AVIATION CONSULTING

FEASIBILITY STUDY & BUSINESS CASE

Niagara District Airport & Niagara Central Airport

February 2020 www.hmaero.ca



OVERVIEW

• **Study Purpose:** Determine potential to position airports as stronger economic drivers in Niagara Region

• Study Scope:

Infrastructure Assessment Financial Review Future Airport Roles Business Opportunities Development Concepts Cost Estimates Business Plan (20-Year)

Study Assumptions & Exclusions:

Airport Governance Review Airport Ownership Change Discussions Assumes Status Quo Ownership and Operations

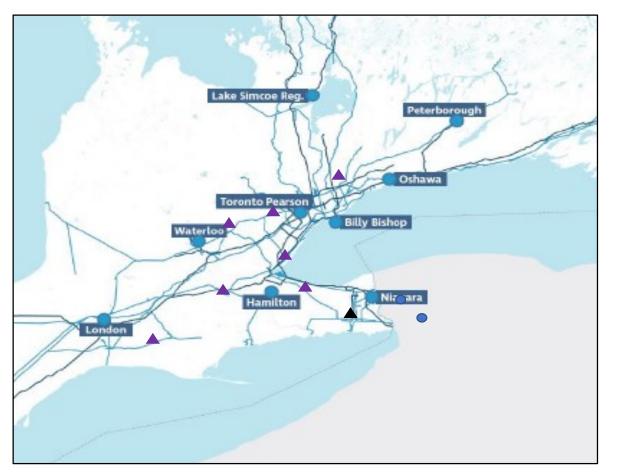








AIRPORT ROLES



Relevant Competing Airports: Southern Ontario

NIAGARA CENTRAL AIRPORT

- <u>Registered Aerodrome (No Scheduled Passenger Service)</u>
- General Aviation Commercial
- Charter Passenger Operations
- Flight Training
- Recreational Flying

NIAGARA DISTRICT AIRPORT

- <u>Certified Airport (Scheduled Passenger Service)</u>
- Charter Passenger and Air Cargo
- Air Tour Operators
- General Aviation Commercial & Industrial
- Flight Training & Recreation
- Corporate/Business Aviation





HISTORICAL FINANCIAL SUMMARY

Niagara Central Airport

Table 5.2 – Historical Financial Statement Summary – Niagara Central Airport

	2014	2015	2016	2017	2018
Revenue					
Fuel Operations	\$22,657	\$30,316	\$39,682	\$18,538	\$6,425
Interest	\$627	\$935	\$477	\$390	\$1,138
Other	\$35,767	\$4,653	\$38,587	\$29,728	\$37,974
Donations					\$1,435
Rentals	\$63,564	\$74,110	\$73,841	\$88,735	\$79,689
Total Gross Revenue	\$122,615	\$110,014	\$152,587	\$137,391	\$126,661
Operating Expenses					
Amortization	\$15,113	\$14,348	\$17,911	\$29,742	\$60,348
Property Taxes	\$31,862	\$32,258	\$23,208	\$5,931	\$28,010
Salaries and Wages	\$50,242	\$49,754	\$51,280	\$42,681	\$33,526
Repairs and Mainenance	\$15,122	\$26,265	\$23,461	\$122,701	\$23,012
Insurance	\$8,082	\$8,109	\$14,984	\$16,192	\$17,535
Light, Heat, Water	\$9,600	\$9,880	\$9,019	\$9,222	\$14,519
Consulting	\$5,900	\$4,206	\$5,400	\$7,000	\$14,145
Interest on Loans				\$4,771	\$12,560
Promotion and Marketing	\$12,985	\$282	\$3,042	\$1,654	\$8,793
Legal, audit and accounting	\$11,886	\$6,974	\$6,578	\$5,898	\$4,353
Office	\$9,431	\$13,378	\$14,419	\$9,728	\$2,709
Honorariums	\$1,350	\$1,225	\$1,325	\$1,100	\$1,249
Total Expenses	\$171,573	\$166,679	\$170,627	\$256,620	\$220,759
Income - Expenses	-\$48,958	-\$56,665	-\$18,040	-\$119,229	-\$94,098
Profit / Loss	Loss	Loss	Loss	Loss	Loss
Municipal Grants	\$80,300	\$84,450	\$82,800	\$121,556	\$82,219

