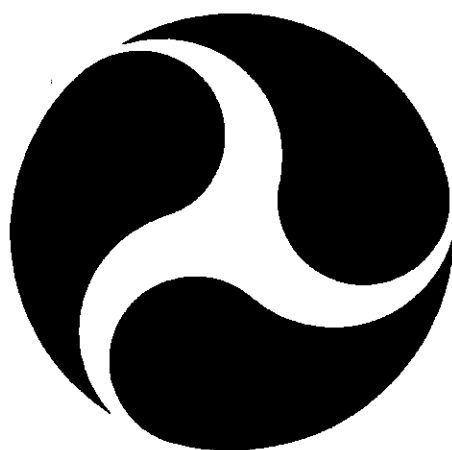


AC 8500-1

1992

AEROMEDICAL CERTIFICATION STATISTICAL HANDBOOK



U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

CIVIL AEROMEDICAL INSTITUTE
AEROMEDICAL CERTIFICATION DIVISION

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SYMBOLS

Category not applicable.....	N/A
Data not available.....	---
Quantity zero.....	-
Quantity more than 0 but less than 0.05.	0.0
More than.....	>
Less than.....	<

FOR ADDITIONAL INFORMATION ON DATA PRESENTED, please refer to the footnotes provided on the table or chart, or contact the office indicated in the source note.

SECTION I

AVIATION MEDICAL EXAMINER INFORMATION

This section reflects the activities of the Aviation Medical Examiner Program during calendar year 1992 with some comparative data for previous years.

An Aviation Medical Examiner (AME) is a physician authorized by the Federal Aviation Administration (FAA) to perform airman physical examinations for issuance of FAA medical certificates. These physicians are designated according to the geographical distribution of airmen. There are also military facilities (installations) designated to perform FAA airman examinations of military personnel for issuance of second and third class certificates. A facility or installation, instead of an individual, is designated in this instance due to frequent rotation of military medical officers.

AME seminars are held in each region and at Oklahoma City's Aeronautical Center to acquaint these physicians with the regulations and procedures governing the issuance of FAA medical certificates.

Table I.A

DESIGNATED FAA AVIATION MEDICAL EXAMINERS BY REGION

1991 - 1992

REGION	PERCENT OF 1992 TOTAL*	AVIATION MEDICAL EXAMINERS 1992	1991
Alaskan	1.7	103	104
Central	6.8	424	440
Eastern	12.1	751	769
Great Lakes	14.7	909	954
New England	3.8	233	240
Northwest Mountain	10.6	655	648
Southern	16.4	1,017	1,092
Southwest	12.5	774	794
Western Pacific	9.1	565	586
SUBTOTAL	87.7	5,431	5,627
Military**	6.8	422	425
International	5.5	342	322
TOTAL	100.0	6,195	6,374

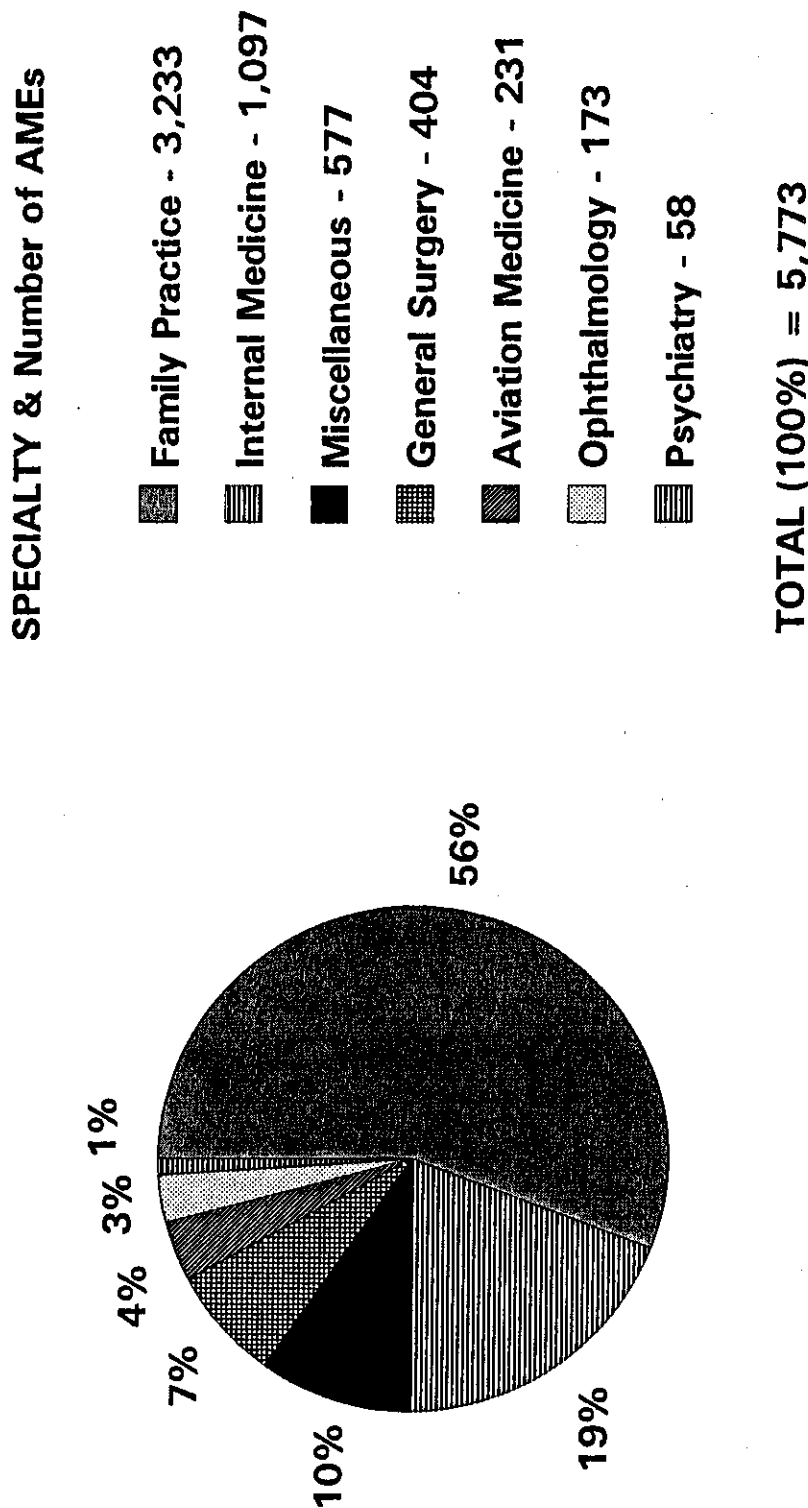
* The basis for percentage computations is total designations as of the end of calendar year 1992, i.e., U.S. and International designations represent one physician for each designation; whereas, Military designations represent one facility for each designation.

** Denotes military installation designations rather than individual physicians.

Source: Civil Aeromedical Institute, Aeromedical Education Division, Aviation Medical Examiner Program; RIS: AC 8500-2, AME Worklist by State (designated FAA Aviation Medical Examiners by Region and State).

FIGURE I.B

**MEDICAL PRACTICE OF AVIATION
MEDICAL EXAMINERS - 1992 ***



* Based on United States and International Aviation Medical Examiners; Military not included.

Source: Civil Aeromedical Institute, Aeromedical Education Division, Aviation Medical Examiner Program;
RIS: AC 8520-5, AME Specialty Summary by State.

Table I.C

REGIONAL COVERAGE OF AVIATION MEDICAL
EXAMINERS VERSUS CIVIL AIRMEN
1992

REGION	Active U.S. Civil Airman Population*	U.S. Non- Military AME Population**	Ratio AMEs To Airmen
Alaskan	9,055	103	1:88
Central	31,683	424	1:75
Eastern	80,662	751	1:107
Great Lakes	106,844	909	1:118
New England	29,465	233	1:126
Northwest Mountain	62,551	655	1:95
Southern	111,616	1,017	1:110
Southwest	73,392	774	1:95
Western Pacific	106,122	565	1:188
TOTAL	611,390	5,431	1:113

* Active U.S. Civil Airman Population figures are as of December 31, 1992; RIS: AC 8065-4, Examination Time Period Summary. Military and International not included.

** U.S. Non-Military AME Population figures are as of January 1, 1993; RIS: AC 8520-2, AME Worklist by State (Designated FAA Aviation Medical Examiners by Region and State). Military and International not included.

Source: Civil Aeromedical Institute, Aeromedical Education Division, Aviation Medical Examiner Program; and Aeromedical Certification Division, Program Support Branch.

Table I.D

AVIATION MEDICAL EXAMINER SEMINARS
DATE, LOCATION AND ATTENDANCE
1992

DATE	LOCATION	ATTENDANCE
February 20-23	San Francisco, CA	119
March 12-15	Boston, MA	60
April 27 - May 1	Oklahoma City, OK	60
May 10-14	Miami Beach, FL (ASMA)	142
June 4-7	Honolulu, HI	77
June 22-26	Oklahoma City, OK	53
July 9-12	Denver, CO	72
July 23-26	Charlotte, NC	110
August 6-9	Washington, D.C.	92
August 27-30	Bloomington, MN	71
September 10-13	Albuquerque, NM	82
September 17-20	Seattle, WA	182
October 1-4	Kansas City, MO	95
October 26-30	Oklahoma City, OK	71
November 11-14	San Antonio, TX (SMA)	81
November 30 - Dec. 4	Oklahoma City, OK	54
December 3-6	Columbus, OH	86
Total		1,507

Source: Civil Aeromedical Institute, Aeromedical Education Division, Aviation Medical Examiner Program.

