

T H E E U R O P E A N A E R O S P A C E I N D U S T R Y

T R A D I N G P O S I T I O N A N D F I G U R E S

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(Commission Staff Working Paper)

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P R E F A C E

We have the pleasure to present you with the 1987 edition of the document

"The European aerospace industry - Trading position and figures".

This document is based on the most relevant statistics available to the Commission of the European Communities on the aerospace sector in the world.

The Directorate-General for the Internal Market and Industrial Affairs has been compiling and collating these statistics since 1972.

Data for Spain and Portugal are now included in Community figures.

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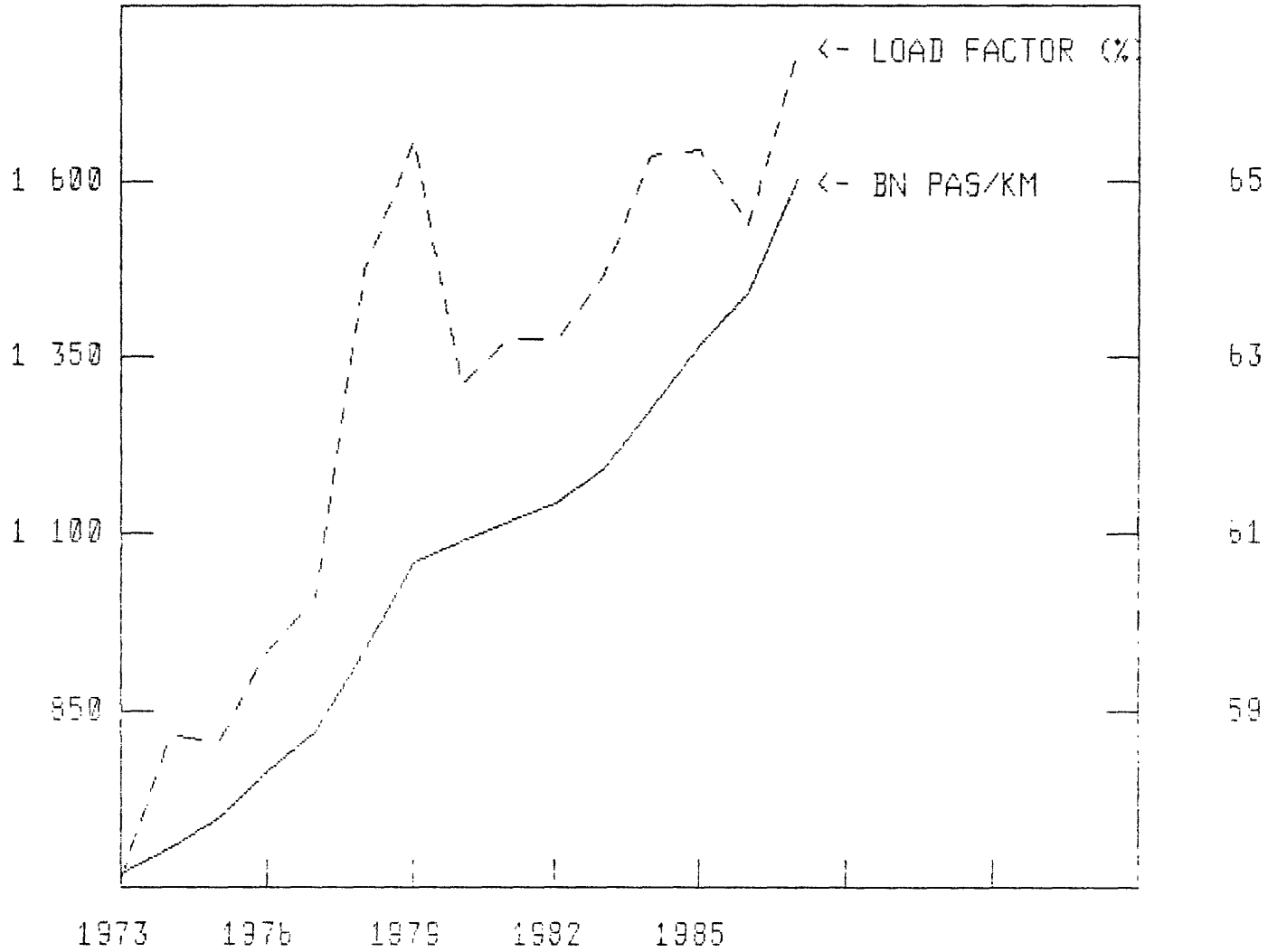
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CHAPTER 1