- Grants Account for 65% of 'Revenue'
- Largest Source of Real Revenue: 'Rentals'
- Expenses Exceeded Revenues Past 6 Years
- 2018 Budgeted Earnings for Fuel: \$40K, Realized Approximately \$6.5K
- \$400K Loan Shown in Financial Statements
- Cost/Revenue Gap Continues to be Extensive
- Unconventional Financial Decisions Made:
 - Hangar Roof Rehabilitations
 - Airside Pavement Rehabilitations
 - Fuel Concession Arrangement



INFRASTRUCTURE ASSESSMENT

Niagara Central Airport

Niagara Central Dorothy Rungeling Airport	Condition	Remaining Service Life
Runway 05-23	Poor	0-1 Years
Runway 16-34	Poor	0-1 Years
Taxiway B	Poor	0-1 Years
Taxiway A	Good	8-10 Years
Apron I	Fair	6-8 Years
Access Road	Fair	6-8 Years
Parking – West Lot	Poor	1-2 Years
Parking – East Lot	Good	6-8 Year

Table 4.2 – Pavement Infrastructure Assessment Summary – Niagara Central Airport



Runway 05-23



Seaplane Dock/Ramp



Taxiway Bravo

- Runway 05-23, Runway 16-34 and Taxiway 'B' Require Immediate Rehabilitation - \$2.3 Million
- West Parking Lot Poor Condition
- Questionable Infrastructure Rehabilitation
 Decisions Made in the Past
- Municipal Water and Sewer Not Provided
 - Sanitary Upgrades Recommended
- Airport Owned Buildings Fair to Good Condition
 - Hangar 1 Roof Rehabilitated in 2017
 - Temporary Air Terminal Facility
- Minor Upgrades Water Aerodrome Ramp
- Prioritize Airport Investments: Airport Master Plan



BUSINESS DEVELOPMENT OPPORTUNITIES

Niagara Central Airport

		1-5 Years (Short Term)	6-10 Years (Medium Term)	11-20 Years (Long Term)					
Business	General Aviation Commercial	Aircraft Maintenance Organization (AMO) (Year 5)	Aircraft Maintenance Organization (AMO) (Year 5)	Aircraft Maintenance Organization (AMO) (Year 5)					
Opportunities (High Potential)	General Aviation Recreational	Hangar Developments (3) T-Hangar (Year 1)	Hangar Developments (5)	Hangar Developments (5) T-Hangar (Year 11)					
	Non-Aeronautical	Food Services (Restaurant)							
Business Opportunities (Low Potential)	Tourism Outfitters Great Lakes Cruise Tour Package Opportunities Charter Passenger Air Services High Volume Professional Flight Training Aviation Industrial Development (MRO) Cargo Charter Services								



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REVENUE AND EXPENDITURES FORECAST