Table I.E

AVIATION MEDICAL EXAMINER
SEMINARS AND ATTENDANCE
1960-1992

DATE	SEMINARS	ATTENDANCE
1960	1	49
1961	16	1,031
1962	24	1,431
1963	13	1,153
1964	9	1,406
1965	10	1,596
1966	7	1,187
1967	11	1,281
1968	5	545
1969	7	970
1970	5	750
1971	10	1,521
1972	5	873
1973	4	806
1974	8	1,498
1975	13	1,633
1976	15	1,871
1977	12	1,309
1978	14	1,439
1979	16	1,733
1980	15	2,012
1981	13	1,477
1982	15	1,652
1983	17	1,523
1984	17	1,551
1985	15	2,033
1986	11	1,701
1987	13	1,573
1988	17	1,525
1989	16	1,550
1990	15	1,599
1991	15	1,472
1992	17	1,507
TOTAL	401	45,257

Source: Civil Aeromedical Institute, Aeromedical Education Division, Aviation Medical Examiner Program.

Table I.F

ACTIVE AVIATION MEDICAL EXAMINERS
SEMINAR ATTENDANCE BY REGION*
1992

REGION	Total AMES	One Seminar	More Than One Seminar	No Seminar Attendance
Alaskan	103	22	75	6
Central	424	56	367	1
Eastern	751	103	621	27
Great Lakes	909	149	760	-
New England	233	41	191	1
Northwest Mountain	655	116	538	1
Southern	1,017	163	853	1
Southwest	774	101	672	1
Western Pacific	565	71	491	3
International	342	118	178	46
TOTAL	5,773	940	4,746	87
Percent of Total	100.0	16.3	82.2	1.5

* Training data are obtained from computer listings of non-military Aviation Medical Examiners.

Source: Civil Aeromedical Institute, Aeromedical Education Division, Aviation Medical Examiners Program; RIS: AC 8520-6, AME Training Summary Report.

Table I.G

REGIONAL AVIATION MEDICAL EXAMINER ACTIVITY*
1992

Region	AMES Appointed	AMES Reinstated	AMES Separated	Total AMES
Alaskan	8	5	13	103
Central	14	5	36	424
Eastern	19	3	41	751
Great Lakes	28	8	93	909
New England	8	2	21	233
Northwest Mountain	46	10	51	655
Southern	50	12	143	1,017
Southwest	34	19	67	774
Western Pacific	24	10	55	565
International	35	2	10	342
Total	266	76	530	5,773

* Military installations not included.

Source: Civil Aeromedical Institute, Aeromedical Education
Division, Aviation Medical Examiner Program.

Table I.H

AVIATION MEDICAL EXAMINER SUMMARY DATA*
1992

A. Number of Designated U.S. Non-Military Aviation Medical Examiners	5,431
B. Number of Designated International Aviation Medical Examiners	342
C. Number of Designated Military Aviation Medical Examiners (Installations)	422
D. Ratio of U.S. Non-Military Aviation Medical Examiners to U.S. Civil Airmen	1:113
E. Percentage of Non-Military Aviation Medical Examiners Who Are Qualified Pilots	50.5%
F. Percentage of Aviation Medical Examiners Who Were Military Flight Surgeons	16.2%
G. Number of Non-Military Aviation Medical Examiners Who Participate in Accident Investigation	137
H. Percentage of Non-Military Aviation Medical Examiners Who Have Attended One Seminar	16.3%
I. Percentage of Non-Military Aviation Medical Examiners Who Have Attended More Than One Seminar	82.2%
J. Percentage of Non-Military Aviation Medical Examiners Who Have Not Attended A Seminar	1.5%
K. Total Number of Seminars Conducted in 1992	17
L. Total Attendance of Aviation Medical Examiners at Seminars	1,507

* An Aviation Medical Examiner may have been classified in more than one of these categories.

Source: Civil Aeromedical Institute, Aeromedical Education Division, Aviation Medical Examiner Program.

SECTION II

CERTIFICATION ACTIVITY

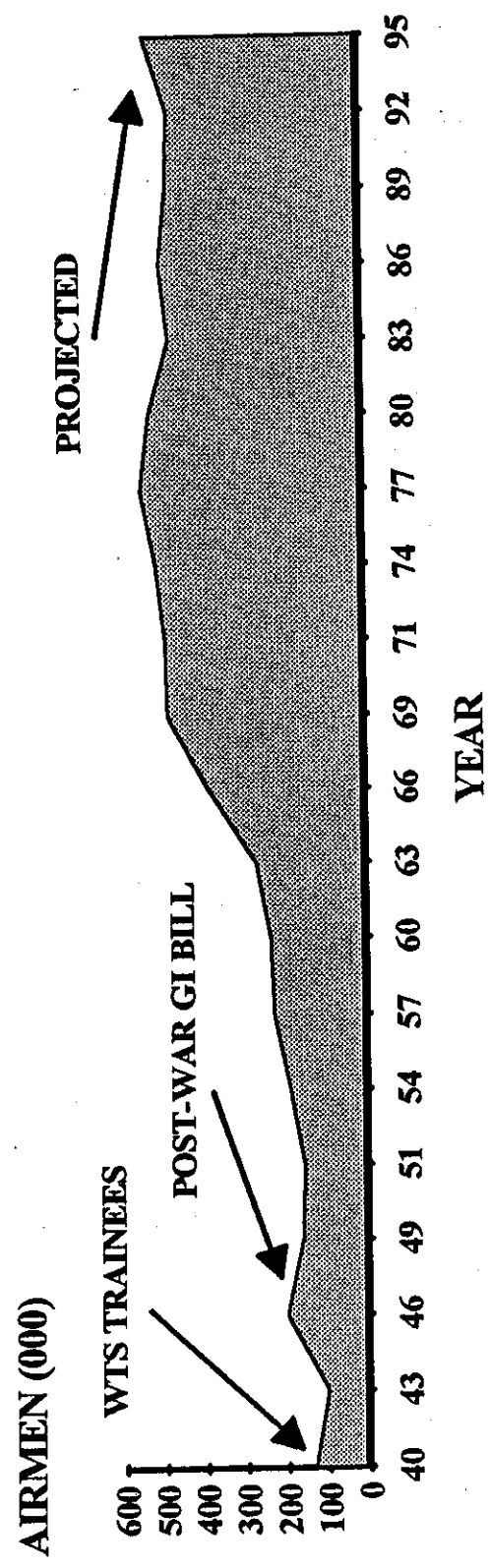
The Aeromedical Certification Division is the central screening facility and repository within the Federal Aviation Administration for collection, investigation, adjudication, and analysis of medical data.

Activities of the Aeromedical Certification Division are presented in this section. Data are presented by calendar year and reflect workload in the certification area.

FIGURE II.A

AIRMAN APPLICATIONS FOR MEDICAL
CERTIFICATION

1940 - 1992 Projected to 1995



Year	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955
Applications	134.4	172.2	161.6	102.7	113.8	134.6	202.1	289.6	233.4	162.5	144.0	157.4	145.7	133.5	160.6	168.6
Percentage*	+83.5	+28.2	-6.2	-36.4	+10.8	+35.8	+30.7	+43.3	-19.4	-30.4	-11.4	+9.4	-7.4	-8.4	+20.3	+5.0
Year	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Applications	181.7	229.6	217.9	255.6	237.3	254.1	271.8	294.7	330.6	387.5	427.6	465.9	487.7	487.7	487.7	493.1
Percentage*	+7.8	+26.3	-5.1	+17.3	-7.1	+7.1	+6.9	+8.5	+12.1	+17.2	+10.3	+9.0	+2.7	+2.7	+1.9	+1.1
Year	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Applications	494.7	521.7	515.4	519.2	542.1	550.2	565.5	550.2	529.1	529.4	463.2	477.9	463.6	479.8	499.0	470.2
Percentage*	+0.3	+5.5	-1.2	+0.7	+4.4	+1.5	+2.8	-2.7	-3.8	+0.1	-12.5	+3.2	-3.0	+3.5	+4.0	-5.8
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Applications	466.3	481.2	480.9	494.6	473.9	492.8	512.6	533.1								
Percentage*	-0.8	+3.2	-0.1	+2.8	-4.2	+4.0	+4.0	+4.0								

*Percentage increase or decrease over previous year. Projected receipts based on 4 base each calendar year.

Table II.B

RECEIPTS OF MEDICAL CERTIFICATE
APPLICATIONS BY CLASS *
1965-1992

Calendar Year	Total	First Class	Percent of Total	Second Class	Percent of Total	Third Class	Percent of Total
1965	330,617	52,006	15.7	109,600	33.2	169,011	51.1
1966	387,537	73,903	19.1	124,593	32.1	189,041	48.8
1967	427,596	80,474	18.8	143,458	33.6	203,664	47.6
1968	465,929	87,408	18.8	173,139	37.2	205,382	44.0
1969	478,700	90,666	18.9	178,699	37.3	209,335	43.8
1970	487,700	94,419	19.4	189,276	38.8	204,005	41.8
1971	493,145	91,478	18.5	204,853	41.5	196,814	40.0
1972	494,700	86,573	17.5	205,597	41.6	202,530	40.9
1973	521,700	93,384	17.9	220,679	42.3	207,637	39.8
1974	515,400	91,741	17.8	214,922	41.7	208,737	40.5
1975	519,200	91,379	17.6	224,814	43.3	203,007	39.1
1976	542,159	93,793	17.3	230,418	42.5	217,948	40.2
1977	550,243	97,393	17.7	230,552	41.9	222,298	40.4
1978	565,534	105,755	18.7	228,476	40.4	231,303	40.9
1979	550,188	111,138	20.2	212,373	38.6	226,677	41.2
1980	529,051	118,507	22.4	197,865	37.4	212,679	40.2
1981	529,418	128,649	24.3	183,708	34.7	217,061	41.0
1982	463,241	110,714	23.9	155,186	33.5	197,341	42.6
1983	477,905	114,219	23.9	171,090	35.8	192,596	40.3
1984	463,617	109,877	23.7	159,948	34.5	193,792	41.8
1985	479,849	126,680	26.4	154,511	32.2	198,658	41.4
1986	474,392	133,304	28.1	146,113	30.8	194,975	41.1
1987	470,208	147,175	31.3	138,241	29.4	184,792	39.3
1988	466,326	147,359	31.6	130,571	28.0	188,396	40.4
1989	481,168	162,635	33.8	128,953	26.8	189,580	39.4
1990	480,922	169,765	35.3	124,559	25.9	186,598	38.8
1991	494,612	181,523	36.7	127,115	25.7	185,974	37.6
1992	473,884	177,233	37.4	121,788	25.7	174,863	36.9

* The 1965 class distributions were achieved by applying percentages based on card counts of applications performed during 1965 to the total receipts for the year. Class distributions for 1966 through 1992 were based on percentages compiled from the Record of Physical Examinations Computer Submission Summary, AC 8500-3.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch, RIS: AC 8500-3, Record of Physical Examinations Computer Submission Summary Report.

