



CITY OF NAPLES AIRPORT AUTHORITY

QUARTERLY NOISE REPORT

NUMBER 38

For the period

April 1, 2006 through June 30, 2006

Prepared by
Airport Operations

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**PART I
AIRCRAFT OPERATIONS**

INTRODUCTION

This is the thirty-eighth Quarterly Noise Report prepared by the City of Naples Airport Authority - Airport Operations Department. This report is informational in nature. The data included in this report tracks aircraft operations, noise complaints and noise monitoring results obtained from five (5) monitoring locations surrounding the airport (Appendix D). The information contained in this report is fiscal year (Oct. – Sept.). All percentages are rounded to the nearest percent.

AIRCRAFT OPERATIONS

Table I, page 2, Airport Traffic Summary, contains aircraft movement data from FAA Form 7230-1 and after hour statistics recorded by the City of Naples Airport Authority Security Officers. Naples Air Traffic Control Tower is operational from 6:00 AM through 10:00 PM. A single movement represents either one arrival or one departure by the indicated aircraft category.

This Quarter Compared to Previous Quarter

Compared to the previous quarter, air carrier traffic has decreased by 41%, general aviation activity has decreased by 17% and total traffic decreased by 19%, from 42,274 operations to 34,075. The daily average for the Third Quarter was 375 operations.

This Quarter Compared to the Same Period One Year Ago

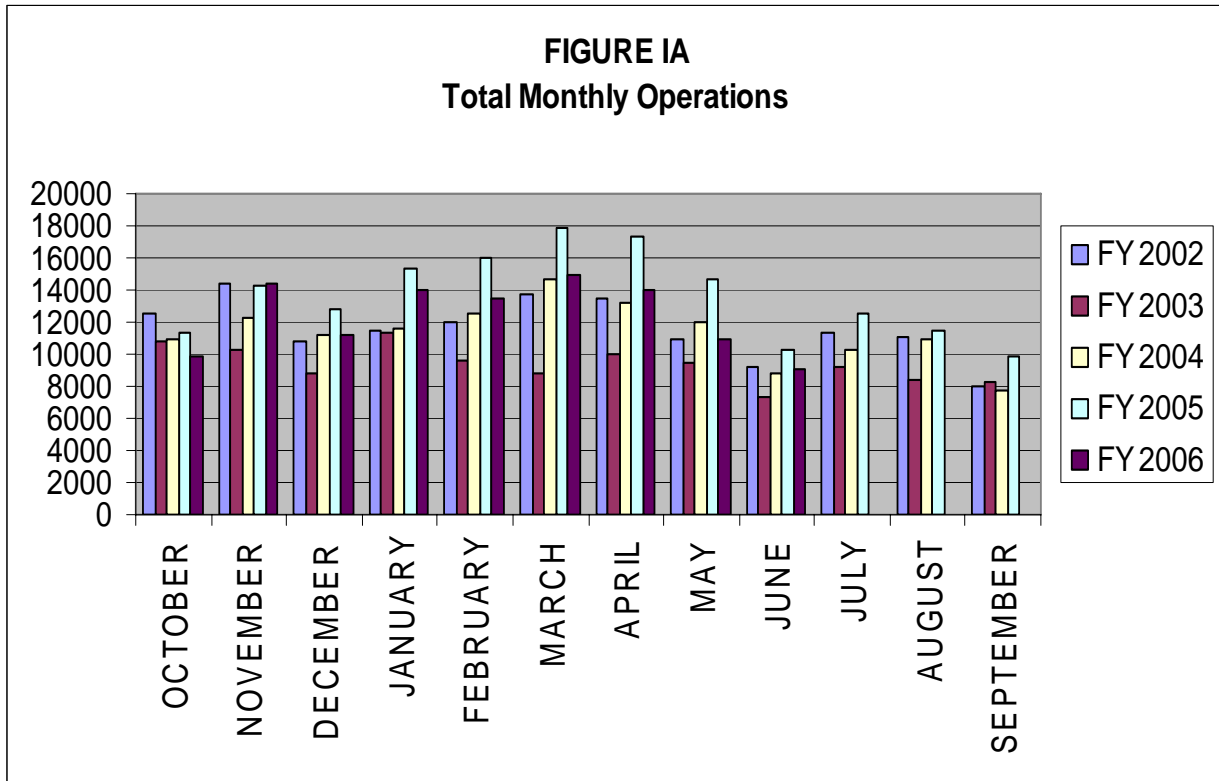
Compared to the same period last year, air carrier traffic has decreased by 15% and general aviation air traffic has decreased 19%. Total air traffic operations decreased by 19% from 42,107 operations to 34,075.

Table I

AIRPORT TRAFFIC SUMMARY
Landings and Takeoffs
Fiscal Years 2005-2006

YEAR	AIR CARRIER	GENERAL AVIATION	MILITARY	TOTAL TRAFFIC	DAILY AVERAGE
2005					
APRIL	1,854	15,408	6	17,268	576
MAY	863	13,751	13	14,627	472
JUNE	654	9,546	12	10,212	340
TOTALS FOR 3rd QUARTER	3,371	38,705	31	42,107	463
JULY	444	12,081	2	12,527	404
AUGUST	462	10,948	13	11,423	369
SEPTEMBER	538	9,358	2	9,898	330
TOTALS FOR 4th QUARTER	1,444	32,387	17	33,848	368
TOTALS FOR FY05	13,890	149,429	115	163,434	449
2006					
OCTOBER	801	9,094	30	9,925	320
NOVEMBER	1,254	13,188	3	14,445	482
DECEMBER	1,178	10,018	6	11,202	361
TOTALS FOR 1st QUARTER	3,233	32,300	39	35,572	388
JANUARY	1,535	12,412	16	13,963	450
FEBRUARY	1,656	11,758	13	13,427	480
MARCH	1,652	13,230	2	14,884	480
	4,843	37,400	31	42,274	470
APRIL	1,352	12,685	4	14,041	468
MAY	894	10,020	-	10,914	352
JUNE	613	8,507	-	9,120	304
TOTALS FOR 3rd QUARTER	2,859	31,212	4	34,075	375

Figure IA below illustrates the airport's month-by-month total operational levels for fiscal years 2002, 2003, 2004, 2005 and 2006.



There was a 19% decrease in overall airport operations during the Third Quarter of 2006 when compared to the same period in 2005. Even though this year's operations are below that of last year, when analyzing the data for the last four fiscal years, it appears that airport operations continue to increase at an average of approximately four percent (4%) per year.

Night Time Operations

Figure IB, below, illustrates the airport's total nighttime (10:00 PM – 7:00 AM) operational levels for fiscal year 2002, 2003, 2004, 2005 and 2006.

Total nighttime operations have decreased by sixteen percent (16%) in the Third Quarter of 2006 when compared to the Third Quarter 2005 statistics. Jet operations occurring at night decreased by 16 and single and multi-engine aircraft operations decreased by 116.

