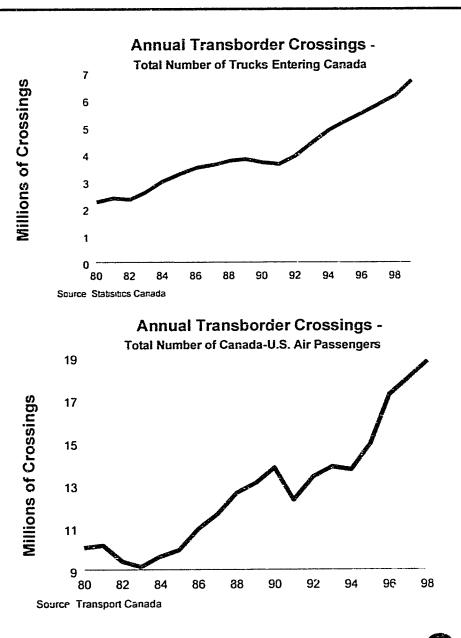


* Exchange rate policy as evaluated by the Executive Opinion Survey Source: The World Competitiveness Yearbook, 2000

- Since the enactment of the North American Free Trade Agreement (NAFTA) in 1994, Canada provides long-term assured access to the North American market — nearly 400 million people with a combined GDP of over \$9.4 trillion (\$U.S.).
- In addition to eliminating tariffs, NAFTA provides procedures for:
 - border facilitation;
 - movement of personnel;
 - investment and intellectual property protection; and
 - product certification.
- Automated permit ports, transponder identification systems and joint processing centres are being tested and deployed.

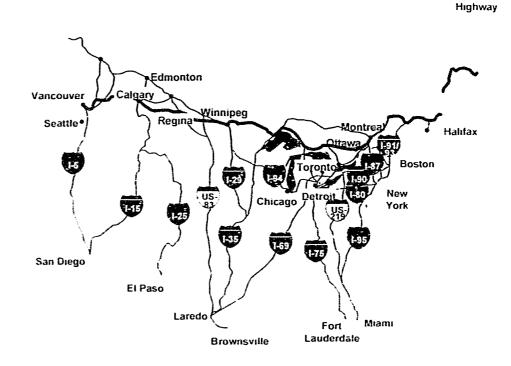
"Pratt & Whitney has a worldwide distribution network. Customs operations have been streamlined to the point that the Canada-US border piays no role in our distribution system."





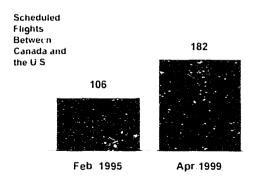
TransCanada

- The North American market is serviced through a well integrated transportation system, which is among the best in the world.
- This infrastructure supports the world's largest trade partnership, moving well over \$1 billion/day in traded goods.



- Almost half of the U.S. population lives within a 10 hour drive of Toronto, and over 60 percent within a two hour flight.
- Business travel between Canada and the U.S. has increased considerably since the inception of the "Open Skies*" Agreement (February, 1995)
- Direct air service between major cities in Canada and the U.S. has nearly doubled in 4 years. "Under "Open Skies" Canadian Air Carriers gained unlimited rights to establish routes from any point in Canada to any point in the United States. Similarly, U.S. carriers also gained unlimited access to the Canadian market (with a phase in period for up to three years)

Increase in Transborder Routes Since Open Skies

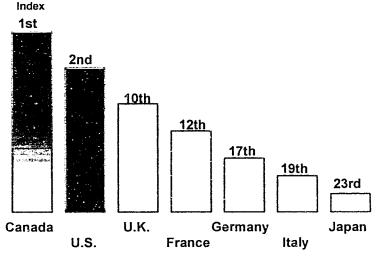


Source: Transport Canada

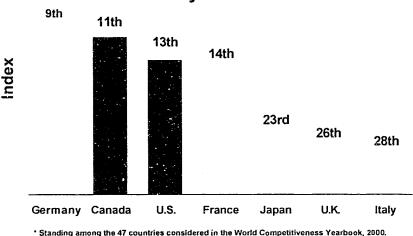


- The overall skill level of Canada's workforce ranks high among competing countries.
- Plus, anecdotal evidence abounds that a shortage of capable workers is a more serious problem in the U.S. than in Canada, and that it is on the rise.
 - According to "Bridging the Gap: Information Technology Skills for a New Millennium" (Information Technology Association of America, April 10, 2000), the US faces a shortage of 800,000 IT workers in 2000.