Table II.C

MEDICAL APPLICATIONS PROCESSING BY THE
AEROMEDICAL CERTIFICATION DIVISION
1992

Month	Applications Received	Applications Coded for Computer Screening	Applications Screened by Computer*	Applications Requiring Manual Review**	Applications Intra-Office Transmitted***
January	37,861	29,961	31,259	12,504	127
February	35,135	37,135	32,561	13,024	78
March	38,485	46,985	47,588	19,035	179
April	45,364	43,164	44,865	17,946	151
May	37,330	33,730	36,437	14,575	95
June	42,282	47,282	44,682	17,873	119
SUBTOTAL	236,457	238,257	237,392	94,957	749
July	46,623	44,823	43,029	17,212	131
August	39,160	41,060	44,111	17,644	105
September	41,354	39,254	40,283	16,113	128
October	39,402	41,002	40,616	16,246	86
November	36,617	35,617	37,258	14,903	106
December	34,271	33,971	33,411	13,364	108
SUBTOTAL	237,427	235,727	238,708	95,482	664
TOTAL	473,884	473,984	476,100	190,439	1,413

* Figures reflect the number of submissions to the computer rather than the number of applications because an application may have to be submitted to the computer more than once before it is accepted.

** Total applications rejected for any reason is presently 40% of applications screened by computer.

*** Figures include applications transmitted to the regions and to the Federal Air Surgeon for certification or review. Represents 0.4% of the applications received.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8065-3, Aeromedical Certification Processing Summary.

Table II.D

AEROMEDICAL CERTIFICATION DIVISION
CORRESPONDENCE SECTION ACTIVITY
1992

Activity	Frequency	Subtotal	Percent of Total
<u>Certification</u>			
Issued and Corrected Certificates	20,442		
Eligibility Letters	38,928		
Issued or Duplicate Waivers	8,340	67,710	58.6
<u>Further Action Necessary</u>			
Information Requested	31,489		
Medical Flight Test Authorization	5,005	36,494	31.6
<u>Telegram Replies to Airmen/Agency Offices</u>			
Denial Letters	428	428	0.4
Final Denials	145		
General Denials	1,969		
Failure to Provide Denials	1,803		
Other Denial Correspondence	3,078		
		6,995	5.9
<u>Miscellaneous Correspondence*</u>			
AME Error Letters	134		
Other Miscellaneous*	3,860	3,994	3.5
TOTAL		115,621	100.0

* Includes refund letters, charge letters, second request letters, requests for return of medical certificate, cover letters, replies to airmen and physicians inquiries, and other miscellaneous letters.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8065-3, Aeromedical Certification Processing Summary.

Table II.E

CONSOLIDATED
AEROMEDICAL CERTIFICATION DIVISION COMPUTER TAPE FILE SUMMARY
AS OF: DECEMBER 31, 1992

Action	Time Lapse Since Date of Last Examination					Total
	<7 Month	<13 Month	<25 Month	Subtotal	25-36 Month	Over 36 Month
<u>Certified</u>						
First Class	89,879	39,412	21,806	151,097	12,447	N/A
Second Class	61,411	56,782	61,885	180,078	31,196	N/A
Third Class	92,096	77,796	163,362	333,254	83,828	N/A
SUBTOTAL	243,386	173,990	247,053	664,429	127,471	N/A
<u>Non-Certified</u>						
Pending	2,969	1,357	2,017	6,343	1,578	N/A
Denied	1,609	1,822	3,884	7,315	3,691	N/A
SUBTOTAL	4,578	3,179	5,901	13,658	5,269	N/A
<u>Link*</u>	N/A	N/A	N/A	N/A	N/A	525,480
TOTAL	247,964	177,169	252,954	678,087	132,740	525,480
<u>EFFECTIVE STATUS TOTAL:</u>						
			<u>CLASS I</u> = 89,879	<u>CLASS II</u> = 157,605	<u>CLASS III</u> = 416,945	

*Abbreviated records maintained on individuals having significant pathology who have not had a physical examination in the past 36 months. These people may or may not have been certified.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch.

Table II.F

MEDICAL CERTIFICATION ACTIVITY SUMMARY
1990-1992

Activity	CY 1992	CY 1991	CY 1990
Applications for Medical Certification	473,884	494,612	480,922
New Applications for First Class Medical Certificates*	-	7,474	7,580
New Applications for Second Class Medical Certificates*	-	12,478	11,674
New Applications for Third Class Medical Certificates*	-	51,207	48,948
First Class Combined Student/Medical Certificates	1,769	5,122	7,625
Second Class Combined Student/Medical Certificates	4,151	10,887	15,551
Third Class Combined Student/Medical Certificates	22,147	69,206	100,168
Electrocardiograms Received for First Class Pilots	70,096	67,090	66,716
Incoming Correspondence	77,766	102,408	77,944
Outgoing Correspondence	126,883	126,312	110,448
Applications Containing Medical or Clerical Problems	190,439	206,226	178,382
Number of Abnormalities Detected in Electrocardiograms	14,019	13,418	13,343
Number of First Class Active Airmen with Pathology Records	34,414	33,133	31,196
Number of Second Class Active Airmen with Pathology Records	54,748	52,600	50,599
Number of Third Class Active Airmen with Pathology Records	78,850	73,440	69,525

* An application receipt is considered a "new application" if the airman has made no indication of previous FAA physical examination and if total flying time equals last six months flying time. Of examinations performed in 1991, 1,175 or 1.7% new applications were denied, 713 or 1.0% were pending, and 69,271 or 97.3% were issued for a total of 71,159 new applications.

(Continued)

Table II.F (Continued)

MEDICAL CERTIFICATION ACTIVITY SUMMARY
1990-1992

The "Record of Physical Examinations Computer Submissions Summary Report," AC 8500-3, was modified during 1969 to reflect the final certification action for each application performed during the previous year. The report is produced in August of each year and reflects data for the previous year.

** Includes information requested by the Aeromedical Certification Division and inquiries from airmen or regional offices.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8500-1, 8500-3, and 8065-3.

SECTION III

REFERRALS AND DENIALS

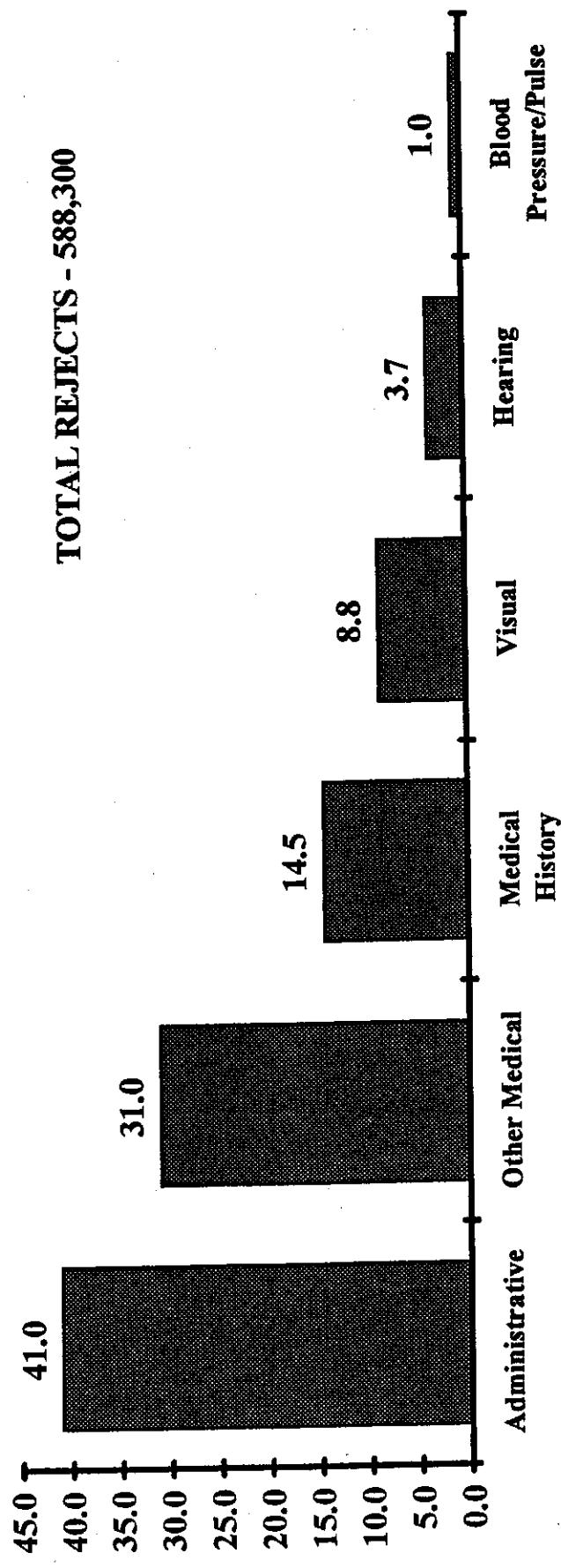
This section is concerned with those applications for medical certification which require manual review. These data are presented by calendar year and reflect the number of rejects, either medical or administrative, generated when the application enters the automated system. Also included are data reflecting the number of special issuances and denials.

FIGURE III.A

**DISTRIBUTION OF CAUSES FOR
REVIEW BY MAJOR CATEGORY**

1992

% OF REJECTS



Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8500-3, Aeromedical Certification Processing Summary.