Niagara Central Airport

Niagara Central Airport

Forecast Revenue and Expense Statement

Forecast Revenue and Expense Statement									Short	Term					Medium Tern	1		Long Term
	Rate	2014	2015	2016	2017	2018	2019	1 2020	2 2021	3 2022	4 2023	5 2024	6 2025	7 2026	8 2027	9 2028	10 2029	11-20 2030-2039
Revenue																		
Fuel Operations	3%	\$22,657	\$30,316	\$39,682	\$18,538	\$6,425	\$6,618	\$6,816	\$7,021	\$7,231	\$7,448	\$7,672	\$7,902	\$8,139	\$8,383	\$8,635	\$8,894	\$105,015
Interest	2%	\$627	\$935	\$477	\$390	\$1,138	\$1,161	\$1,184	\$1,208	\$1,232	\$1,256	\$1,282	\$1,307	\$1,333	\$1,360	\$1,387	\$1,415	\$15,803
Other	2%	\$35,767	\$4,653	\$38,587	\$29,728	\$37,974	\$38,733	\$39,508	\$40,298	\$41,104	\$41,926	\$42,765	\$43,620	\$44,493	\$45,382	\$46,290	\$47,216	\$527,341
Donations	2%					\$1,435	\$1,464	\$1,493	\$1,523	\$1,553	\$1,584	\$1,616	\$1,648	\$1,681	\$1,715	\$1,749	\$1,784	\$19,928
Rentals (Existing)	2%	\$63,564	\$74,110	\$73,841	\$88,735	\$79,689	\$81,283	\$82,908	\$84,567	\$86,258	\$87,983	\$89,743	\$91,538	\$93,368	\$95,236	\$97,140	\$99,083	\$1,106,633
Rentals (New Land Leases)	\$1.61							\$9,832	\$10,029	\$10,229	\$13,912	\$20,679	\$24,711	\$28,896	\$33,239	\$37,744	\$45,663	\$647,161
Rentals (New T Hangar Revenues)	\$1,200							\$1,224	\$2,497	\$3,820	\$5,196	\$6,624	\$8,108	\$9,649	\$11,248	\$12,907	\$14,628	\$255,899
Total Gross Revenue		\$122,615	\$110,014	\$152,587	\$137,391	\$126,661	\$129,258	\$142,966	\$147,142	\$151,428	\$159,306	\$170,381	\$178,835	\$187,560	\$196,563	\$205,853	\$218,683	\$2,677,779
Operating Expenses																		
Amortization	2%	\$15,113	\$14,348	\$17,911	\$29,742	\$60,348	\$61,555	\$62,786	\$64,042	\$65,323	\$66,629	\$67,962	\$69,321	\$70,707	\$72,121	\$73,564	\$75,035	\$838,046
Property Taxes	2%	\$31,862	\$32,258	\$23,208	\$5,931	\$28,010	\$28,570	\$29,142	\$29,724	\$30,319	\$30,925	\$31,544	\$32,175	\$32,818	\$33,475	\$34,144	\$34,827	\$388,972
Salaries and Wages	2%	\$50,242	\$49,754	\$51,280	\$42,681	\$33,526	\$34,197	\$34,880	\$35,578	\$36,290	\$37,015	\$37,756	\$38,511	\$39,281	\$40,067	\$40,868	\$41,685	\$465,572
Repairs and Mainenance	2%	\$15,122	\$26,265	\$23,461	\$122,701	\$23,012	\$23,472	\$23,942	\$24,421	\$24,909	\$25,407	\$25,915	\$26,434	\$26,962	\$27,501	\$28,051	\$28,613	\$319,565
Insurance	2%	\$8,082	\$8,109	\$14,984	\$16,192	\$17,535	\$17,886	\$18,243	\$18,608	\$18,980	\$19,360	\$19,747	\$20,142	\$20,545	\$20,956	\$21,375	\$21,803	\$243,507
Light, Heat, Water	2%	\$9,600	\$9,880	\$9,019	\$9,222	\$14,519	\$14,809	\$15,106	\$15,408	\$15,716	\$16,030	\$16,351	\$16,678	\$17,011	\$17,352	\$17,699	\$18,053	\$201,624
Consulting	2%	\$5,900	\$4,206	\$5,400	\$7,000	\$14,145	\$14,428	\$14,716	\$15,011	\$15,311	\$15,617	\$15,930	\$16,248	\$16,573	\$16,905	\$17,243	\$17,588	\$196,430
Interest on Loans	2%				\$4,771	\$12,560	\$12,811	\$13,067	\$13,329	\$13,595	\$13,867	\$14,145	\$14,427	\$14,716	\$15,010	\$15,311	\$15,617	\$174,419
Promotion and Marketing	2%	\$12,985	\$282	\$3,042	\$1,654	\$8,793	\$8,969	\$9,148	\$9,331	\$9,518	\$9,708	\$9,902	\$10,100	\$10,302	\$10,508	\$10,719	\$10,933	\$122,107
Legal, audit and accounting	2%	\$11,886	\$6,974	\$6,578	\$5,898	\$4,353	\$4,440	\$4,529	\$4,619	\$4,712	\$4,806	\$4,902	\$5,000	\$5,100	\$5,202	\$5,306	\$5,412	\$60,450
Office	2%	\$9,431	\$13,378	\$14,419	\$9,728	\$2,709	\$2,763	\$2,818	\$2,875	\$2,932	\$2,991	\$3,051	\$3,112	\$3,174	\$3,238	\$3,302	\$3,368	\$37,620
Honorariums	2%	\$1,350	\$1,225	\$1,325	\$1,100	\$1,249	\$1,274	\$1,299	\$1,325	\$1,352	\$1,379	\$1,407	\$1,435	\$1,463	\$1,493	\$1,523	\$1,553	\$17,345
Total Operating Expenses		\$171,573	\$166,679	\$170,627	\$256,620	\$220,759	\$225,174	\$229,678	\$234,271	\$238,957	\$243,736	\$248,610	\$253,583	\$258,654	\$263,827	\$269,104	\$274,486	\$3,065,657
Gross Revenue (-) Operating Expenses		-\$48,958	-\$56,665	-\$18,040	-\$119,229	-\$94,098	-\$95,916	-\$86,712	-\$87,129	-\$87,528	-\$84,430	-\$78,230	-\$74,748	-\$71,094	-\$67,264	-\$63,251	-\$55,803	-\$387,877
Total Capital Expenses (see Page 2)								\$2,391,587	\$849,691	\$0	\$0	\$0	\$1,484,522	\$134,290	\$433,134	\$0	\$0	\$354,537
Total Expenses		\$171,573	\$166,679	\$170,627	\$256,620	\$220,759	\$225,174	\$2,621,265	\$1,083,962	\$238,957	\$243,736	\$248,610	\$1,738,104	\$392,944	\$696,961	\$269,104	\$274,486	\$3,420,193
Income - Expenses		-\$48,958	-\$56,665	-\$18,040	-\$119,229	-\$94,098	-\$95,916	-\$2,478,299	-\$936,820	-\$87,528	-\$84,430	-\$78,230	-\$1,559,269	-\$205,384	-\$500,398	-\$63,251	-\$55,803	-\$742,414
Profit / Loss		Loss	Loss	Loss	Loss	Loss	Loss	Loss	Loss	Loss	Loss	Loss	Loss	Loss	Loss	Loss	Loss	Loss
Municipal Grants		\$48,958	\$84,450	\$82,800	\$121,556	\$82,219	\$95,916	\$2,478,299	\$936,820	\$87,528	\$84,430	\$78,230	\$1,559,269	\$205,384	\$500,398	\$63,251	\$55,803	\$742,414