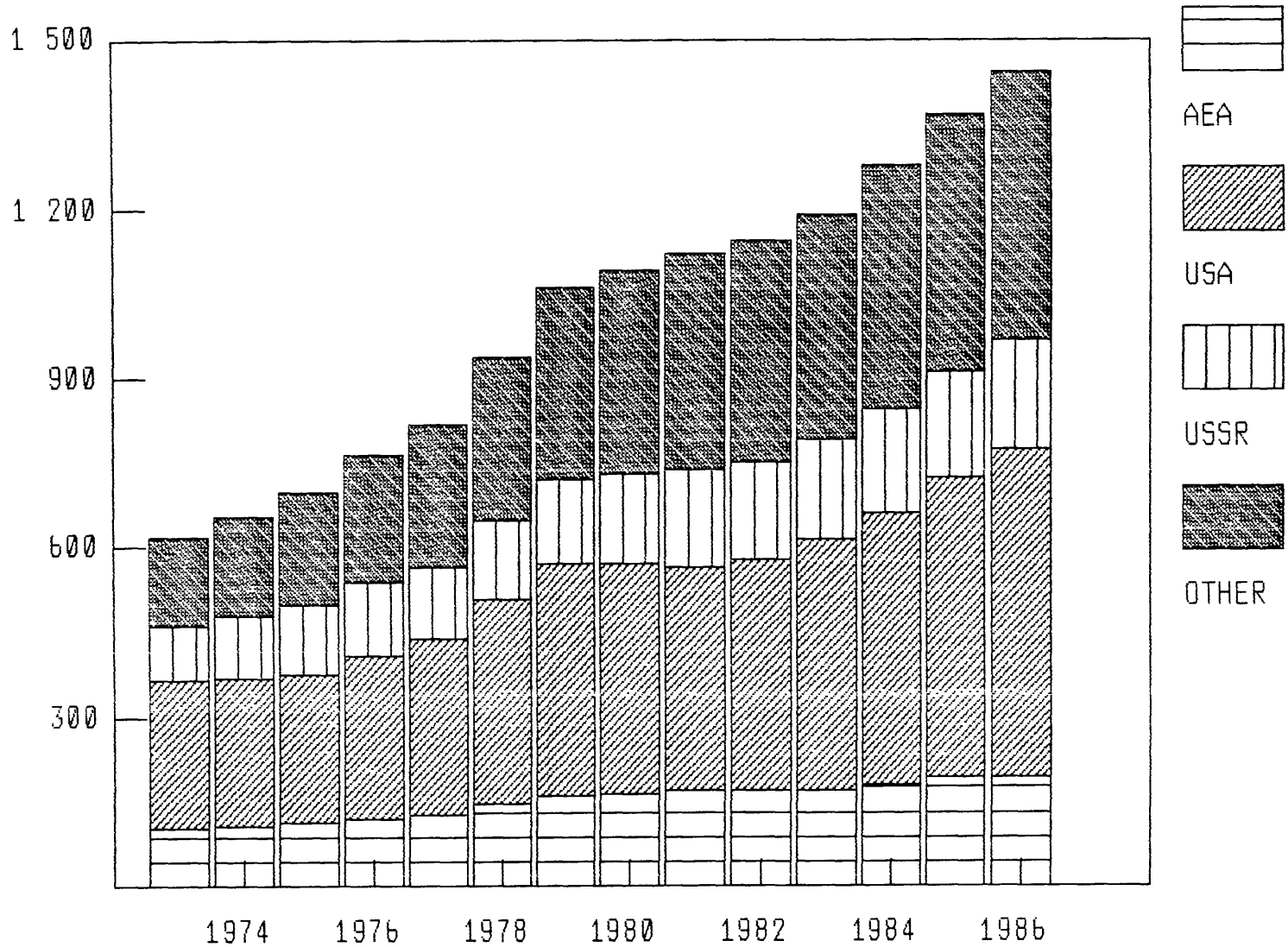
C I V I L A I R T R A F F I C

1. The data referring to the world air traffic correspond to scheduled operations of airlines of ICAO States and are published in the ICAO Bulletin.
2. The data referring to the scheduled operations of AEA member airlines, according to the A.E.A. Annual Report, are broken down between:
 - domestic traffic : traffic within the national frontiers of the A.E.A. reporting carrier's country of registration
 - Intra-European traffic : international traffic between Europe (including Turkey and USSR up to 55°E), North Africa (Algeria, Morocco and Tunisia) and the Middle East (Bahrain, Cyprus, Egypt, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Saudi Arabia, Sudan, Syria, United Arab Emirates, Yemen and the Democratic Republic of Yemen).
 - Intercontinental traffic: other international traffic

WORLD SCHEDULED TRAFFIC



SCHEDULED TRAFFIC (BN PAS/KM)



WORLD SCHEDULED TRAFFIC (INCLUDING USSR)

1) PASSENGERS (BILLION)

	CARRIED PASSENGERS	REVENUE PASSENGERS/KM	AVAILABLE SEATS-KM	LOAD FACTOR (%)
1973	0.489	618	1,073	58
1974	0.515	656	1,108	59
1975	0.534	697	1,179	59
1976	0.576	764	1,270	60
1977	0.610	818	1,346	61
1978	0.679	936	1,451	65
1979	0.754	1,060	1,607	66
1980	0.748	1,089	1,724	63
1981	0.752	1,119	1,757	64
1982	0.766	1,142	1,795	64
