



2005-06 ANNUAL SCHOOL REPORT SUPPLEMENT

Region 04

H.S. 610

AVIATION CAREER & TECHNICAL EDUCATION HIGH SCHOOL

New York City Public Schools

Joel I. Klein, Chancellor

Grade Levels:

Students on Oct. 31, 2005: 1,863

Students on May 1, 2006:

School Mission Statement

Our State endorsed Career and Technical Educational Program provides students with a world-class education. The unique curriculum prepares students for a NYS Regents Diploma, Advanced Regents Diploma, & FAA Certification as Aircraft Maintenance Technicians which leads to an exciting career in the aerospace industry. We create an educational culture that instills in our students moral character, respect, self-discipline, & strong intellectual values. Our world-renowned reputation for academic & technical excellence reflects Aviation High School's tradition & commitment to students & to the future of the aerospace industry.

Principal's Statement

Aviation's unique technical training provides all students with unlimited vocational & academic possibilities through our FAA Approved Aviation Maintenance Technology College Preparation Program. The aviation component leads to airframe & powerplant certification. Students may choose to remain for our optional 5th yr. program. We offer Pre-engineering for grades 11 & 12. Aviation has been serving the aviation-interested youth in NYC for over 60 yrs & every year has more student applicants than available seats. Our incoming class reflects the ethnic make-up of our city. More than 80 percent of our students go on to college.

Special Academic Programs

FAA Airframe & Powerplant Certification with an optional 5th yr. Advanced Maintenance Prog., Honors 5th yr. at JFK Annex, Pre-Engineering Prog. in Science, Honors & Advanced Placement Classes; Internships at JFK Airport; College collaborations at LaGuardia Comm. Coll., Vaughn College, Stony Brook, Poly Tech & Aeronautical Universities.

Extracurricular Activities

Color Guard, JRAFROTC, Drill Team, VICA, Model Airplane, Flying Club; Basketball, Track, Volleyball, Handball, Baseball, & Soccer Teams; Peer Mediation, Debate, Photography, Chess, Cultural Clubs, Band, Ski Club, Pre-Engineering, Pegasus Technical Society, Science Research Team, the National Honor Society, and Robotics.

Community Support

College partnerships include Vaughn College of Aeronautics, St. Louis University, Embry Riddle, PolyTech, Stonybrook, and Dowling College. Industry partnerships include internships at Delta, Jet Blue, North American, and the Port Authority of NY and NJ. Major airlines and aircraft/engine companies recruit our students for employment opportunities.

Parent/School Support

Parents' Association, School Leadership Team, Fundraising Activities, & Graduation Awards/Presentations. Full time parent coordinator.

2006-07 School Accountability Status:

In Good Standing

This school received Title I Funding in:

2004-05: NO; 2005-06: YES; 2006-07: YES

The Division of Assessment and Accountability (DAA) compiled this report primarily from central databases and information provided by this school's principal. Throughout the report, N/A indicates that information was not available or did not apply to this school. The 2005-2006 Annual School Report is a supplement to the New York State Education Department's School Report Card for New York City Schools. Consult the Parent Guide for an explanation of the data in this report. Other DAA reports can be obtained online at www.nyc.gov/daa.

STUDENTS

Involved In Police Department Incidents

The total enrollment in this consolidated location is 1863 students. Please keep this number in mind as you review the numbers of incidents.

	This school	Consolidated Locations	Similar Size schools
Major Crimes			
Property Crimes	0		1.0
Crimes Against Persons	1		1.1
Other Crimes	10		10.0
Non- Criminal	2		19.0

Similar-Size Schools include all schools and consolidated locations with enrollments of 1751-2000 students.

<http://schools.nyc.gov/ourschools/schoolsafety.htm>

Recent Immigrants*

Percent of enrollment	2004	2005	2006
This school	5.2	4.6	1.7
Similar schools	7.0	6.0	3.8
City schools	11.6	9.8	7.6

* Students enrolled as of Oct. 31, 2005 who immigrated to the U.S. within the last three years.