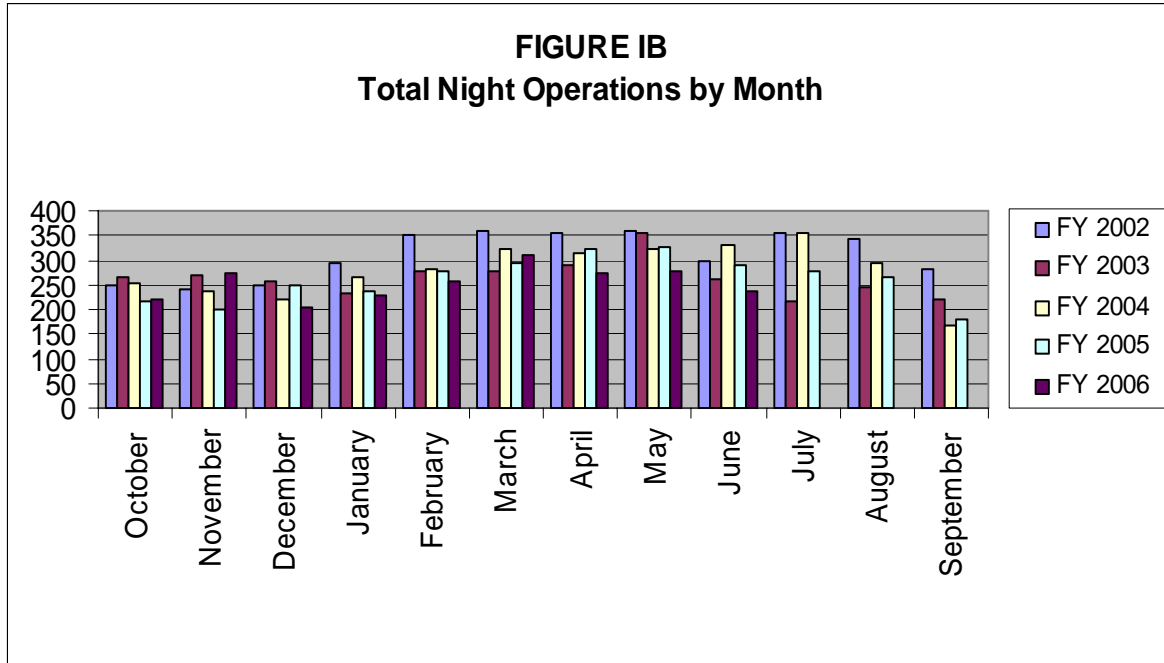


Table II, below, summarizes the types of nighttime operations occurring at the airport during the previous five quarters. Nighttime operations include voluntary curfew hours (10:00 PM through 7:00 AM). Reported nighttime operations have decreased by 16% when compared to the same time last year.

As compared to the same time last year, the number of air ambulance operations has increased by two (2) operations. Single and Multi-engine aircraft operations have decreased by 25%. Public Service operations represent 23% of the activity occurring at night. Nighttime operations accounted for two percent (2%) of the overall operations for the Third Quarter of 2006.

Table II
Quarterly Air Traffic Nighttime Operations Summary – by Fiscal Year

Activity	3 rd 2005	4 th 2005	1 st 2006	2 nd 2006	3 rd 2006
Jets					
Air Ambulance	0	3	8	8	2
Air Carrier	118	114	98	105	85
GA	166	84	204	296	181
Subtotal Jets	284	201	310	409	268
Single & Multi-engine (includes air carrier & GA)	461	383	233	279	345
Public Service					
Mosquito Control Operations	74	41	14	0	22
Collier Sheriff's Office	89	67	107	95	121
EMS	31	32	35	13	35
Coast Guard	0	0	0	2	0
Subtotal Public Service	194	140	156	110	178
Total	939	724	699	798	791

Table II A, depicts the percentage of nighttime operations as compared to total operations for the last five fiscal years. Night operations represent two percent (2%) of the total operations for FY 04 and FY 05. This is a one percent (1%) decrease when compared to FY 01 – 03.

Table II A
Fiscal Year Percentage of Nighttime Operations

Fiscal Year	Total Operations	Night Operations	% of Night Ops	Jet as % of Night Ops
2001	138,298	3,598	3%	19%
2002	138,790	3,736	3%	21%
2003	112,308	3,168	3%	23%
2004	136,128	3,361	2%	23%
2005	163,434	3,130	2%	34%*

* Delta began CRJ service in FY05 and had 328 nighttime operations. Without Delta's operations, the percentage of jet night operations in FY05 would have been twenty-four percent (24%) of the total nighttime operations.

PART II CITIZEN COMPLAINTS

Table III, on page 7, is a summary of citizen noise complaints separated according to four geographical areas (Quadrants). Below is a sample representation of the neighborhoods in each Quadrant. Every neighborhood in the area is not included in this list, although it is included in the Quadrant total.

Northeast Quadrant - Briarwood, Coconut River Estates, Golden Gate, Grey Oaks, Hawks Ridge, Wyndemere, and surrounding northeast areas.

Northwest Quadrant - Bears Paw, Coconut River Estates, Coquina Sands, Country Club of Naples, Lake Forest, Lake Park, Park Shore, Ridge Lakes, River Estates, River Reach, Sun Terrace, Moorings, Wilderness, and surrounding northwest areas.

Southwest Quadrant - Aqualane Shores, Old Naples, Port Royal, Royal Harbor, and surrounding southwest neighborhoods.

Southeast Quadrant - Brookside, Coconut Grove, Flamingo Estates, Foxfire, Kings Lake, Lakewood, Naples Gardens, Rock Creek Campground, The Glades, and surrounding neighborhoods.

The analysis will include the specific nature of the complaint, whether it was an arriving or departing aircraft or an overflight. Complaints relative to nighttime Mosquito Control operations, Air Ambulance Flights, Sheriff's Office and EMS helicopter operations are included in this report.

This Quarter Compared to Previous Quarter

This quarter's noise complaints, compared to the previous quarter, have increased from 125 to 166. Complaints received from neighborhoods to the northeast of the airport have increased by 17, from the northwest they have decreased by 9, from the southeast they have decreased by 5, from the southwest increased by 37 and unknown increased by 1.

This Quarter Compared to the Same Period One Year Ago

Compared to the same period last year, the total number of complaints increased by 59 calls. Complaints received from neighborhoods to the northeast of the airport have increased by 11, from the northwest decreased by 1, from the southeast they have decreased by 9, from the southwest increased by 57 and unknown increased by 1. Total complaints received have increased from 107 to 166.

Table III

AIRPORT NOISE COMPLAINT SUMMARY
Fiscal Years 2005-2006

YEAR	Northeast	Northwest	Southeast	Southwest	Unknown Location	Monthly Total
2005						
APRIL	9	2	6	56	-	73
MAY	7	1	5	17	-	30
JUNE	-	-	1	3	-	4
TOTALS FOR 3rd QUARTER	16	3	12	76	-	107
JULY	-	-	-	4	-	4
AUGUST	-	-	1	2	-	3
SEPTEMBER				2		2
TOTALS FOR 4th QUARTER	-	-	1	8	-	9
TOTALS FOR FY05	39	18	31	307	6	401
2006						
OCTOBER	-	-	-	2	-	2
NOVEMBER	5	5	7	9	1	27
DECEMBER	2	2	1	18	-	23
TOTALS FOR 1st QUARTER	7	7	8	29	1	52
JANUARY	2	9	6	12	-	29
FEBRUARY	4	-	-	50	-	54
MARCH	4	2	2	34	-	42
TOTALS FOR 2nd QUARTER	10	11	8	96	-	125
APRIL	12	1	3	116		132
MAY	14	1	-	15	1	31
JUNE	1			2		3
TOTALS FOR 3rd QUARTER	27	2	3	133	1	166

Figure IIA, below, graphically compares the noise complaints received by geographical areas based on data collected during the Third Quarter of 2006. Total complaints for this quarter have increased 55% when compared to the same period one year ago.