Knowledge Workers — World Rank*



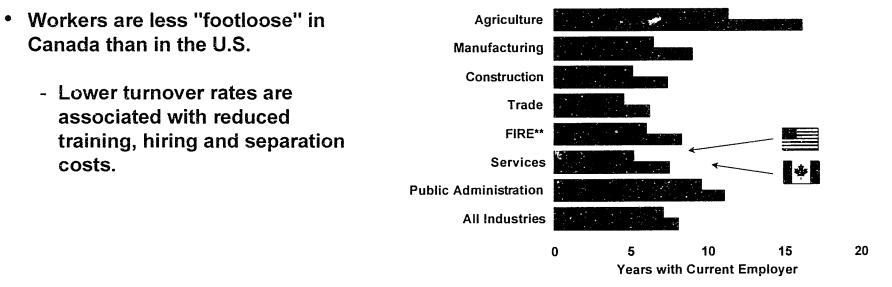
^{*} Tertiary education enrolment among 59 countries considered in the Global Competitiveness Report 2000 Source: Global Competitiveness Report 2000



Availability of Skilled Labour*

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Average Job Tenure by Industry Group — 1998*



*U.S. data is based on the Current Population Survey (February 1998). Canadian data is an annual average. **FIRE is Finance, Insurance and Real Estate in the U.S. In Canada, FIRE also includes Leasing. Source: U.S. Bureau of Labor Statistics and Statistics Canada

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% Corporate tax rate in 1996 Impact of 60 five-vear tax Current or reduction announced plan 50 40 30 いわた 20 Japan Canada U.S. Germany France Italy U.K.

Statutory Corporate Tax Rate (Service Sector)

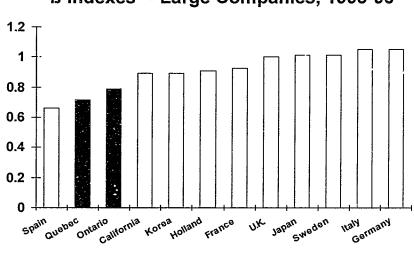
- · Canadian locations compare well in terms of corporate income taxes across North America.
 - The federal government's February 2000 Budget has also put in place sharp cuts in corporate taxes, to take effect over a five-year period.

Rates effective by 2004, based on changes announced to October 2000. Rates include the income tax rate equivalent of capital taxes, where this information is available.

Source: KPMG Corporate Tax Rate Survey (Jan 2000); Ernst&Young International Tax Services; OECD Tax Database; Department of Finance calculations

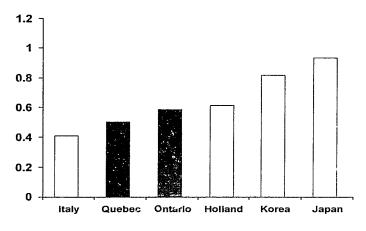
Top Statutory Corporate Inco Canada vs. United St		es
Jurisdictions	2000	2005
Canada		
 Federal (incl. Surtax) 	29.12	22.12
 Fed manufacturing 	22.12	22.12
• Ontario	14.5	8.0
 Alberta 	15.5	8.0
 Combined fed-prov. average 	43.0	31.8
United States		
Federal/States combined average	39.0	39.0
Source: Department of Finance		

- Canada's Scientific Research and Experimental Development tax credits, in combination with provincial tax credits, rank second when compared with other OECD aerospace nations
- Canadian support levels have remained relatively stable since the early 1980s.
- Of the OECD nations offering R&D tax incentives to small firms, Canada ranks second.