Recent Immigrants' Place of Birth

Percent of students	2006
COLOMBIA	0.3
ECUADOR	0.2
JAMAICA	0.2

Profile of Entering Ninth and Tenth Graders*

Characteristics	This School	Similar Schools	City Schools
	Percent	Percent	Percent
Gender Male	85.5	47.6	50.5
Gender Female	14.5	52.4	49.5
Part-time Special Education	1.5	3.9	5.8
Full-time Special Education	0.7	2.2	5.2
ELL	4.2	6.1	12.8
Over-age for grade	12.5	15.7	29.9
Percent eligible for free lunch	12.5	15.7	29.9
Avg. daily attend. during prior sem.	92.2	92.7	89.8
Percent meeting standard in:			
ELA (tested only)	38.2	55.2	32.7
Mathematics (tested only)	68.1	67.1	40.8

* This information is for the students who were on register as new 9th and 10th graders on October 31, 2005 and came from another school.

* Not applicable to elementary and middle schools

Admission to Other Schools in September 2005

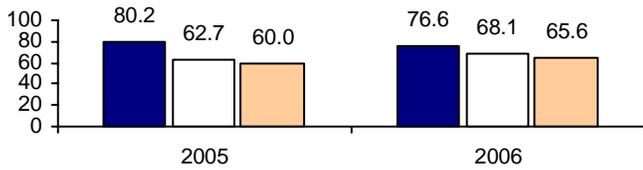
School Name	Boro	District	School	Leavers*	
			Number	Number	Percent

* Leavers are students who left their school for any reason.

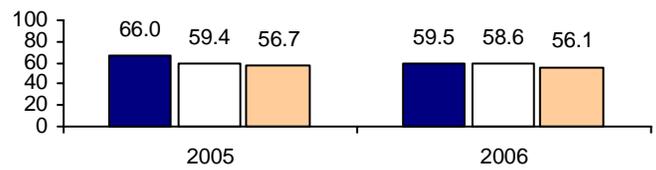
SCHOOL CHARACTERISTICS

TEACHERS

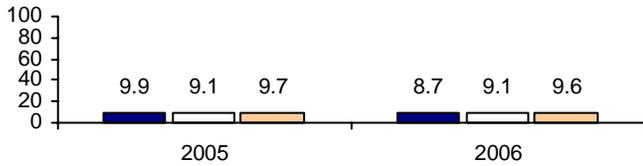
Percent More Than Two Years Teaching in This School



Percent More Than Five Years Teaching Anywhere



Average Days Absent



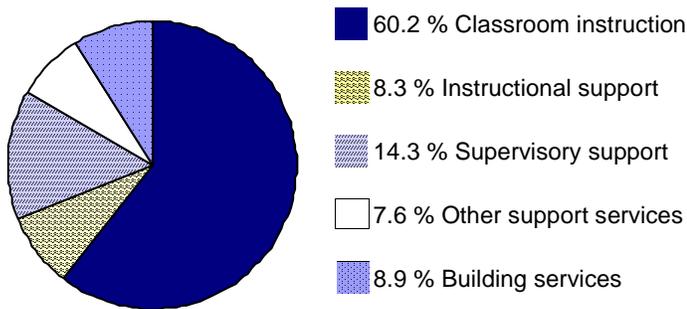
SCHOOL EXPENDITURES

Average Spending Per Student (Direct Services Only)

	2004	2005	2006
This school	\$10,154	\$10,222	N/A
Similar schools	\$11,279	\$11,188	N/A
City schools	\$11,138	\$11,607	N/A

Note: The state calculation of school expenditures per student for direct and indirect services in 2004 was \$12,896 for all New York City schools. An average of \$13,085 was calculated for all New York State schools including those in New York City.

How money was spent in this school in 2005 (Direct Services Only)



0.6 % is used for District Support.