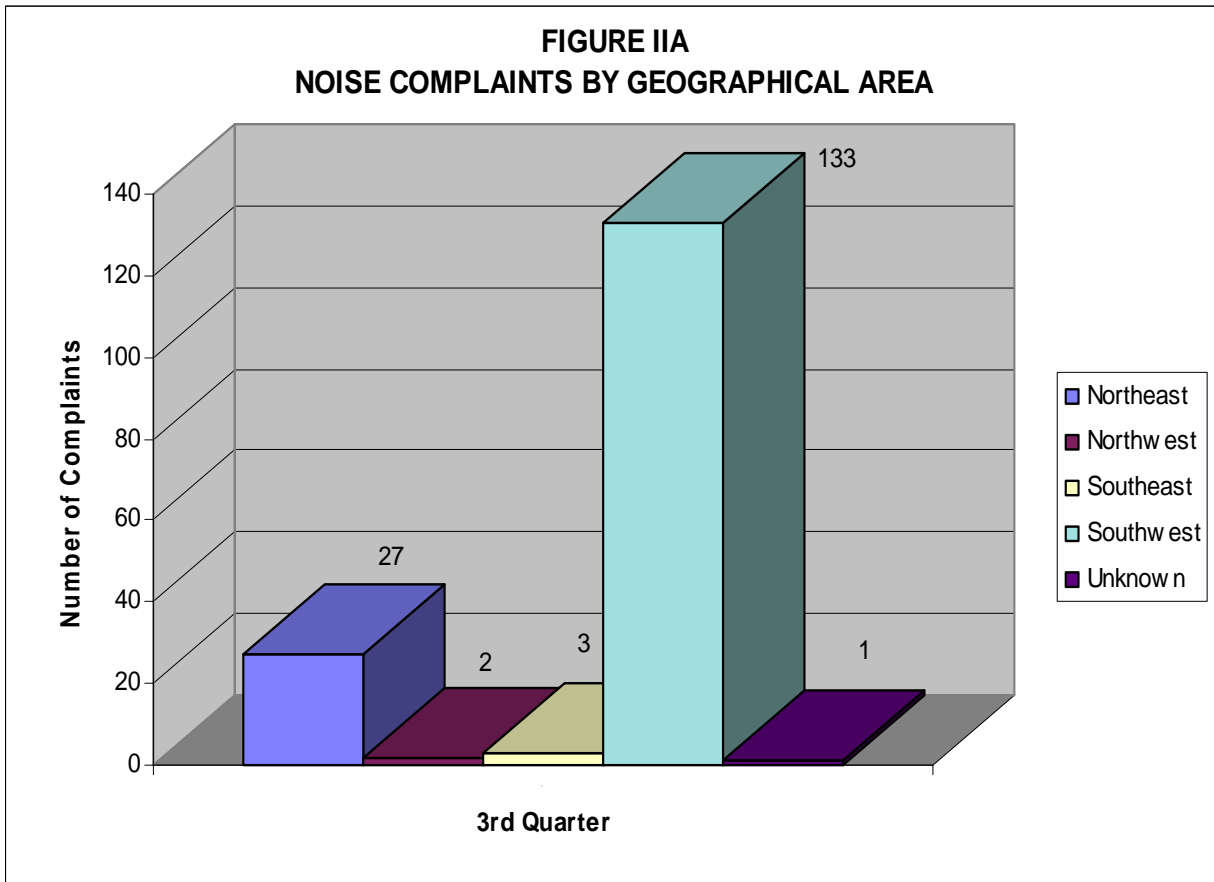


Figure IIIA, below, depicts noise complaints for the Third Quarter according to the time of the single event. Most complaints were received about operations occurring between 11:00 AM to 12:00 PM and between 3:00 PM and 5:00 PM. Also, Twenty-three percent (23%) of the total complaints were received during the voluntary curfew hours.

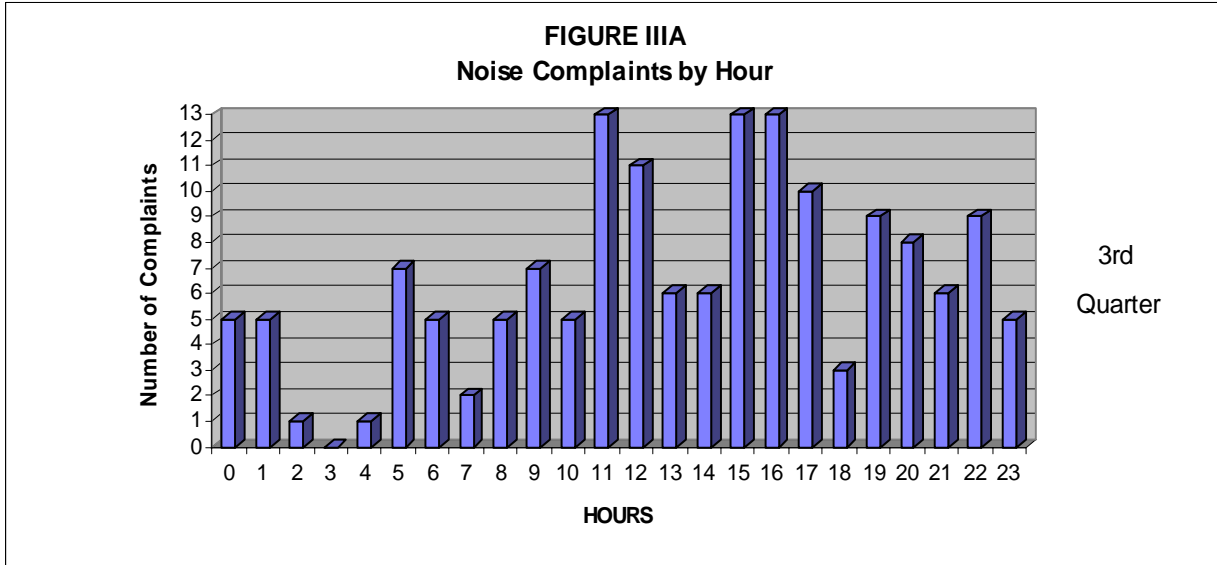
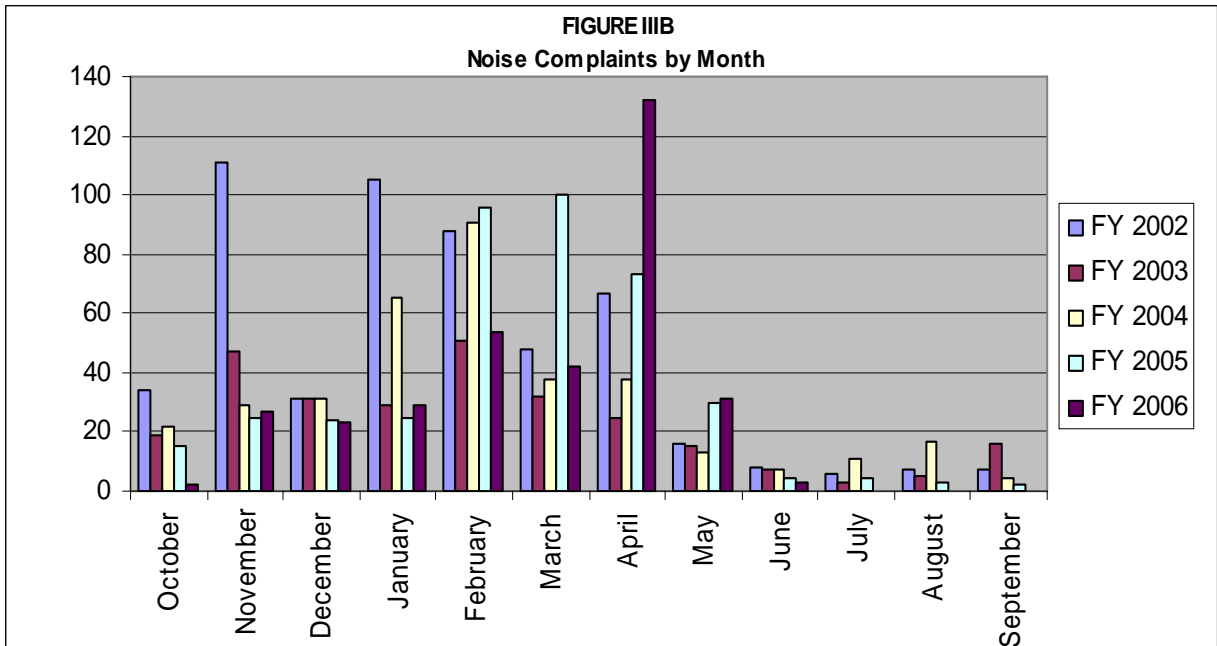