ß-Indexes* - Large Companies, 1995-96





Source: The Conference Board of Canada, 1997

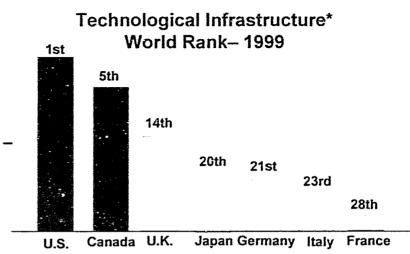
 The ß-index measures a tax system's impact on the private sector decision to invest in R&D.

- Technology Partnerships Canada invests in technology development programs
- National Research Council
 - Institute for Aerospace Research aerospace R&D and testing
 - Industrial Research Assistance Program support for small and medium-sized Canadian firms
 - The Aerospace Manufacturing Technology Centre (AMTC) facilitate next generation manufacturing, particularly among SMEs.
- Export Development Corporation (EDC) export financing and insurance services
- Industrial and Regional Benefits (IRB) industrial participation in major Crown procurements
- Granting councils support university and project research through partnerships of universities with industry
- **Defence Industry Research Program** financial and scientific support for industryinitiated research
- Canadian Commercial Corporation –guarantees contract performance for Canadian exporters, especially for sales to governments

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- Canada's technological infrastructure is second only to the U.S. among the G-7 — we rank above or very close to the U.S. in terms of:
 - internet users and internet hosts,
 - computers per capita, and
 - computer instructions per second.
- Building a universal, competitive, leading edge "Information Highway" is a government priority.
- Technology works best in the hands of highly skilled individuals. Canada is considered to have the best overall technology-people combination in the world.

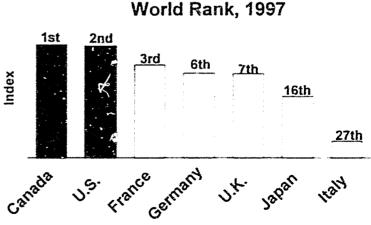
"CAE has developed world leading simulation and imagery capabilities in Canada. Our successes are due in large part to the technology infrastructure and trained workforce available to us here."



* Standing among 4G countries. Index based on 12 charactenstics including investment in telecommunications, computers in use, computer power, internet connections, number of telephone lines, cost of telephone calls and use of robotics.

Technological Potential*

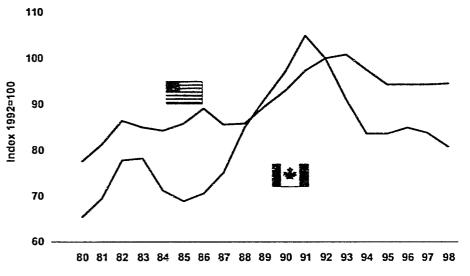
Source World Competitiveness Yearbook, 2000



^{*} Standing among 38 countries. Index based on several information technology and human capital characteristics including the availability of direct-dial international service, number of fax machines per capita, computing power in the country per capita, enrolment in tertiary schools, quality of scientific research institutions and power generation capacity Source: Global Competitiveness Report, 1997

- Growing productivity, skilled workers, and low labour costs make businesses competitive.
 - Canada's competitive position vis-à-vis the U.S. has improved substantially since 1991.

Manufacturing Unit Labour Cost Index \$U.S. Basis



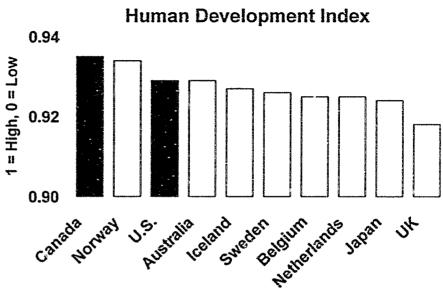
Source: U.S. Department of Labor, Bureau of Labor Statistics, August 1999

" Our records for safety and productivity place the TMMC team among the industry's best. And when it comes to quality, vehicles built at our Cambridge facility are artlong the highest rated vehicles in North America."

> Takanori (Tak) Sakaue, President Toyota Motor Manufacturing Canada Inc.



- Canada ranks first on the UN Human Development Index for the seventh year in a row.
- Canadian advantages include:
 - high-quality, low cost education;
 - universal health care;
 - clean, safe, cosmopolitan cities; and
 - diverse cultural and recreational amenities.