HISTORICAL FINANCIAL SUMMARY

Niagara District Airport

		2014	2015	2016	2017	2018
Income						
	Events	\$774	\$7,455	\$4,950	\$600	\$8,417
	Fuel operations	\$17,902	\$19,840	\$23,864	\$25,678	\$24,286
	Interest	\$1,620	\$2,383	\$2,401	\$2,596	\$4,709
	Landing and Parking	\$16,974	\$15,317	\$25,631	\$45,068	\$67,466
	Misc	\$12,171	\$12,908	\$17,776	\$21,787	\$31,753
	Deferred Revenue	\$0	\$44,721	\$0	\$12,996	\$622
	Rentals	\$207,799	\$214,255	\$224,024	\$220,400	\$178,520
Total Gro	ss Income	\$257,240	\$316,879	\$298,646	\$329,125	\$315,773
Operating	g Expenses					
	Maintenance-Building	\$30,366	\$79,899	\$36,139	\$50,279	\$59,663
	Maintenance- Vehicles	\$36,415	\$45,764	\$55,202	\$50,492	\$65,764
	Operations	\$141,913	\$132,402	\$156,395	\$265,084	\$178,877
	Personnel	\$301,866	\$294,164	\$337,161	\$413,059	\$404,983
Total Ope	erating Expenses	\$510,560	\$552,229	\$584,897	\$778,914	\$709,287
Total Exp	enses	\$510,560	\$552,229	\$584,897	\$778,914	\$709,287
	Expenses	-\$253,320	-\$235,350	-\$286,251	-\$449,789	-\$393,514
Profit / Lo	oss	Loss	Loss	Loss	Loss	Loss
Municipa	Grants	\$328,500	\$305,001	\$356,400	\$435,326	\$396,064

Table 5.1 – Historical Financial Statement Summary – Niagara District Airport

- Grants Account for 55% of 'Revenue'
- Largest Source of Real Revenue: 'Rentals'
 - Decreased by 19% 2017-2018 Sale of Allied Hangar
- 2nd Largest Source of Real Revenue: Landing & Parking Fees:
 - Grown Since FlyGTA Initiated Service
 - Challenges With Rates and Charges
- Maintenance and Personnel Costs Increased Over 5 Year Period
- Personnel Costs 57% of Expenses in 2018
- Subsidies Required to Continue Operations
- Additional Capital Required to Fund Rehabilitations