Table III.B

DISTRIBUTION OF CAUSES FOR REVIEW BY MAJOR AND MINOR CATEGORIES 1992

Reject	Major Category Totals	Percent	Minor Categories	Percent
<u>Administrative</u>	240,448	41.0		
No NDR Authorization			1,120	0.2
AME Number Rejects			4,792	0.8
No Ticket Flag Set			67,104	11.5
Previous Exam Has No Ticket Flag			5,539	0.9
Previous Exam Pending			815	0.1
Clerical Reject			7,074	1.2
Airman Over 80 Years of Age			337	0.0+
Waiver Rejects			1,389	0.2
Re-Submit Exam to Computer			2,313	0.4
Date of ECG Rejects			6,167	1.1
No Match Between New and Previous Exams			2,978	0.5
Discrepancy in Name/DOB			13,213	2.3
Student/Medical Age Less Than 16			201	0.0+
Discrepancy in Social Security Number			6,945	1.2
Other*			120,461	20.6
<u>Visual</u>	51,132	8.8		
Distant Vision			32,522	5.6
Near Vision			13,971	2.4
Field of Vision			557	0.1
Color Vision			4,082	0.7
<u>Other Medical Conditions</u>	181,822	31.0		
Denied or Pending - Current Exam			15,932	2.7
Urinalysis			3,648	0.6
Pathology Codes			75,135	12.8
Abnormalities (Items 25-48)			2,925	0.5
Medication			63,918	10.9
Restrictions			20,264	3.5
<u>Medical History</u>	84,710	14.5		
Previous Exam Special Case			567	0.1
Medical History			61,246	10.5
Previous Exam on Tape Denied			1,969	0.3
Previous Exemption/Special Issuance Case			4,124	0.7
Input Exemption/Special Issuance Case			1,334	0.2
Follow-up Material Requested			11,179	1.9
Current Information with Previous Record			2,126	0.4
Previous Exam Sent to Washington or Region			408	0.1
Previous Record in ECG Pending/Follow-up Not Required This Exam			1,757	0.3
<u>Hearing</u>	21,521	3.7		
Hearing			21,521	3.7
<u>Blood Pressure/Pulse</u>	5,667	1.0		
Blood Pressure			4,154	0.7
Pulse			1,513	0.3
TOTAL REJECT MESSAGES	585,300	100.0		100.0

* Rejects resulting from validity checks against established edit criteria for height, weight, and address; rejects for certificates not issued due to class, no ticket flag, or bad address; and pathology number assigned rejects.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8065-3, Aeromedical Certification Processing Summary.

Table III.C

Special Issuances and Denials
As of: December 31, 1992

Category Issuance/Denial	First Class	Second Class	Third Class	Total
<u>Issuances</u>				
NTSB Issuance	4	6	6	16
Special Issuance by AAM-300	755	405	2,710	3,870
Special Issuance by AAM-1	436	168	359	963
Special Issuance by RFS	3	19	84	106
Total Special Issuances	1,198	598	3,159	4,955
<u>Denials</u>				
Final Denials by AAM-300	89	140	686	915
Final Denials by AAM-1	47	5	3	55
Final Denials by RFS	-	4	11	15
Total Denials	136	149	700	985

* Figures include those cases coded under special issuances or denials on active master file.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8065-1, Pathology Code Summary.

SECTION IV

GENERAL AIRMAN POPULATION DATA

This section reflects general data concerning the active airman population. The data presented are as of December 31, 1992, and cover the preceding 25 months. The 25-month time period was used to describe the active airman population because a medically certified airman is considered "active" for a maximum of 25 months after his last FAA physical examination, i.e., regardless of the class of medical certificate issued, it is valid for third class purposes for a period of time up to 25 months. Those airmen who have allowed their medical certification to lapse into a time period greater than 25 months would be considered "inactive" airmen.

Data are presented by class of medical certificate issued and do not include applications pending or denied. Table IV.A presents data by "effective status" of medical certification. This refers to the time lapse since the certificate was issued as opposed to the class issued. Present FAA regulations stipulate that air transport pilots must be first class medically certified at six-month intervals, commercial pilots must be second class medically certified annually, and general aviation airmen must obtain third class medical certification every two years. Thus, an airman may be first or second class medically certified and the time lapse since examination would reduce the "effective status" to a lower class.

Table IV.A

REGIONAL DISTRIBUTION OF ACTIVE ARMEN BY CLASS OF CERTIFICATE AND EFFECTIVE STATUS*
As of: December 31, 1992

Region	First Class			Second Class			Third Class			Total Active Armen				
	First Class Certified	Effective Status (Class)**		Second Class Certified	Effective Status (Class)**		Third Class Certified	Effective Status (Class)**		Total Armen Certified	Percent of Total Armen	Effective Status (Class)**		
		1	2		2	3		3	1			2	3	
Alaskan	1,528	878	459	191	2,966	2,045	921	4,561	4,561	9,055	1.4	878	2,504	5,673
Central	4,313	2,642	1,167	504	8,094	5,533	2,561	19,276	19,276	31,683	4.8	2,642	6,700	22,341
Eastern	17,389	10,356	4,609	2,424	19,844	12,884	6,960	43,429	43,429	80,662	12.1	10,356	17,493	52,813
Great Lakes	21,216	12,765	5,579	2,872	25,495	17,028	8,467	60,133	60,133	106,844	16.1	12,765	22,607	71,472
New England	6,477	4,057	1,567	853	7,345	4,637	2,708	15,643	15,643	29,465	4.4	4,057	6,204	19,204
Northwest-Mountain	14,800	9,074	3,887	1,839	16,093	10,649	5,444	31,638	31,638	62,551	9.4	9,074	14,536	38,941
Southern	31,266	19,020	8,064	4,182	28,230	18,805	9,425	52,120	52,120	111,616	16.8	19,020	26,869	65,727
Southwest	18,121	11,205	4,707	2,209	20,653	14,264	6,389	34,618	34,618	73,392	11.0	11,205	18,971	43,216
Western-Pacific	22,972	13,812	5,863	3,297	25,776	16,814	8,962	57,374	57,374	106,122	16.1	13,812	22,677	69,633
U.S. TOTAL	138,082	83,809	35,902	18,371	154,496	102,659	51,837	318,812	318,812	611,390	92.1	83,809	138,561	389,020
Military ***	89	31	28	30	16,915	10,489	6,426	6,548	6,548	23,552	3.5	31	10,517	13,004
International	12,926	6,039	3,482	3,405	8,667	5,045	3,622	7,894	7,894	29,487	4.4	6,039	8,527	14,921
TOTAL	151,097	89,879	39,412	21,806	180,078	118,193	61,885	333,254	333,254	664,429	100.0	89,879	157,605	416,945
Percent of Total Certified Armen	(22.7)				(27.1)			(50.2)		(100.0)				

* Figures are based on a 25-month summary from the computer tape files; only certified armen are included.

** Refers to the time lapse since the certificate was issued as opposed to the class issued. Present FAA regulations stipulate that air transport pilots must be first class medically certified at six-month intervals, commercial pilots must be second class medically certified annually, and general aviation armen must obtain third class medical certification every two years. Thus, an arman may be first or second class medically certified and the time lapse since examination would reduce the "effective status" to a lesser class.

*** Military armen were tabulated on the basis of the physical examination being performed at a military examining facility.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8065-4, Examination Time Period Summary.

Table IV.B

ACTIVE AIRMEN'S STATE OF RESIDENCE
BY SEX AND CLASS OF CERTIFICATE ISSUED*
As of: December 31, 1992

State	First Class		Second Class		Third Class		Total Airmen	
	Male	Female	Male	Female	Male	Female	Male	Female
Alabama	957	20	2,242	68	3,880	251	7,079	339
Alaska	1,464	51	2,788	164	4,092	440	8,344	655
Arizona	3,723	201	3,532	213	6,247	585	13,502	999
Arkansas	617	17	1,705	43	2,871	174	5,193	234
California	15,508	810	18,886	1,036	43,220	3,982	77,614	5,828
Colorado	5,080	294	3,705	241	5,770	590	14,555	1,125
Connecticut	2,247	94	1,709	84	3,305	303	7,261	481
Delaware	324	19	426	22	685	39	1,435	80
District of Columbia	66	8	109	7	215	33	390	48
Florida	13,216	535	11,087	550	17,280	1,579	41,583	2,664
Georgia	6,093	127	3,419	124	7,122	519	16,634	770
Hawaii	1,095	66	702	56	668	74	2,465	196
Idaho	477	13	1,160	48	2,432	196	4,069	257
Illinois	5,526	315	5,424	374	11,244	839	22,194	1,528
Indiana	1,916	97	2,619	127	6,614	399	11,149	623
Iowa	570	8	1,641	56	4,122	260	6,333	324
Kansas	993	29	2,356	96	4,792	356	8,141	481
Kentucky	1,481	55	1,332	46	2,965	192	5,778	293
Louisiana	1,461	26	2,359	67	2,785	178	6,605	271
Maine	462	16	820	32	1,972	141	3,254	189
Maryland	1,605	70	2,041	108	4,629	466	8,275	644
Massachusetts	1,680	92	2,706	163	5,700	480	10,086	735
Michigan	2,755	130	4,203	235	10,111	747	17,069	1,112
Minnesota	4,247	273	3,348	190	7,694	577	15,289	1,040
Mississippi	547	10	1,357	32	1,936	122	3,840	164
Missouri	2,108	60	2,651	111	6,422	543	11,181	714
Montana	382	13	1,097	48	1,974	152	3,453	213
Nebraska	525	19	1,133	40	2,614	165	4,272	224
Nevada	1,446	50	1,196	69	2,258	236	4,900	355
New Hampshire	1,302	57	988	70	1,831	148	4,121	275
New Jersey	2,807	102	2,785	169	6,487	523	12,079	794
New Mexico	679	30	1,200	76	2,012	171	3,891	277

(Continued)

Table IV.B (Continued)