Source: United Nations, Human Development Report, 2000

Vancouver & Toronto — The best cities in the world from an executive or professional point of view (Corporate Resource Group, Geneva)

Toronto is rated as the best city in the world in which to work and live (Fortune Magazine)

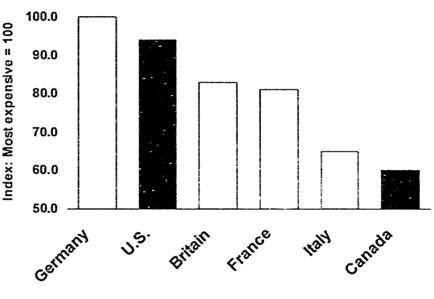
Canadian Cities provide:

- Multicultural and diverse population
- Industrious, well-educated workforce
- Low crime rates; strong sense of community
- Diversity in culture, entertainment and recreation
- Excellent public education and healthcare
- Low cost of living
- Effective civic administration

 The overall cost of doing business is considerably lower in Canada than in other industrialized nations. On average, costs are about 40% lower in Canada than in Germany, the most expensive country of those examined in the Economist Intelligence Unit. Business costs are roughly 36% lower in Canada than in the United States.

As well as having the lowest cost business environment, Canada also:

- Is fully integrated into the North American free trade economy, with easy movement of people, goods and services
- Has excellent infrastructure including telecom, highways, rail, air transport, electricity, water and gas
- Has sophisticated financial services national banks, stock exchanges, major investment houses - all tied into global networks
- Has fiscally responsible governments that have achieved low inflation and major deficit reductions while sustaining quality services



Business Costs*

* Index based on various business costs including. wages, costs for expatriate staff, air travel and subsistence, corporation taxes, perceived corruption levels, office and industrial rents, and road transport. Data for Japan is not available. Source: The Economist (EUI). January 24, 1998

- The economic policies of the government of Canada are focused on making Canada a world leader in the global knowledge-based economy of the 21st century. Commitments include:
 - Making Canada the most connected nation by the year 2000;
 - Shaping a "National System of Innovation"; and
 - Providing marketplace frameworks/services benchmarked against the best in the world.

"A knowledge-based workforce, a competitive R&D tax structure, government support programs such as Technology Partnerships Canada, and well-established infrastructure in Canada: these attributes make Canada the top choice for Pratt and Whitney in considering future R&D investments in the ever-competitive world of aerospace."

Gilles P. Ouimet, President Pratt & Whitney Canada Inc.

Aerospace - an Established Platform

Why Canada?



Summary

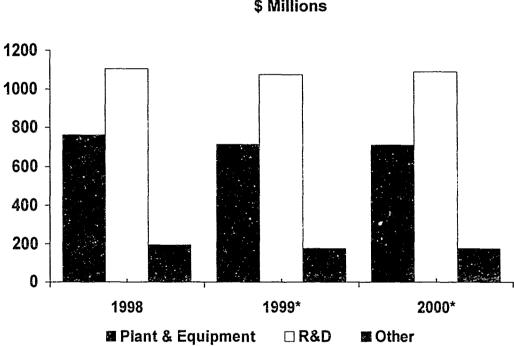
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Canadian-based companies offer investors unique opportunities

- Team with Canadian-based multinationals, including:
 - Bombardier Aerospace third largest commercial airliner manufacturer
 - Pratt & Whitney Canada small gas turbine power for the world
 - CAE corners the commercial flight simulator market
 - Bell Helicopter Canada one of the world's leading commercial helicopter manufacturer
- Access capabilities of companies that supply the OEMs, e.g.:
 - Avcorp Winner of a Gold Award for entrepreneurial achievement at the Canadian Productivity Awards
 - Haley Industries one of the world's most technologically advanced foundries
 - NMF Canada world leader in processing large, machined wing panels
 - Spar Aviation Services one of only 11 Lockheed-approved C-130 Maintenance and Modification Centres.
 - Composites Atlantic advanced composite components for commercial aircraft, space structures, rocket motor cases, etc.

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- Total investment in the aerospace industry reached \$2.12 billion in 1999.
- Investment in R&D peaked at \$1 billion plus (1998) — will continue in \$800 million range through 2001.