Figure IIIB below, illustrates the airport's complaint volume for fiscal years 2002, 2003, 2004, 2005 and 2006.



COMPLAINTS BY OPERATIONAL SOURCE

Figure IVA below, indicates what types of aircraft the complainants were calling about. One hundred and thirty-three (133) of the complaints were in regards to jet aircraft operations and of the total complaints received from jet aircraft operations, thirteen (13) complaints were in reference to Stage 2 air ambulance operations.

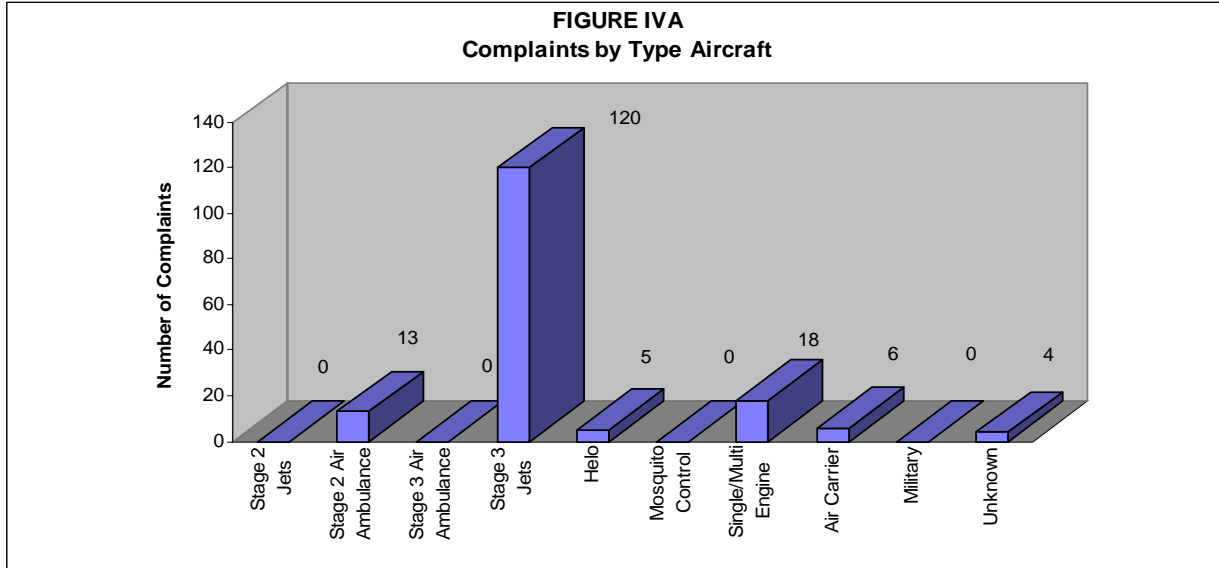
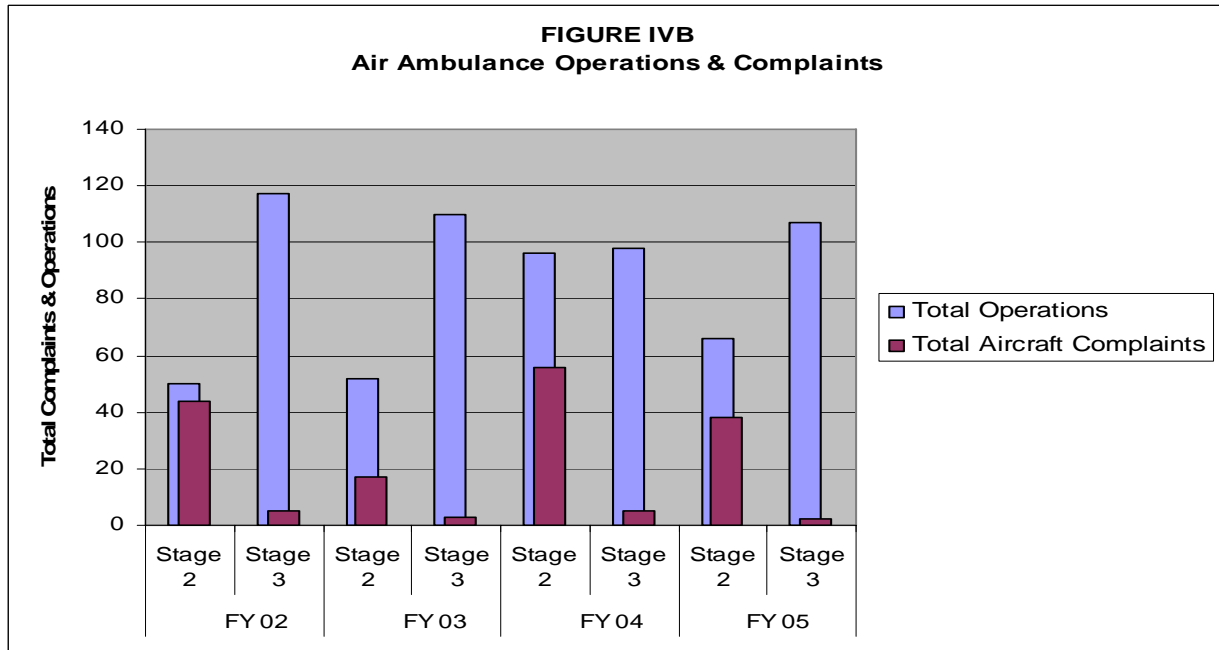
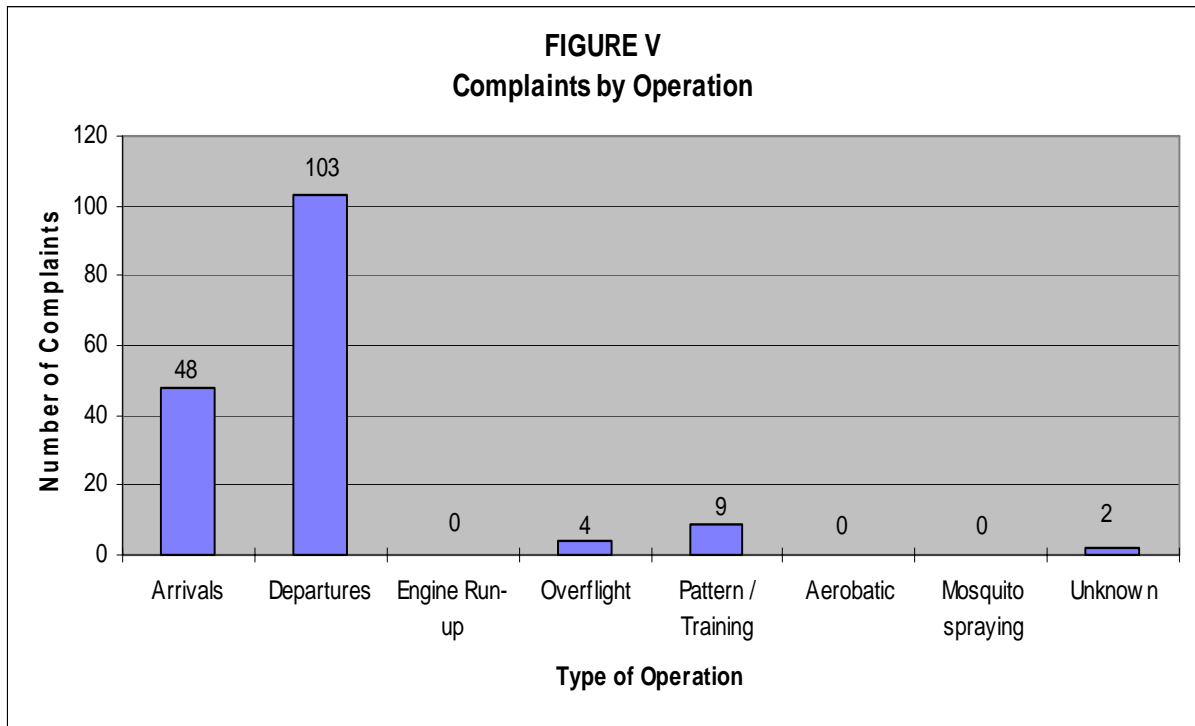