ACTIVE AIRMEN'S STATE OF RESIDENCE
BY SEX AND CLASS OF CERTIFICATE ISSUED*
As of: December 31, 1992

State	First Class		Second Class		Third Class		Total Airmen	
	Male	Female	Male	Female	Male	Female	Male	Female
New York	3,594	165	4,866	240	10,760	847	19,220	1,252
North Carolina	3,397	139	3,068	122	6,622	494	13,087	755
North Dakota	642	52	807	30	1,340	81	2,789	163
Ohio	3,081	131	4,630	242	11,021	877	18,732	1,250
Oklahoma	1,391	68	2,921	137	4,702	386	9,014	591
Oregon	1,062	54	2,525	151	5,725	501	9,312	706
Pennsylvania	4,305	203	4,646	303	9,930	792	18,881	1,298
Rhode Island	229	9	344	20	726	75	1,299	104
South Carolina	1,119	49	1,468	36	3,053	203	5,640	288
South Dakota	237	7	689	18	1,241	78	2,167	103
Tennessee	3,265	113	2,914	156	5,268	384	11,447	653
Texas	13,403	388	11,591	407	19,610	1,613	44,604	2,408
Utah	1,621	49	1,237	56	2,638	181	5,496	286
Vermont	275	12	371	26	868	87	1,514	125
Virginia	3,609	136	3,199	152	5,820	481	12,628	769
Washington	5,273	256	4,991	328	9,420	936	19,684	1,520
West Virginia	251	13	591	18	1,389	94	2,231	125
Wisconsin	1,731	66	2,426	116	6,720	508	10,877	690
Wyoming	213	8	452	24	1,038	93	1,703	125
U.S. CIVILIAN TOTAL	132,057	5,625	146,462	7,347	293,840	24,171	572,359	37,143
NASA	190	3	408	29	496	46	1,094	78
Military	97	2	16,704	315	6,162	450	22,963	767
International	12,798	325	8,477	336	7,498	591	28,773	1,252
TOTAL AIRMEN	145,142	5,955	172,051	8,027	307,996	25,258	625,189	39,240

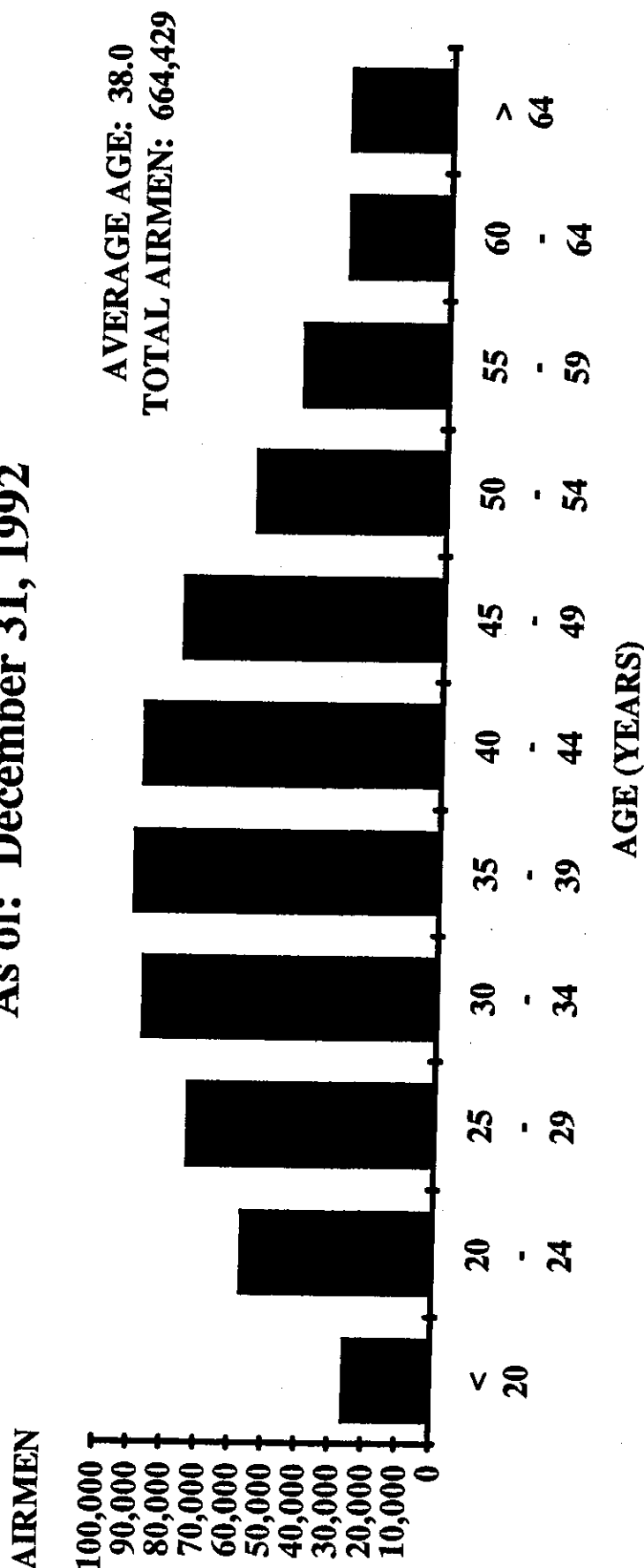
* Totals are based on active airmen certified within the past 25 months.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8500-1, Aeromedical Certification Statistical Handbook Computer Run.

FIGURE IV.C

AGE DISTRIBUTION OF MEDICALLY CERTIFIED AIRMEN

As of: December 31, 1992



Brackets are indicative of age class intervals wherein magnitudes are not apparent on this scale. In such instances, the accompanying table (Table IV.G) should be consulted for frequencies.

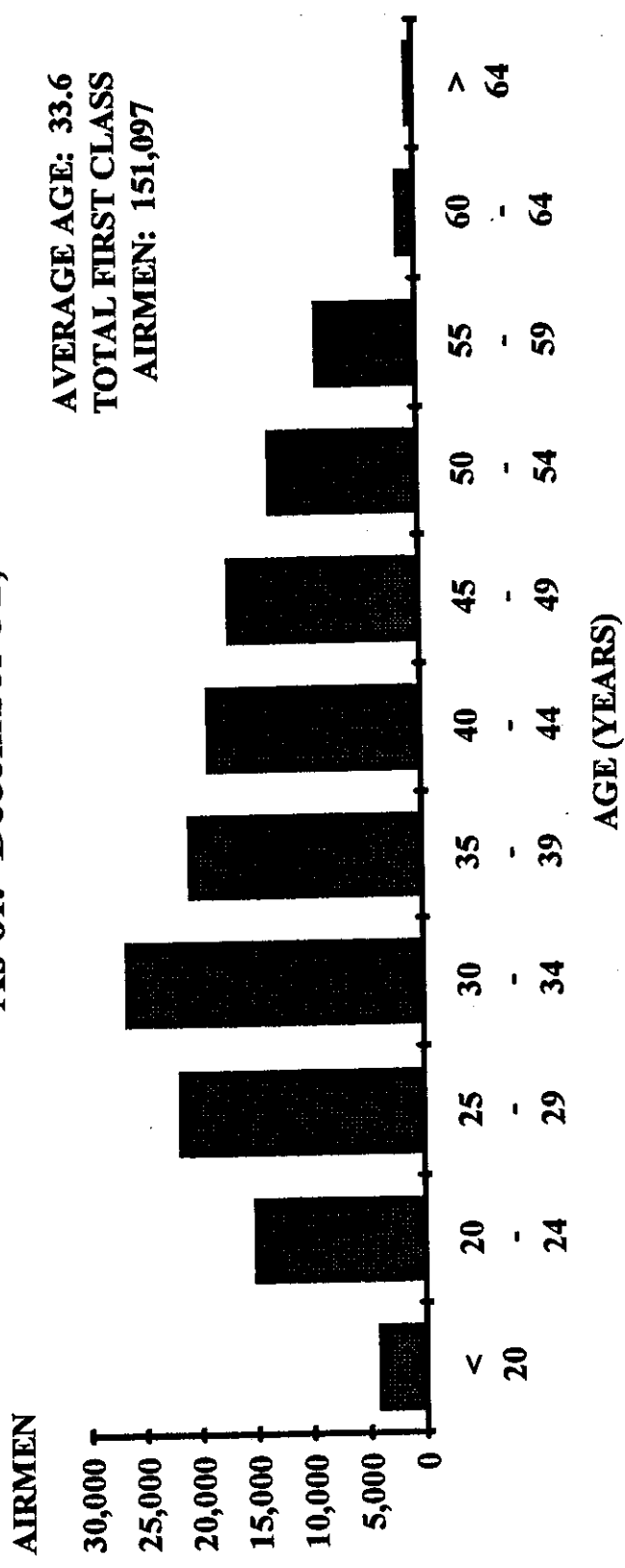
Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8500-1, Aeromedical Certification Statistical Handbook Computer Run.