INFRASTRUCTURE ASSESSMENT

Niagara District Airport

Niagara District Airport	Condition	Remaining Service Life
Nagara District Aliport	Condition	Kemaining Service Life
Runway 06-24	Fair/Good	8-10 Years
Runway 11-29	Very Poor	0 Years
Runway 01-19	Very Poor	0-1 Years
Taxiway A	Good	8-10 Years
Taxiway B	Very Good	10-15 Years
Taxiway C	Good	8-10 Years
Taxiway D	Poor	0-1 Years
Apron I	Fair	5-8 Years*
Access Roads	Fair	8-10 Years
Parking	Good	10+ Years

Table 4.1 – Pavement Infrastructure Assessment Summary – Niagara District Airport

*Apron I is considered to be in Fair Condition. However, localized improvements in front of Allied Aviation are required in the immediate term (0-1 Years)



Runway 01-19



Runway 11-29 & Taxiway Delta



Air Terminal Building

- Runway 11-29, 01-19 and Taxiway 'D' Require
 Immediate Rehabilitation \$1.13 Million
- Primary Runway, Apron and Taxiway Network in 'Fair' to 'Very Good' Condition
- Air Terminal Building Constructed in 2010
- Sanitary Sewer Extraneous Flows CCTV Req'd.
- Minor Improvements/Repairs Required:
 - Genaire Hangar
 - Maintenance Facility
- Infrastructure Currently In Place to Support Economic Growth at the Airport
- Prioritize Airport Investments: Airport Master Plan



BUSINESS DEVELOPMENT OPPORTUNITIES

Niagara District Airport

			1-5 Years (Short Term)	6-10 Years (Medium Term)	11-20 Years (Long Term)
<section-header><section-header><text></text></section-header></section-header>	S C H E	Niagara District - Toronto Billy Bishop Airport	9-Seat Aircraft 30% Annual Growth 7,000 Annual Pax 15,000 Annual Mvts (Year 1)	9-Seat Aircraft 3% Annual Growth 21,000 Annual Pax 18,000 Annual Mvts (Year 6)	9-Seat Aircraft 3% Annual Growth 24,000 Annual Pax 21,000 Annual Mvts (Year 11)
	D U L D	Niagara District – Montreal St. Hubert Airport	19-Seat Aircraft 75% Load Factor 4 Times/Week (Seasonal) 3,500 Annual Pax 240 Annual Mvts. (Year 3)	19-Seat Aircraft 75% Load Factor 8 Times/Week (Seasonal) 7,000 Annual Pax 480 Annual Mvts (Year 8)	74-Seat Aircraft 75% Load Factor 8 Times/Week (Seasonal) 27,000 Annual Pax 480 Annual Mvts (Year 15)
	C H A R T E R	Niagara District – New York City	74-Seat Aircraft 90% Load Factor 2 Times/Week (Seasonal) 8,000 Annual Pax 120 Annual Movements (Year 4)	74-Seat Aircraft 90% Load Factor 4 Times/Week (Seasonal) 16,000 Annual Pax 240 Annual Movements (Year 7)	74-Seat Aircraft 90% Load Factor 8 Times/Week (Seasonal) 32,000 Annual Pax 480 Annual Movements (Year 15)



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BUSINESS DEVELOPMENT OPPORTUNITIES (2)

Niagara District Airport

		1-5 Years (Short Term)	6-10 Years (Medium Term)	11-20 Years (Long Term)								
Commercial Business Opportunities	General Aviation Commercial	New Fixed Base Operator (FBO) – 30,000 sq' (Year 3) Commercial Hangar Developments (1) – 15,000 sq' New Aircraft Maintenance Organization (Year 2)	Commercial Hangar Developments (2) – 15,000 sq'	Commercial Hangar Developments (3) – 15,000 sq'								
(High Potential)	General Aviation Industrial			New Maintenance, Repair and Overhaul (MRO) – 30,000 sq' (Year 15)								
	General Aviation Recreational	New Recreational Hangar Developments (3) – 2,500 sq' New T-Hangar Developments (Year 3)	New Recreational Hangar Developments (3) – 2,500 sq'	New Recreational Hangar Developments (2) – 2,500 sq' New T-Hangar Developments (Year 13)								
	Non-Aeronautical											
(Low Potential)		Aviation Education Partnerships Charter Passenger Services – Sun Destinations Cargo Charter Services										