Figure IVB, below, depicts operations and noise complaints received from Stage 2 and Stage 3 Air Ambulances during FY 2002, 2003, 2004 and 2005.



PART V COMPLAINTS BY OPERATION

Figure V, below, shows the operational source of the noise complaints from the Third Quarter of 2006.



Air Traffic

Compared to the previous quarter, air carrier traffic has decreased 41%, general aviation traffic has decreased by 17%, and total air traffic has decreased by 19%. Compared to the same period one year ago, air carrier traffic decreased 15%, general aviation operations have decreased by 19%, and total traffic has decreased 19%.

Twenty-three percent (23%) of the total nighttime operations were attributed to Emergency Services helicopters and air ambulance jet aircraft. Jet aircraft operations at night have decreased by sixteen (16) operations when compared to same period last year. Single and multi-engine aircraft operations have decreased by one hundred and sixteen (116) operations and Mosquito Control operations have decreased by fifty-two (52) operations. Overall nighttime operations have decreased by one hundred and forty-eight (148) operations when compared to last year.

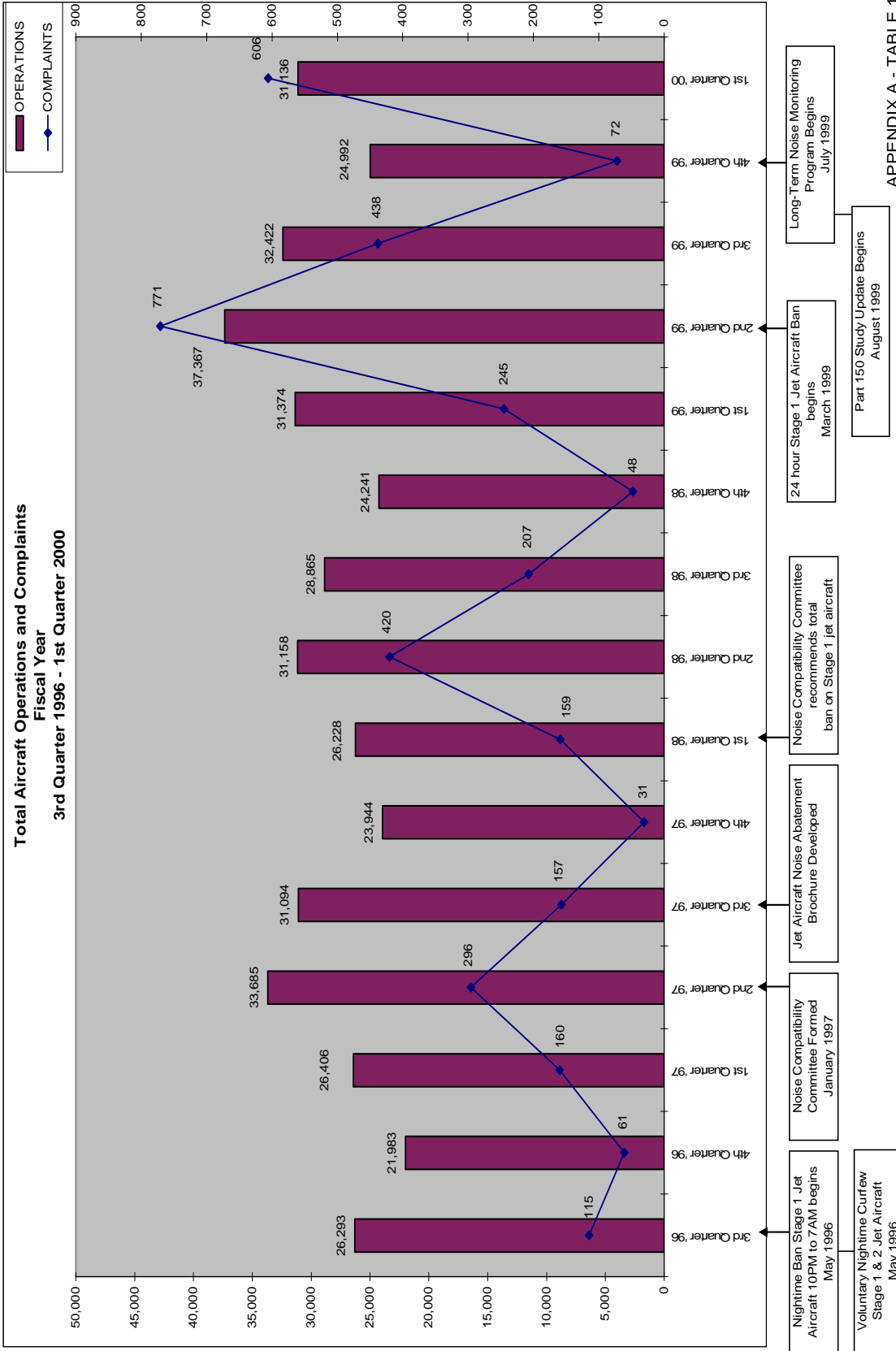
Noise Complaints

Compared to the previous quarter, noise complaints have increased from 107 to 166. Southwest Quadrant neighborhoods generated the most complaints during the Fiscal Third Quarter of 2006, with a total of 133 complaints. Other areas generated the following number of complaints: Northeast–27, Northwest–2, Southeast–3 and Unknown location-1.