FIGURE IV.D

AGE DISTRIBUTION OF MEDICALLY CERTIFIED

FIRST CLASS AIRMEN

As of: December 31, 1992



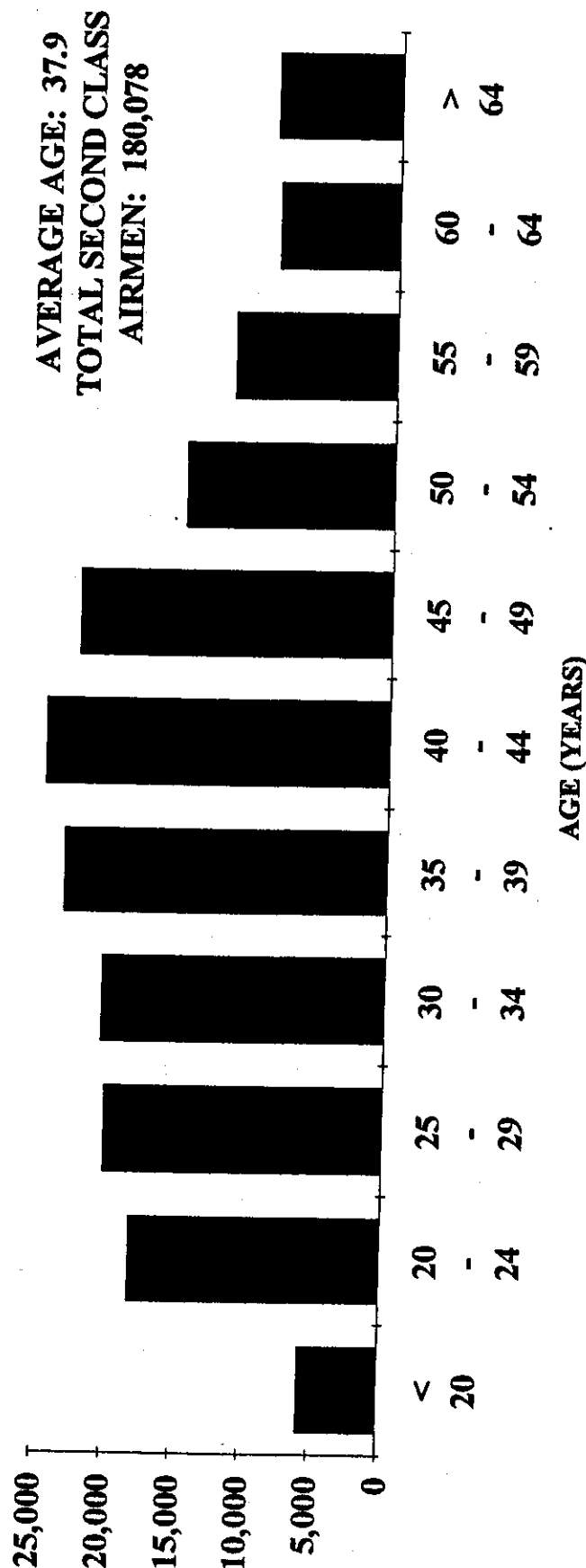
Brackets are indicative of age class intervals wherein magnitudes are not apparent on this scale. In such instances, the accompanying table (Table IV.G) should be consulted for frequencies.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8500-1, Aeromedical Certification Statistical Handbook Computer Run.

FIGURE IV.E

AGE DISTRIBUTION OF MEDICALLY CERTIFIED SECOND CLASS AIRMEN As of: December 31, 1992

AIRMEN



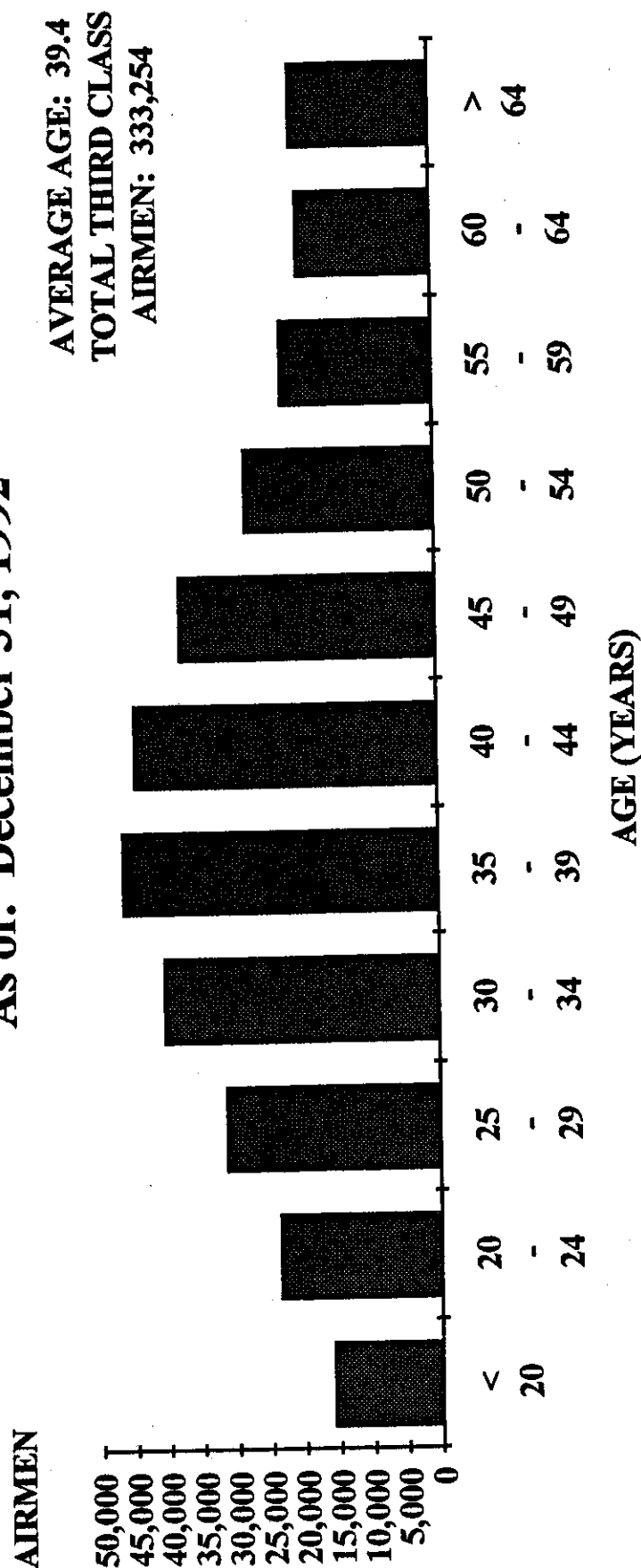
Brackets are indicative of age class intervals wherein magnitudes are not apparent on this scale. In such instances, the accompanying table (Table IV.G) should be consulted for frequencies.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8500-1, Aeromedical Certification Statistical Handbook Computer Run.

FIGURE IV.F

AGE DISTRIBUTION OF MEDICALLY CERTIFIED THIRD CLASS AIRMEN

As of: December 31, 1992



Brackets are indicative of age class intervals wherein magnitudes are not apparent on this scale. In such instances, the accompanying table (Table IV.G) should be consulted for frequencies.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8500-1, Aeromedical Certification Statistical Handbook Computer Run.

Table IV.G

AGE DISTRIBUTION OF ACTIVE AIRMEN
BY CLASS AND SEX*
As of: December 31, 1992

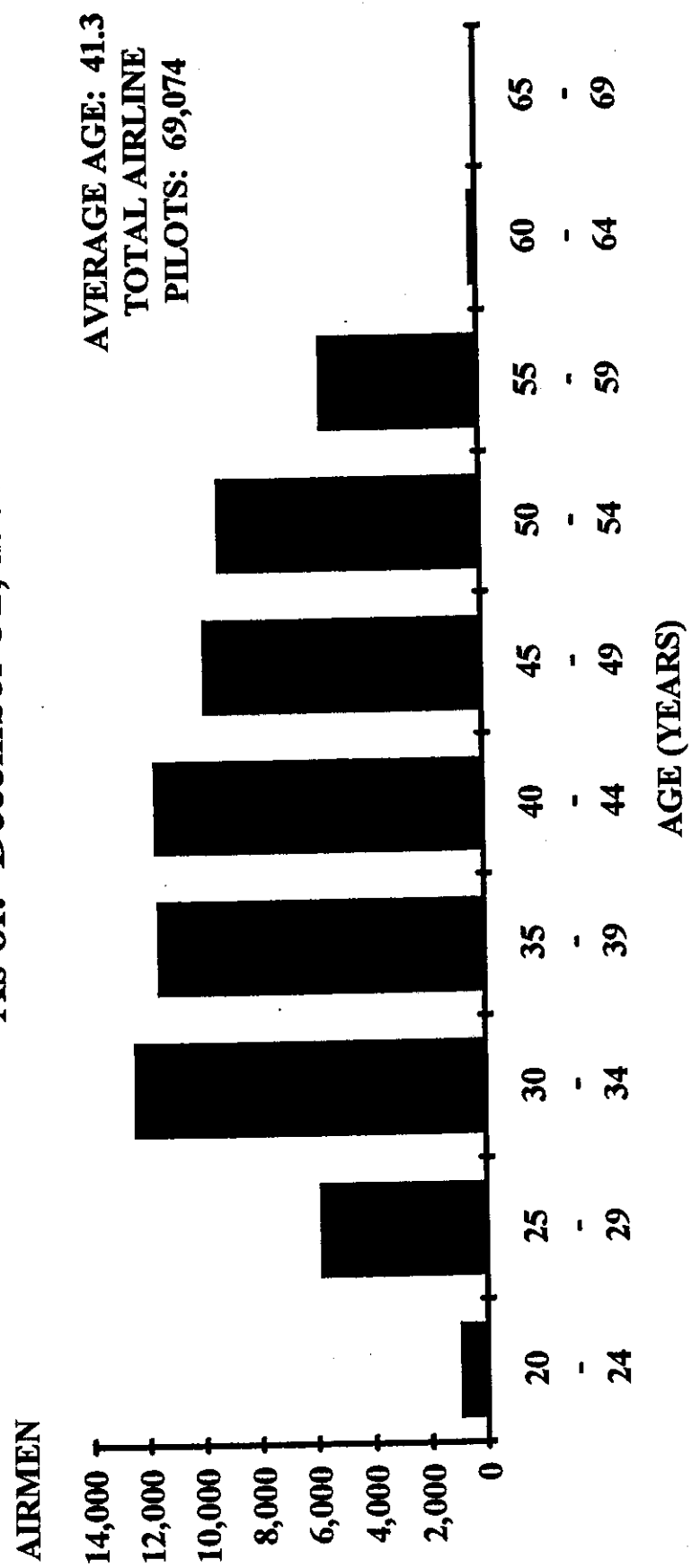
Age	First Class		Second Class		Third Class		Total Airmen	
	Male	Female	Male	Female	Male	Female	Male	Female
Less than 15	3	1			40	9	44	10
15 - 19	3,761	537	5,081	677	13,794	2,187	22,636	3,401
20 - 24	14,081	1,265	16,926	1,323	21,455	2,350	52,462	4,938
25 - 29	20,587	1,442	19,055	1,144	28,570	3,116	68,212	5,702
30 - 34	25,493	1,300	19,448	1,063	37,076	3,600	82,017	5,963
35 - 39	20,209	789	22,299	1,133	42,984	3,756	85,492	5,678
40 - 44	18,863	378	23,922	950	41,365	3,557	84,150	4,885
45 - 49	17,177	145	21,973	648	35,371	2,621	74,521	3,414
50 - 54	13,387	54	14,696	413	26,500	1,638	54,583	2,105
55 - 59	9,093	20	11,415	284	21,459	1,093	41,967	1,397
60 - 64	1,722	12	8,478	200	19,164	766	29,364	978
65 - 69	530	10	5,430	116	12,787	380	18,747	506
70 - 74	208	2	2,628	59	5,469	146	8,305	207
75 - 79	23	-	604	14	1,618	37	2,245	51
80 - 84	4	-	81	3	296	2	381	5
85 and over	1	-	14	-	48	-	63	-
TOTAL	145,142	5,955	172,051	8,027	307,996	25,258	625,189	39,240
Average Age	37.7	29.4	40.7	35.0	41.7	37.0	40.5	35.4

*Totals are based on active certified airmen within the past 25 months.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: 8500-1, Aeromedical Certification Statistical Handbook Computer Run.