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REVENUE AND EXPENDITURES FORECAST

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Niagara District Airport 20-Year Financial Foreast				Year:		0	1	2	Short Term 3	4	5	6	7	Medium Term 8	9	10	Long Term 11-20
Passenger Forecast (E/D) 3%					2018 4,764	2019 5,485	2020 7,131	2021 9,270	2022 15,471	2023 27,180	2024 32,225	2025 33,192	2026 41,439	2027 45,557	2028 46,924	2029 48,332	2030-2039 764,406
Movement Forecast Total					40,292	41,501	42,746	44,028	45,589	47,077	48,489	49,944	51,562	53,349	54,949	56,598	669,847
									Short Term					Medium Term			Long Term
				Year:		0	1	2	3	4	5	6	7	8	9	10	11-20
Rate (Existing)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030-2039
Events 2%	\$774	\$7,455	\$4,950	\$600	\$8,417	\$8,585	\$8,757	\$8,932	\$9,111	\$9,293	\$9,479	\$9,668	\$9,862	\$10,059	\$10,260	\$10,465	\$116,886
Fuel operations 2%	\$17,902	\$19,840	\$23,864	\$25,678	\$24,286	\$24,772	\$25,267	\$25,772	\$26,288	\$26,814	\$27,350	\$27,897	\$28,455	\$29,024	\$29,604	\$30,197	\$337,257
Interest 2%	\$1,620	\$2,383	\$2,401	\$2,596	\$4,709	\$4,803	\$4,899	\$4,997	\$5,097	\$5,199	\$5,303	\$5,409	\$5,517	\$5,628	\$5,740	\$5,855	\$65,393
Landing and Parking 2% Misc 2%	\$16,974 \$10,474	\$15,317	\$25,631	\$45,068	\$67,466	\$68,815 \$20,288	\$70,192	\$71,595	\$73,027 \$24,270	\$74,488	\$75,978 \$25,750	\$77,497 \$26,474	\$79,047 \$27,004	\$80,628	\$82,241 \$38,707	\$83,885	\$936,893
Misc 2% Deferred Revenue 2%	\$12,171 \$0	\$12,908 \$44,721	\$17,776 \$0	\$21,787 \$12,996	\$31,753 \$622	\$32,388 \$634	\$33,036 \$647	\$33,697 \$660	\$34,370 \$673	\$35,058 \$687	\$35,759 \$700	\$36,474 \$714	\$37,204 \$729	\$37,948 \$743	\$38,707 \$758	\$39,481 \$773	\$440,951 \$8.638
Rentals 2%	\$207,799	\$214,255	\$224,024	\$220,400	\$178,520	\$182,090	\$185,732	\$189,447	\$193,236	\$197,101	\$201,043	\$205,063	\$209,165	\$213,348	\$217,615	\$221,967	\$2,479,088
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Revenue (New)																	
Fuel Operations Per L Landing Fees \$20							\$78,523 \$163,912	\$80,878 \$249,708	\$84,505 \$260,799	\$87,640 \$270,423	\$90,269 \$278,536	\$92,977 \$286,892	\$96,366 \$297,299	\$100,457 \$309,817	\$103,471 \$319,112	\$106,575 \$328,685	\$1,266,179 \$3,904,336
Landing Fees \$20 Passenger Fees \$20							\$71,305	\$249,708 \$92,697	\$260,799 \$154.705	\$270,423 \$271,803	\$322,255	\$200,092 \$331,922	\$297,299 \$414,389	\$455,574	\$469,241	\$483,318	\$3,904,338 \$7,615,025
Rentals (Land Leases) varies							\$6,918	\$27,122	\$73,724	\$81,873	\$83,510	\$113,034	\$115,294	\$140,277	\$143,083	\$122,120	\$2,321,106
T Hangars \$2.37							\$0	\$0	\$2,666	\$2,719	\$2,774	\$2,829	\$2,886	\$2,943	\$3,002	\$3,062	\$62,094