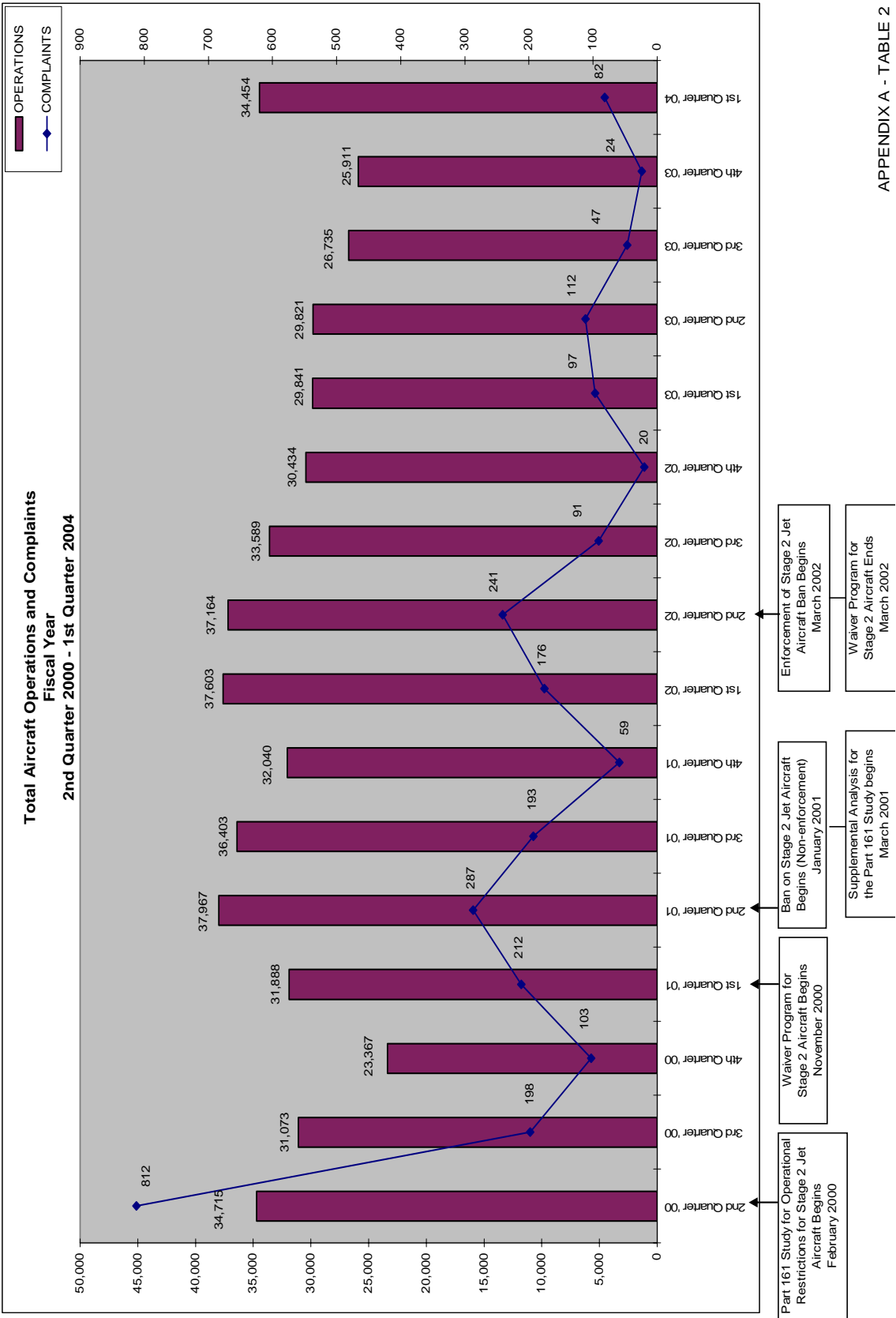
Noise Complaints by Family

Forty-three (43) different families made 166 complaints to the Noise Abatement Office during the Third Quarter of 2006. Five families made 95 calls, or 57% of the total complaints. Four of the families were located to the southwest of the airport and one was located to the northeast of the airport.

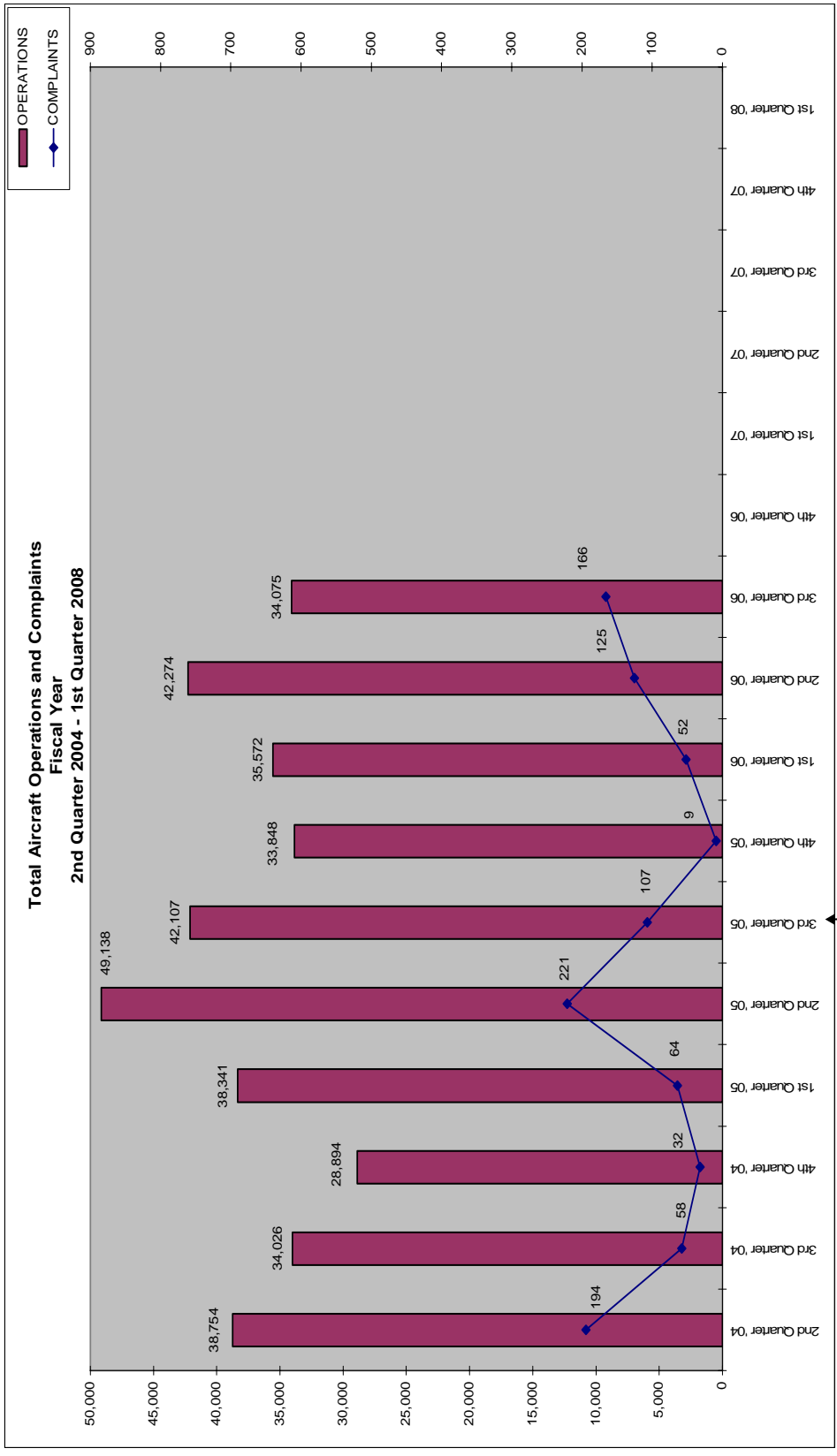
**Total Aircraft Operations and Complaints
Fiscal Year
3rd Quarter 1996 - 1st Quarter 2000**