OTHER SCHOOL INFORMATION

School Capacity

Percent of utilization*	2004	2005	2006
This school	103.4	101.2	99.3
Similar schools	116.8	113.4	117.5
City schools	106.0	106.4	103.5

*When over 100%, school has exceeded official capacity.

PERFORMANCE OF ALL STUDENTS ON REGENTS EXAMINATIONS

	2004-2005				2005-2006			
	Number	55 - 100	65 - 100	85 - 100	Number	55 - 100	65 - 100	85 - 100
	Tested	Percent	Percent	Percent	Tested	Percent	Percent	Percent
ENGLISH								
This School	337	95.0	89.9	32.6	391	94.9	89.3	34.0
Similar Schools	10011	92.4	84.4	31.2	11236	91.6	84.8	32.7
City Schools	63738	78.1	61.6	16.6	70344	77.6	62.9	16.6
MATH A								
This School	555	92.6	73.9	11.5	523	92.4	76.3	15.9
Similar Schools	10992	93.8	84.6	26.4	12194	93.0	82.8	28.4
City Schools	74616	81.2	61.0	13.6	76930	83.1	62.3	13.9
MATH B								
This School	207	44.4	25.1	2.4	238	42.9	26.9	1.7
Similar Schools	5706	75.1	62.2	13.1	6637	73.7	60.6	13.0
City Schools	18163	70.4	58.5	16.3	21205	68.9	56.4	15.5
CHEMISTRY								
This School	151	90.7	61.6	4.6	185	87.0	50.8	3.2
Similar Schools	7019	87.2	66.4	10.3	7712	86.8	66.0	13.2
City Schools	23988	77.5	55.9	10.5	24062	79.3	58.0	13.1
LIVING ENVIRONMENT								
This School	402	95.3	85.3	12.9	374	93.3	85.3	13.6
Similar Schools	11043	88.1	77.7	19.5	11548	88.8	76.5	17.0
City Schools	62307	72.7	55.2	10.6	65322	76.0	56.5	9.7
GLOBAL HISTORY AND GEOGRAPHY								
This School	443	86.7	74.7	23.7	438	87.4	76.3	34.2
Similar Schools	11777	85.0	73.5	27.6	12808	83.2	71.2	30.4
City Schools	73666	68.8	51.1	15.3	77999	66.6	49.4	16.5
U.S. HISTORY AND GOVERNMENT								
This School	346	90.5	81.2	34.7	395	93.7	83.8	51.9
Similar Schools	11546	89.0	81.6	42.9	11536	89.8	81.6	47.2
City Schools	60352	76.4	61.9	25.6	65271	79.8	64.0	27.7
LANGUAGES OTHER THAN ENGLISH								
This School	9	100.0	100.0	100.0	5	80.0	80.0	20.0
Similar Schools	5898	98.6	97.0	64.9	5522	98.5	96.9	61.0
City Schools	22273	98.1	96.3	66.7	21600	98.2	96.2	67.4

These data are based on all students, including General Education and Special Education students, regardless of services received.

OTHER INDICATORS

SCHOLASTIC APTITUDE TEST (SAT) IN 2005-2006

Percent of 11th and 12th graders taking SAT

	This School	Similar Schools	City Schools
11th and 12th grade enrollment	797	20225	100890
Percent taking SAT	21	41.1	36.1

Average SAT Scores*

SAT Section	This School	Similar Schools	City Schools
Verbal	459	468	444
Mathematics	497	483	467

* Scores on each segment of this test range from 200 to 800.

STUDENT PLANS AFTER GRADUATION

Post-high school plans of the 2006 graduates*

	This School Percent	Similar Schools Percent	City Schools Percent
4-Year college	33.1	49.7	44.3
2-Year college	15.1	9.7	16.2
Employment	3.2	0.8	3.3
Military services	2.9	0.5	0.9
Other	45.7	39.4	35.2

** Data are not reported if the total number of 2006 graduates are less than 20.

* These are student reports, which do not include IEP diplomas or local certificates.