Vehicle Parking \$9							\$15,183	\$15,183	\$29,610	\$32,985	\$32,985	\$46,656	\$50,022	\$64,449	\$64,449	\$64,449	\$1,288,629
Total Gross Revenue	\$257,240	\$316,879	\$298,646	\$329,125	\$315,773	\$322,088	\$664,371	\$800,688	\$947,812	\$1,096,081	\$1,165,939	\$1,237,034	\$1,346,234	\$1,450,896	\$1,487,283	\$1,500,834	\$20,842,474
Operating Expenses (Existing)																	
Maintenance-Building Inflation 2%	\$30,366	\$79,899	\$36,139	\$50,279	\$59,663	\$60,856	\$62,073	\$63,315	\$64,581	\$65,873	\$67,190	\$68,534	\$69,905	\$71,303	\$72,729	\$74,183	\$828,534
Maintenance-Vehicles Inflation 2%	\$36,415	\$45,764	\$55,202	\$50,492	\$65,764	\$67,079	\$68,421	\$69,789	\$71,185	\$72,609	\$74,061	\$75,542	\$77,053	\$78,594	\$80,166	\$81,769	\$913,258
Operations Inflation 2%	\$141,913	\$132,402	\$156,395	\$265,084	\$178,877	\$182,455	\$186,104	\$189,826	\$193,622	\$197,495	\$201,445	\$205,473	\$209,583	\$213,775	\$218,050	\$222,411	\$2,484,046
Personnel Inflation + 1% 3%	\$301,866	\$294,164	\$337,161	\$413,059	\$404,983	\$417,132	\$429,646	\$442,536	\$455,812	\$469,486	\$483,571	\$498,078	\$513,020	\$528,411	\$544,263	\$560,591	\$6,619,346
Operating Expenses (New)																	
CBSA Costs Per FTE 2%										\$22,510	\$23,185	\$23,881	\$49,195	\$50,671	\$52,191	\$53,757	\$1,037,850
New Personnel Costs Per FTE 2%							\$30,000	\$31,212	\$31,836	\$32,473	\$33,122	\$33,785	\$34,461	\$35,150	\$35,853	\$127,994	\$1,488,971
Total Operating Expenses	\$510,560	\$552,229	\$584,897	\$778,914	\$709,287	\$727,523	\$776,244	\$796,678	\$817,037	\$860,446	\$882,575	\$905,294	\$953,217	\$977,903	\$1,003,252	\$1,120,706	\$13,372,005
Gross Revenue (-) Operating Expenses	-\$253,320	-\$235,350	-\$286,251	-\$449,789	-\$393,514	-\$405,434	-\$111,873	\$4,011	\$130,775	\$235,636	\$283,365	\$331,740	\$393,018	\$472,993	\$484,032	\$380,128	\$7,470,469
Projeced Rehabilitation Costs						\$0	\$487,641	\$701,400	\$0	\$0	\$0	\$904,901	\$0	\$3,039,645	\$1,348,441	\$0	\$277,632
Projected Capital Costs						\$0 \$0	\$0	\$1,567,183	\$713,650	\$5,490,953	\$0 \$0	\$737,036	\$0 \$0	\$0,009,040 \$0	\$0	\$0 \$0	\$726,319
Total Expenses	\$510,560	\$552,229	\$584,897	\$778,914	\$709,287	\$727,523	\$1,263,885	\$3,065,261	\$1,530,686	\$6,351,399	\$882,575	\$2,547,230	\$953,217	\$4,017,548	\$2,351,693	\$1,120,706	\$14,375,956
Income - Expenses	-\$253,320	-\$235,350	-\$286,251	-\$449,789	-\$393,514	-\$405,434	-\$599,514	-\$2,264,572	-\$582,875	-\$5,255,317	\$283,365	-\$1,310,197	\$393,018	-\$2,566,652	-\$864,409	\$380,128	\$6,466,518
Profit / Loss	Loss	Loss	Loss	Loss	Loss	Loss	Loss	Loss	Loss	Loss	Profit	Loss	Profit	Loss	Loss	Profit	Profit
Municipal Grants	\$328,500	\$305,001	\$356,400	\$435,326	\$396,064	\$405,434	\$599,514	\$2,264,572	\$582,875	\$5,255,317	-\$283,365	\$1,310,197	-\$393,018	\$2,566,652	\$864,409	-\$380,128	-\$6,466,518