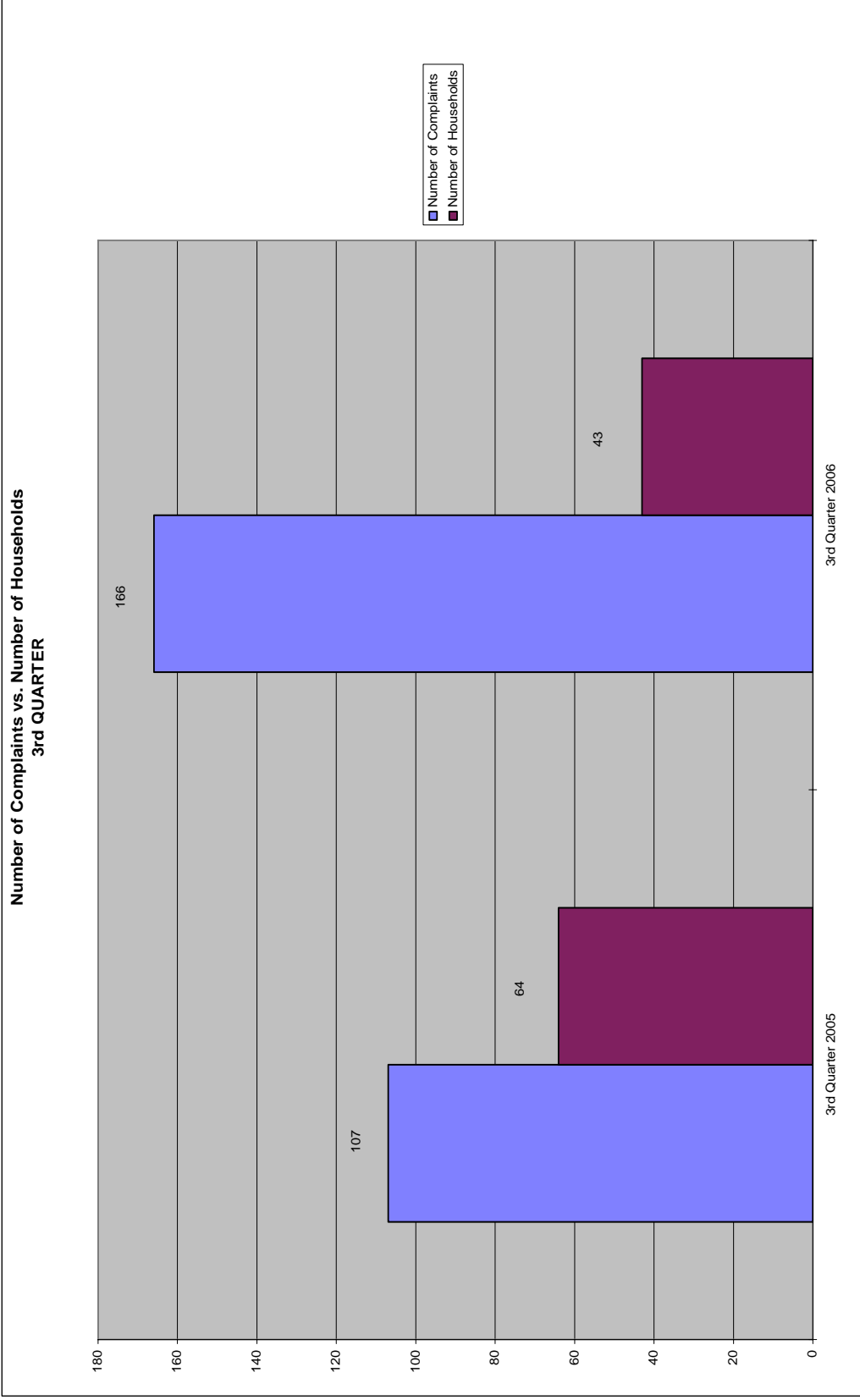
APPENDIX A - TABLE 1



APPENDIX A - TABLE 2



Stage 2 Jet
Aircraft Ban Upheld in U.S.
Court of Appeals



NOISE COMPLAINTS & OPERATIONS SUMMARY

APPENDIX C

MONTH: April 2006

DATE	7 AM - 10 PM								10 PM - 7 AM								TOTAL OPERATIONS		
	JET+HELO+PROP			JET OPS					JET+HELO+PROP			JET OPS							
	EVENTS	COMPLAINTS	OPERATIONS	TOTAL STAGE 1 OPERATIONS	TOTAL STAGE 2 OPERATIONS	AA STAGE 1 (EXEMPT)	AA STAGE 2 (EXEMPT)	AA STAGE 3 OPERATIONS	EVENTS	COMPLAINTS	OPERATIONS	TOTAL STAGE 1 OPERATIONS	TOTAL STAGE 2 OPERATIONS	AA STAGE 1 (EXEMPT)	AA STAGE 2 (EXEMPT)	AA STAGE 3 OPERATIONS		STAGE 3 GA OPERATIONS	STAGE 3 AT OPERATIONS
Sat-01	2	3	544						2	2	11						4	2	555
Sun-02	20	22	506								7						4		513
Mon-03	1	1	467						2	2	17						5	1	484
Tue-04	6	6	512								4								516
Wed-05	1	1	638								5						2	1	643
Thu-06	2	2	589						2	2	13						6	1	602
Fri-07			522							2	14						3	2	536
Sat-08	4	4	457						1	1	11						2		468
Sun-09	4	5	367								8							1	375
Mon-10	1	1	377								6						3	1	383
Tue-11	1	1	539								6							1	545
Wed-12	2	2	489								8						2	1	497
Thu-13	3	4	536						4	6	7						2	2	543
Fri-14			382								4						1	2	386
Sat-15	7	7	433						3	3	9						2	1	442
Sun-16	5	5	325								4							1	329
Mon-17	10	10	534						1	1	17						6	1	551
Tue-18	10	10	497								12						4	1	509
Wed-19			441								10						2	2	451
Thu-20	2	2	499								14						6	1	513
Fri-21	1	1	525						1	1	7						3	3	532
Sat-22	1	1	382						1	1	4						2	1	386
Sun-23	5	6	441						1	1	7						4	1	448
Mon-24	1	1	390								13						1	2	403
Tue-25	3	3	463								11						3	1	474
Wed-26	3	3	494								10						1	1	504
Thu-27	2	2	399								9						4	1	408
Fri-28	3	3	436								11						2	1	447
Sat-29	2	2	261						2	2	11						3	1	272
Sun-30			321								5							1	326
TOTALS	102	108	13,766	0	0	0	4	28	22	24	275	0	0	0	0	0	77	35	14,041

COMPLAINTS			
	DAY	NIGHT	TOTAL
Events	102	22	124
Complaints	108	24	132
Operations (Ops)	13,766	275	14,041
%Events/Ops	0.7%	8.0%	0.9%
Complaints & Events	0.9	0.9	0.9
% Complaints/ Ops	0.6%	8.7%	0.9%