FIGURE IV.H

AGE DISTRIBUTION OF AIRLINE PILOTS
As of: December 31, 1992



Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8500-1, Aeromedical Certification Statistical Handbook Computer Run.

AGE DISTRIBUTION OF AIRLINE PILOTS*
As of: December 31, 1992

Age Groups (1)	Airline Pilots (2)	Certified First Class Airmen** (3)	Airline Pilots (4)	Percent of Total Certified First Class Airmen(5)
20 - 24	812	15,346	1.2	10.5
25 - 29	5,775	22,029	8.4	15.1
30 - 34	12,483	26,793	18.0	18.2
35 - 39	12,485	20,998	18.0	14.3
40 - 44	11,329	19,241	16.4	13.1
45 - 49	10,398	17,322	15.1	11.8
50 - 54	9,440	13,441	13.7	9.2
55 - 59	5,956	9,113	8.6	6.2
SUBTOTAL	68,678	144,283	99.4	98.4
60 - 64	326	1,734	0.5	1.2
65 - 69	70	540	0.1	0.4
TOTAL	69,074	146,557	100.0	100.0
Average Age	41.3	33.6		

* Airline Pilots, Column (2), were determined by the combination of first class medical certificate issuance during the preceding 13 months and an occupation of "pilot for an airline". Figures in Column (3) were based on first class medical certificate issuance during the preceding 25 months.

** Extreme age groups were deleted to more closely compare with age requirements for airline pilots. Under Part 121, Federal Aviation Regulations, no person may serve as a pilot of an airplane engaged in air carrier operations if that person has reached his/her 60th birthday. However, some airmen falling into this category still list their occupation as "pilot" even though their actual duties do not involve control of the airplane.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8500-2, Aeromedical Certification Statistical Handbook Computer Run.

Table IV.J

HEIGHT DISTRIBUTION OF ACTIVE AIRMEN

BY CLASS AND SEX*

As of: December 31, 1992

Height in Inches	First Class		Second Class		Third Class		Total Airmen	
	Male	Female	Male	Female	Male	Female	Male	Female
Less than 59	127	38	253	63	532	224	912	325
59	68	13	109	35	222	126	399	174
60	105	52	239	180	558	638	902	870
61	91	114	149	251	446	929	686	1,294
62	88	313	209	641	486	2,167	783	3,121
63	176	514	405	784	896	2,674	1,477	3,972
64	613	899	1,138	1,207	2,255	3,800	4,006	5,906
65	1,441	891	2,417	1,142	4,506	3,599	8,364	5,632
66	3,901	980	5,707	1,202	10,883	3,754	20,491	5,936
67	7,542	801	9,941	1,002	18,080	2,891	35,563	4,694
68	13,513	604	16,633	728	30,232	2,077	60,378	3,409
69	16,609	361	20,346	404	34,698	1,238	71,653	2,003
70	22,422	230	26,142	213	47,294	651	95,858	1,094
71	20,536	74	24,218	94	44,045	276	88,799	444
72	24,754	45	28,076	52	49,015	116	101,845	213
73	13,348	15	14,600	10	26,025	35	53,973	60
74	10,330	5	10,982	8	19,325	27	40,637	40
75	5,169	3	5,601	4	9,437	10	20,207	17
Over 75	4,309	3	4,886	7	9,061	26	18,256	36
TOTAL	145,142	5,955	172,051	8,027	307,996	25,258	625,189	39,240
Average Height	70.7	65.7	70.5	65.3	70.5	65.1	70.5	65.2

* Totals are based on active airmen certified within the past 25 months. Height, as reported by the airmen, is rounded to the nearest inch.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8500-1, Aeromedical Certification Statistical Handbook Computer Run.

WEIGHT DISTRIBUTION OF ACTIVE AIRMEN

BY CLASS AND SEX*

As of: December 31, 1992

Weight in Pounds	First Class		Second Class		Third Class		Total Airmen	
	Male	Female	Male	Female	Male	Female	Male	Female
Less than 90	8	5	6	9	17	24	31	38
90 - 99	8	44	11	69	27	220	46	333
100 - 109	63	268	91	429	219	1,293	373	1,990
110 - 119	240	909	327	1,139	771	3,341	1,338	5,389
120 - 129	882	1,479	1,281	1,642	2,597	5,021	4,760	8,142
130 - 139	2,980	1,323	3,827	1,597	6,757	5,028	13,564	7,948
140 - 149	7,458	857	8,453	1,185	14,582	3,758	30,493	5,800
150 - 159	14,814	481	15,573	724	26,525	2,464	56,912	3,669
160 - 169	21,647	261	22,525	448	38,515	1,475	82,687	2,184
170 - 179	24,949	157	26,600	289	46,086	925	97,635	1,371
180 - 189	23,570	74	26,984	175	46,490	601	97,044	850
190 - 199	17,621	38	21,410	106	37,737	361	76,768	505
200 - 209	11,953	18	15,700	62	28,567	231	56,220	311
210 - 219	7,719	17	10,601	46	20,147	174	38,467	237
220 - 229	4,790	15	7,256	36	14,306	128	26,352	179
230 - 239	2,830	5	4,411	28	9,247	69	16,488	102
240 - 249	1,517	-	2,760	17	5,768	56	10,045	73
Over 249	2,093	4	4,235	26	9,638	89	15,966	119
TOTAL	145,142	5,955	172,051	8,027	307,996	25,258	625,189	39,240
Average Weight	182.0	135.0	185.0	138.8	186.4	139.7	185.0	138.8

* Totals are based on active airmen certified within the past 25 months. Weight, as reported by the airmen, is rounded to the nearest pound.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8500-1, Aeromedical Certification Statistical Handbook Computer Run.

Table IV.L

ACTIVE AIRMEN BY OCCUPATION, CLASS AND SEX*
As of: December 31, 1992

Occupation Code	First Class		Second Class		Third Class		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
1 Pilot (Scheduled or Non-Scheduled Airline)	70,906	1,730	283	15	42	3	71,231	1,748
2 Flight Engineer	979	21	1,868	16	11	1	2,858	38
3 Flight Navigator/ Flight Radio Operator	9	-	27	-	1	1	37	1
4 Business or Executive Pilot	22,842	663	213	9	31	-	23,086	672
5 Commercial Pilot (Self Employed)	30	-	3,755	112	10	-	3,795	112
6 Commercial Pilot (Not Self Employed)	158	8	19,373	457	43	2	19,574	467
7 Aero Application (Agriculture)	56	1	2,509	3	22	-	2,587	4
8 Air Traffic Controller**	22	2	973	81	28	7	1,023	90
9 Flight Instructor	5,489	595	4,159	454	33	3	9,681	1,052
0 Aircraft Mechanic & Fixed Base Operator	489	2	2,470	27	255	4	3,214	33
X Not Given or Non-Aeronautical Occupation	44,158	2,933	136,416	6,851	307,409	25,184	487,983	34,968
F Flight Service Station Specialist	4	-	5	2	111	53	120	55
TOTAL	145,142	5,955	172,051	8,027	307,996	25,258	625,189	39,240
								100.0

* Totals are based on active airmen certified within the past 25 months. Occupation was based on response by the airmen in Block 11 of FAA Form 8500-8; if not given, occupation was classified as "non-aeronautical". Basis for percentage computations is number in each occupation category to total airmen.

**Includes military ATCs and civilian (FAA) ATCs who are also pilots and/or were issued a medical certificate.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8500-1, Aeromedical Certification Statistical Handbook Computer Run.