Source: Industry Canada. Canada's Aerospace Industry, 1999/2000

Statistical Survey Preliminary Results.

Distribution of Investment Expenditure \$ Millions

* estimated

"Magellan Aerospace competes globally and is dedicated to creating technology, new products and jobs in its operations."

> Richard R. Neill, President Magellan Aerospace Corp.

- The U.S.A. consumes 50% of G-7 aerospace production with a strong domestic industry.
- Canada has a special relationship to access this market
 - For U.S. military purchases, Canada is considered part of the North American Defence Industrial Base
 - Special trade agreements can facilitate participation in US military projects
 - Defence Production Sharing Agreement
 - Defence Development Sharing Agreement
- The U.S. market accounts for the majority of Canadian aerospace and defence exports – on average \$5B annually. Boeing alone purchases in excess of \$800M from Canadian companies.
- 60% of the Canadian aerospace and defence industry output is attributed to subsidiaries of US firms operating in Canada – a high level of cross-border integration.

Some Investors Who Have Chosen Canada



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31

Why Canada?

The Aerospace Edge



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Canada: The Best Investment Destination in the Industrialized World

Key Indicators			0	
Lowest Deficit	2	1	4	3
Lowest Inflation	2	3	1	3
Highest Growth in 99/2000	1	2	4	3
Knowledge Workers	1	2	4	3
Lowest Labour Costs	1	2	4	3
Network Infrastructure	2	1	3	4
Lowest R&D Costs	1	2	4	3
Highest Quality of Life	1	3	2	4

Sources: 1999 United Nations Human Development Report; OECD; Conference Board of Canada; Statistics Canada; Federal Reserve Bank of St. Louis; U.S. Bureau of Labor Statistics; KPMG Management Consulting; International Monetary Fund; and 1999 Global Competitiveness Report.

Canada offers:

- A balanced, healthy industry with international market access
- A competitive, highly productive workforce
- A supportive government/industry partnership
- Unique access to the NAFTA market

Canada's Aerospace Industry is:

- Diversified
- A world leader in several markets
- Out-performing the competition
- Commercial market focused / Export Oriented
- · Well-positioned to compete globally

"Aerospace is truly a global business and these wins [move of Power Management and Generating systems to Toronto, expansion of plants in Montreal and Summerside, and investment of more than \$50 million in a new headquarters, engineering and manufacturing facility] for Canada were made possible by the excellent business climate here: sound fiscal management in the public sector, attractive R&D tax incentives, and unique opportunities to partner with Governments to achieve growth.

It is clear to me that the decisions taken at the Corporate level of our global business to focus our growth here show great confidence in Canada."

> David O'Blenis, President, Honeywell Canada



- Canada's economic fundamentals are excellent — government policies are geared toward competitiveness.
- Canada provides assured access to the world's richest economy, in addition to having a large and growing domostic market of its own.
- Canada provides a cost-competitive and future-oriented environment for business:
 - quality, productive workers;
 - a competitive tax system;
 - prime locations for R&D activities;
 - abundant energy at low prices; and
 - an excellent infrastructure.
- Canada is an outstanding place to live, invest and do business.



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Contact:

Canada

Aerospace and Automotive Branch Industry Canada 235 Queen Street Ottawa, Ontario K1A 0H5

> Ron Watkins Director General (613) 954-3343 watkins.ron@ic.gc.ca

Erech Morrison Team Leader Investment (613) 954-3445 morrison.erech@ic.gc.ca

For more information, visit Strategis, Industry Canada's awardwinning Web site: http://strategis.gc.ca/aerodef_e R&D Tax Credit: John Jones Science Policy Coordinator Scientific Research Section of Revenue Canada Tel.: (613) 941-1130 Fax: (613) 957-3622 e-mail: john.jones2@ms.rc.gc.ca

Technology Partnerships Canada (TPC): James Roberge Deputy Executive Director and Director Aerospace and Defence Industry Canada Tel.: (613) 941-6738 Fax: (613) 954-9117 e-mail: roberge.james@ic.gc.ca

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