NIGHT OPERATIONS		
Air Ambulance (AA)	J	
EMS	H	14
Sheriff's Office	H	33
Mosquito Control	H	0
Mosquito Control	P	0
Public Service	J,H,P	47
Non-Jet Air Carrier & GA	H,P	116
Total GA Jet Ops	J	77
Total AT Jet Ops	J	35
Total Jet Operations	J	112
Night Ops - Total	J,H,P	275

RESTRICTIONS		
	Violations	Letters
Mandatory Restriction (MR)		
Runups: Maintenance	0	0
Jet Stage 1 day & night Ops	0	0
Jet Stage 2 day & night Ops	0	0
Voluntary Restriction (VR)		
Jet Stage 3 night Ops	12	11

NOISE COMPLAINTS & OPERATIONS SUMMARY

APPENDIX C

MONTH: May 2006

DATE	7 AM - 10 PM							10 PM - 7 AM							TOTAL OPERATIONS				
	JET+HELO+PROP			JET OPS				JET+HELO+PROP			JET OPS								
	EVENTS	COMPLAINTS	OPERATIONS	TOTAL STAGE 1 OPERATIONS	TOTAL STAGE 2 OPERATIONS	AA STAGE 1 (EXEMPT)	AA STAGE 2 (EXEMPT)	AA STAGE 3 OPERATIONS	EVENTS	COMPLAINTS	OPERATIONS	TOTAL STAGE 1 OPERATIONS	TOTAL STAGE 2 OPERATIONS	AA STAGE 1 (EXEMPT)		AA STAGE 2 (EXEMPT)	AA STAGE 3 OPERATIONS	STAGE 3 GA OPERATIONS	STAGE 3 AT OPERATIONS
Mon-01			413						1	1	16						3	1	429
Tues-02			394								16						2	1	410
Wed-03	1	1	409						1	1	16						3	1	425
Thur-04	1	1	451								9						2	1	460
Fri-05	2	2	365						1	1	8						3	2	373
Sat-06	1	1	369						1	1	5						1	1	374
Sun-07	6	6	299						5	5	8				2		4	2	307
Mon-08			398						1	1	9						4		407
Tues-09			381								8							1	389
Wed-10	1	1	348								10						4	2	358
Thur-11			390						1	1	12						4	1	402
Fri-12			287								8						3	1	295
Sat-13			360								6						1	1	366
Sun-14	4	4	297								5						2	1	302
Mon-15			253								4							1	257
Tues-16			215								7						2	1	222
Wed-17			355								10						5	1	365
Thur-18			471								10						1	2	481
Fri-19			365								10						1		375
Sat-20			331						1	1	11						4	1	342
Sun-21			317								6							1	323
Mon-22			348								9						2	1	357
Tues-23			259						1	1	9						2	1	268
Wed-24			347								11						4	1	358
Thur-25			261						1	1	13						3	1	274
Fri-26	1	1	423								10						3	1	433
Sat-27			325								6							1	331
Sun-28			237								5						1	1	242
Mon-29			248								1							1	249
Tues-30			308								7							1	315
Wed - 31			411								14						6	1	425
TOTALS	17	17	10,635	0	0	0	10	18	14	14	279	0	0	0	2	0	70	33	10,914

COMPLAINTS			
	DAY	NIGHT	TOTAL
Events	17	14	31
Complaints	17	14	31
Operations (Ops)	10,635	279	10,914
%Events/Ops	0.2%	5.0%	0.3%
Complaints & Events	1.0	1.0	1.0
% Complaints/ Ops	0.2%	5.0%	0.3%

NIGHT OPERATIONS	
Air Ambulance (AA)	J 4
EMS	H 6
Sheriff's Office	H 34
Mosquito Control	H 8
Mosquito Control	P 6
Public Service	J,H,P 54
Non-Jet Air Carrier & GA	H,P 122
Total GA Jet Ops	J 70
Total AT Jet Ops	J 33
Total Jet Operations	J 103
Night Ops - Total	J,H,P 279

RESTRICTIONS		Violations	Letters
Mandatory Restriction (MR)			
Runups: Maintenance		0	0
Jet Stage 1 day & night Ops		0	0
Jet Stage 2 day & night Ops		0	0
Voluntary Restriction (VR)			
Jet Stage 3 night Ops		5	5

NOISE COMPLAINTS & OPERATIONS SUMMARY

APPENDIX C

MONTH: June 2006

DATE	7 AM - 10 PM								10 PM - 7 AM								TOTAL OPERATIONS		
	JET+HELO+PROP			JET OPS					JET+HELO+PROP			JET OPS							
	EVENTS	COMPLAINTS	OPERATIONS	TOTAL STAGE 1 OPERATIONS	TOTAL STAGE 2 OPERATIONS	AA STAGE 1 (EXEMPT)	AA STAGE 2 (EXEMPT)	AA STAGE 3 OPERATIONS	EVENTS	COMPLAINTS	OPERATIONS	TOTAL STAGE 1 OPERATIONS	TOTAL STAGE 2 OPERATIONS	AA STAGE 1 (EXEMPT)	AA STAGE 2 (EXEMPT)	AA STAGE 3 OPERATIONS		STAGE 3 GA OPERATIONS	STAGE 3 AT OPERATIONS
Thu-01			272								11						3	2	283
Fri-02			277								14						1	1	291
Sat-03			280								8						1		288
Sun-04	1	1	215								11						1	2	226
Mon-05			318								4						2		322
Tue-06			320								10						1	1	330
Wed-07			353								8						1	1	361
Thu-08	1	1	264								5						2		269
Fri-09			307								11								318
Sat-10			313								3								316
Sun-11			136								3							2	139
Mon-12			113								2						1	1	115
Tue-13			127								3								130
Wed-14	1	1	360					2			20						4		380
Thu-15			333								10						3		343
Fri-16			340								8						3		348
Sat-17			273								7							1	280
Sun-18			188								3								191
Mon-19			369								7						1		376
Tue-20			389								5						2		394
Wed-21			411								5						2		416
Thu-22			390								8						1	1	398
Fri-23			326								9						3	1	335
Sat-24			208								7							1	215
Sun-25			265								2								267
Mon-26			334								2								336
Tue-27			345								11							2	356
Wed-28			354								11						1		365
Thu-29			393								16							1	409
Fri-30			312								11						1		323
TOTALS	3	3	8,885	0	0	0	2	0	0	0	235	0	0	0	0	0	34	17	9,120

COMPLAINTS			
	DAY	NIGHT	TOTAL
Events	3	0	3
Complaints	3	0	3
Operations (Ops)	8,885	235	9,120
%Events/Ops	0.0%	0.0%	0.0%
Complaints & Events	1.0	0.0	1.0
% Complaints/ Ops	0.0%	0.0%	0.0%

NIGHT OPERATIONS		
Air Ambulance (AA)	J	0
EMS	H	15
Sheriff's Office	H	54
Mosquito Control	H	2
Mosquito Control	P	6
Public Service	J,H,P	77
Non-Jet Air Carrier & GA	H,P	107
Total GA Jet Ops	J	34
Total AT Jet Ops	J	17
Total Jet Operations	J	51
Night Ops - Total	J,H,P	235

RESTRICTIONS		
	Violations	Letters
Mandatory Restriction (MR)		
Runups: Maintenance	0	0
Jet Stage 1 day & night Ops	0	0
Jet Stage 2 day & night Ops	0	0
Voluntary Restriction (VR)		
Jet Stage 3 night Ops	0	0