Table IV.M

EMPLOYERS OF ACTIVE AIRMEN BY
CLASS OF CERTIFICATE ISSUED*
As of: December 31, 1992

Employer	First Class	Second Class	Third Class	Total	Major Percent of Total
Air Wisconsin	263	4	-	267	
Airlift Associates	4	1	-	5	
Alaska Airlines	766	167	2	935	
Aloha Airlines	188	22	-	210	
American Airlines	8,550	1,630	7	10,187	
American Eagle	962	17	-	979	
America West	1,123	16	-	1,139	
Atlantic Southeast	424	15	-	439	
Big Sky Airlines	9	-	-	9	
Braniff Airlines	106	7	1	114	
British Airways	45	11	-	56	
Britt Airways	30	2	-	32	
Business Express	465	3	1	469	
China Airlines	50	2	-	52	
Comair, Inc.	581	42	-	623	
Continental Airlines	4,162	45	1	4,208	
Delta Airlines	9,324	54	8	9,386	
Eastern Airlines	168	2	1	171	
Evergreen Airlines	287	86	-	373	
Federal Express	2,079	237	3	2,319	
Hawaiian Airlines	282	31	-	313	
Henson Airlines	179	10	-	189	
Horizon Airlines	532	23	-	555	
Japan Airlines	41	86	-	127	
KLM - Royal Dutch Airlines	15	-	-	15	
Korean Airlines	344	104	2	450	
Lufthansa-German Airlines	43	111	1	155	
Mesa Airlines	206	12	-	218	
Mesaba Airlines	310	2	-	312	
Metro Airlines	213	5	-	218	
Midway Airlines	77	4	-	81	
Northwest Airlines	5,468	51	5	5,524	
Pan Amer. World Airways	357	61	2	420	
Pennsylvania Airlines	93	3	-	96	
Piedmont Aviation	15	3	-	18	
Saudi Arabian Airlines	1,107	126	-	1,233	
Simmons	160	-	2	162	
Southwest Airlines	1,216	22	1	1,239	
Trans World Airlines	3,044	67	5	3,116	
Trump Shuttle	45	-	-	45	
U.S. Air	5,620	395	3	6,018	
United Airlines	7,563	627	12	8,202	
West Air	399	30	-	429	
World Airways	132	46	1	179	
Zantop Airways	138	17	-	155	
SUBTOTAL - ALL AIRLINES	57,185	4,199	58	61,442	(9.2)

(Continued)

Table IV.M (Continued)

EMPLOYERS OF ACTIVE AIRMEN BY
CLASS OF CERTIFICATE ISSUED*
As of: December 31, 1992

Employer	First Class	Second Class	Third Class	Total	Major Percent of Total
Federal Aviation Adm. Government, other than Military or FAA, includes State and Local Government	619	5,706	320	6,645	(1.0)
Aircraft Industry	515	1,096	16	1,627	(0.2)
Industry, other than Aircraft	271	239	6	516	(0.1)
Fixed Base Operation (Flying schools, etc.)	3,586	2,144	16	5,746	(0.9)
Self Employed	5,489	6,537	206	12,232	(1.8)
Other	3,841	6,811	84	10,736	(1.6)
Not Applicable	31,638	14,330	157	46,125	(6.9)
Air Force	42,196	128,730	331,936	502,862	(75.7)
Army	3,554	4,983	182	8,719	(1.4)
Coast Guard	554	2,837	49	3,440	(0.5)
Marines and Navy	167	107	4	278	(0.0+)
National Aeronautics and Space Adm.	1,401	2,201	79	3,681	(0.6)
	81	158	141	380	(0.1)
SUBTOTAL - ALL OTHERS	93,912	175,879	333,196	602,987	(90.8)
TOTAL	151,097	180,078	333,254	664,429	(100.0)

* Totals are based on active airmen certified within the past 25 months. Employer data is provided by the airmen in Block 12 of FAA Form 8500-8. If blank or other than aeronautical employer is reflected, it is classified as "not applicable".

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8500-1, Aeromedical Certification Statistical Handbook Computer Run.

Section V

MEDICAL CHARACTERISTICS OF THE AIRMAN POPULATION

This section presents medical characteristics of the active airman population (those airmen certified within the preceding 25 months) as of December 31, 1992, by class of medical certificate issued.

Table V.A

ACTIVE AIRMEN BY NUMBER OF RESTRICTIONS
CARRIED, CLASS AND SEX*
As of: December 31, 1992

Number of Restrictions	First Class		Second Class		Third Class		Total Airmen		Total	
	Male	Female	Male	Female	Male	Female	Male	Female	Airmen	Restrictions
1	56,251	1,973	92,374	4,139	162,542	13,457	311,167	19,569	330,736	330,736
2	825	8	1,928	37	8,201	184	10,954	229	11,183	22,366
3	17	-	152	1	289	5	458	6	464	1,392
4	-	-	5	1	8	-	13	1	14	56
5	-	-	-	-	1	-	1	-	1	5
6	-	-	-	-	-	-	-	-	-	-
More than 6	-	-	-	-	-	-	-	-	-	-
Total Airmen	57,093	1,981	94,459	4,178	171,041	13,646	322,593	19,805	342,398	354,555

*Figures are based on active airmen certified within the past 25 months.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch;
RIS: AC 8500-1, Aeromedical Certification Statistical Handbook Computer Run.

FREQUENCY OF RESTRICTIONS AMONG
ACTIVE AIRMEN BY CLASS AND SEX*
As of: December 31, 1992

Restriction	First Class		Second Class		Third Class		Total Airmen	
	Male	Female	Male	Female	Male	Female	Male	Female
Must Have Available Glasses For Near Vision	16,480	91	17,267	424	34,811	1,973	68,558	2,488
Must Wear Corrective Lenses	27,766	1,591	47,059	2,612	81,829	7,802	156,654	12,005
Must Wear Glasses for Near and Distant Vision	4,079	77	10,790	364	18,585	1,232	33,454	1,673
Must Wear Lenses for Distant Vision and Possess Glasses for Near Vision	8,172	211	18,345	754	31,007	2,518	57,524	3,483
Must Wear Prismatic Correction	3	-	6	1	17	-	26	1
Must Wear Corrective Lenses: Extra Pair Must Be Available	46	2	82	7	108	11	236	20
Must Wear Hearing Aid	57	1	217	4	556	20	830	25
Must Wear Artificial Limb	21	1	70	1	148	7	239	9
Oxygen Required when Flying Above 7,999 Feet	-	-	-	-	2	-	2	-
Passenger Carrying Prohibited	2	-	4	-	10	2	16	2
Not Valid for Pilot in Command	1	-	8	-	11	-	20	-

(Continued)

Table V.B (Continued)

FREQUENCY OF RESTRICTIONS AMONG
ACTIVE AIRMEN BY CLASS AND SEX*
As of: December 31, 1992

Restriction	First Class		Second Class		Third Class		Total Airmen	
	Male	Female	Male	Female	Male	Female	Male	Female
Not Valid for Control Tower Operator Duties	-	-	6	-	14	-	20	-
Not Valid for Air Transport Duties	-	-	1	-	3	-	4	-
Not Valid for Night Flying or By Color Signal Control (Color Vision)	177	-	994	1	6,001	21	7,172	22
Not Valid for Night Flying (Glaucoma)	1	-	2	-	13	1	16	1
Not Valid for Flying Where Radio Use is Required	-	-	8	-	63	2	71	2
Valid for Flight Service Station or Center Duties Only	-	-	1	-	-	1	1	1
Valid for Flight Test Only	4	-	7	-	8	-	19	-
Second Class Privileges Limited to Crop Dusting	-	-	17	-	1	-	18	-
Second Class Privileges Limited to Flight Engineer Duties	2	-	40	1	2	-	44	1

(Continued)

Table V. (Continued)

FREQUENCY OF RESTRICTIONS AMONG
ACTIVE AIRMEN BY CLASS AND SEX*
As of: December 31, 1992

Restriction	First Class		Second Class		Third Class		Total Airmen	
	Male	Female	Male	Female	Male	Female	Male	Female
Second Class Privileges Limited to Control Tower Operator Duties	1	-	3	1	-	-	4	1
Valid for and Limited to ATC Duties Only	-	-	56	5	12	2	68	7
Valid for ATC Duties - Center Only	-	-	1	-	3	-	4	-
Valid for Flight Service Station Duties Only	-	-	3	-	3	-	6	-
Limited to Military Controller Duties	-	-	7	-	4	-	11	-
Valid for Control Tower Duties When Second Controller on Duty	-	-	1	-	6	-	7	-
Valid Only When Accompanied by Another Qualified Pilot	-	-	5	-	1	-	6	-
Valid for Student Pilot Purposes Only	34	5	93	3	1,162	94	1,289	102
Second Class Privileges Limited to Cargo Operations	-	-	-	-	-	-	-	-

(Continued)

Table V.B (Continued)

FREQUENCY OF RESTRICTIONS AMONG
ACTIVE AIRMEN BY CLASS AND SEX*
As of: December 31, 1992

Restriction	First Class		Second Class		Third Class		Total Airmen	
	Male	Female	Male	Female	Male	Female	Male	Female
Time Limitation Restrictions	781	1	1,199	29	4,789	126	6,769	156
Special Issuance Restrictions	1	-	1	-	11	2	13	2
Miscellaneous Restrictions	324	9	413	13	668	26	1,405	48
TOTAL	57,952	1,989	96,706	4,220	179,848	13,840	334,506	20,049

* Figures are based on active airmen certified within the past 25 months; however, the restriction may have been assigned prior to the most recent examination. Airmen may have more than one restriction.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8500-1, Aeromedical Certification Statistical Handbook Computer Run.

Table V.C

ACTIVE AIRMEN WITH DEFECTIVE COLOR VISION
 BY CLASS AND SEX*
 As of: December 31, 1992

Class Issued	Frequency**			
	Male	Percent	Female	Percent
First	2,129	(1.5)	-	(0.0)
Second	4,665	(2.7)	9	(0.1)
Third	11,041	(3.6)	37	(0.1)
TOTAL	17,835	(2.9)	46	(0.1)

* Figures are based on active airmen certified within the past 25 months and the assignment of the restriction "Not Valid for Night Flying or by Color Signal Control" or issuance of a waiver for deficient color vision.

** Basis for percentages is the number of active airmen by sex within each class. Percent of total is computed using the total male or female population.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8500-1, Aeromedical Certification Statistical Handbook Computer Run.

Table V.D

ACTIVE AIRMEN WITH WAIVERS
BY CLASS AND SEX*
As of: December 31, 1992

Class Issued	Frequency**			
	Male	Percent	Female	Percent
First	10,601	(7.3)	483	(8.1)
Second	28,068	(16.3)	1,301	(16.2)
Third	17,329	(5.6)	493	(2.0)
TOTAL	55,998	(9.0)	2,277	(5.8)

* Figures are based on active airmen certified within the past 25 months; however, the waiver may have been issued prior to the most recent examination. Tabulations were based on an indication of a waiver in the class issued code or the presence of a waiver number.

** Basis for percentages is the number of active airmen by sex within each class. Percent of total is computed using the total male or female population.

Source: Civil Aeromedical Institute, Aeromedical Certification Division, Program Support Branch; RIS: AC 8500-1, Aeromedical Certification Statistical Handbook Computer Run.