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REVENUE AND EXPENDITURES SUMMARY



			Short Term					Medium Term			Long Term
	1	2	3	4	5	6	7	8	9	10	11-20
Niagara District Airport	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030-2039
Total Gross Revenue	\$664,371	\$800,688	\$947,812	\$1,096,081	\$1,165,939	\$1,237,034	\$1,346,234	\$1,450,896	\$1,487,283	\$1,500,834	\$20,842,474
Total Operating Expenses	\$776,244	\$796,678	\$817,037	\$860,446	\$882,575	\$905,294	\$953,217	\$977,903	\$1,003,252	\$1,120,706	\$13,372,005
Gross Revenue (-) Operating Expenses	-\$111,873	\$4,011	\$130,775	\$235,636	\$283,365	\$331,740	\$393,018	\$472,993	\$484,032	\$380,128	\$7,470,469
Total Capital Expenses	\$487,641	\$2,268,583	\$713,650	\$5,490,953	\$0	\$1,641,937	\$0	\$3,039,645	\$1,348,441	\$0	\$1,003,951
Total Expenses	\$1,263,885	\$3,065,261	\$1,530,686	\$6,351,399	\$882,575	\$2,547,230	\$953,217	\$4,017,548	\$2,351,693	\$1,120,706	\$14,375,956
Municipal Grants	\$599,514	\$2,264,572	\$582,875	\$5,255,317	-\$283,365	\$1,310,197	-\$393,018	\$2,566,652	\$864,409	-\$380,128	-\$6,466,518
Niagara Central Airport											
Total Gross Revenue	\$142,966	\$147,142	\$151,428	\$159,306	\$170,381	\$178,835	\$187,560	\$196,563	\$205,853	\$218,683	\$2,677,779
Total Operating Expenses	\$229,678	\$234,271	\$238,957	\$243,736	\$248,610	\$253,583	\$258,654	\$263,827	\$269,104	\$274,486	\$3,065,657
Gross Revenue (-) Operating Expenses	-\$86,712	-\$87,129	-\$87,528	-\$84,430	-\$78,230	-\$74,748	-\$71,094	-\$67,264	-\$63,251	-\$55,803	-\$387,877
Total Capital Expenses	\$2,391,587	\$849,691	\$0	\$0	\$0	\$1,484,522	\$134,290	\$433,134	\$0	\$0	\$354,537
Total Expenses	\$2,621,265	\$1,083,962	\$238,957	\$243,736	\$248,610	\$1,738,104	\$392,944	\$696,961	\$269,104	\$274,486	\$3,420,193
Municipal Grants	\$2,478,299	\$936,820	\$87,528	\$84,430	\$78,230	\$1,559,269	\$205,384	\$500,398	\$63,251	\$55,803	\$742,414
Total Municipal Grants											
(Both Airports)	\$3,077,812	\$3,201,392	\$670,403	\$5,339,747	- <u>\$205,13</u> 5	\$2,869,466	- <u>\$187,633</u>	\$3,067,050	\$927,661	-\$324,325	<u>-\$5,724,104</u>
	Loss	Loss	Loss	Loss	Profit	Loss	Profit	Loss	Loss	Profit	Profit

Total 20-Year Capital Investment: \$21.6 Million



Expected New Revenue (20-Year) With Capital Investment:

\$43.7 Million



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CONCLUSIONS

Feasibility Study and Business Case – Niagara District and Niagara Central Airports



Transportation Access To/From GTA – Potential Barrier to Economic Growth in Niagara



Niagara District Airport: Not Able to Reach Full Potential Under Current Governance Model



Both Airports Supported by Subsidies Artificially Closing Cost-Revenue Gaps



Both Airports Support Different Roles – Both Important to Niagara's Economy



More Business-Like Focus Required to Better Position Airports as Economic Drivers



Other Airport Developments and Land Uses Should be Examined Within Airport Master Plans



Annual Operating Costs Much Lower at Niagara Central Airport – Not Certified



Demand for Recreational Hangar Development Lands in Southern Ontario – Niagara Central



Niagara District Airport Expected to Close Cost-Revenue Gap if Investments are Made



Airport Governance Changes Could Result in Better Financial Performance





QUESTIONS

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