1983	0.798	1,190	1,852	64
1984	0.847	1,277	1,971	65
1985	0.898	1,366	2,079	66
1986	0.955	1,454	2,236	65
1987	1.040	1,603	2,376	67

2) PASSENGERS (ANNUAL GROWTH RATE)

	CARRIED PASSENGERS	REVENUE PASSENGERS/KM	AVAILABLE SEATS-KM
1973	8.7	11.4	-
1974	5.3	6.1	3.3
1975	3.7	6.3	6.4
1976	7.9	9.6	7.7
1977	5.9	7.1	6.0
1978	11.3	14.4	7.8
1979	11.0	13.2	10.8
1980	0.8	2.7	7.3
1981	0.5	2.8	1.9
1982	1.9	2.1	2.2
1983	4.2	4.2	3.2
1984	6.1	7.3	6.4
1985	6.0	7.0	5.5
1986	6.3	6.4	7.6
1987	8.9	10.2	6.3

EEC - DG III / SOURCE : ICAO

WORLD SCHEDULED TRAFFIC (INCLUDING USSR)

3) FREIGHT (MILLION TONS)

	TONS FREIGHT CARRIED	FREIGHT TONS/KM		
		TOTAL	FREIGHT (%)	MAIL (%)
1973	8.2	20,410	85.9	14.1
1974	8.7	21,900	86.8	13.2
1975	8.7	22,270	87.0	13.0
1976	9.3	24,570	87.7	12.3
1977	10.0	26,810	88.1	11.9
1978	10.6	29,210	88.8	11.2
1979	11.0	31,440	89.1	10.9
1980	11.1	33,060	88.9	11.1
1981	10.9	34,670	89.1	10.9
1982	11.6	35,410	89.1	10.9
1983	12.3	39,110	89.8	10.2
1984	13.4	43,940	90.2	9.8
1985	13.7	44,200	90.1	9.9
1986	15.1	47,750	90.5	9.5
1987	16.6	52,740	91.1	8.9

4) FREIGHT (ANNUAL GROWTH RATE)

	TONS FREIGHT CARRIED	FREIGHT TONS/KM		
		TOTAL	FREIGHT	MAIL
1973	-	-	-	-
1974	6.1	7.3	8.5	0.0
1975	0.0	1.7	1.8	0.7
1976	6.9	10.3	11.2	4.5
1977	7.5	9.1	9.7	5.0
1978	6.0	9.0	9.8	2.8
1979	3.8	7.6	8.0	4.9
1980	0.9	5.2	4.9	7.3
1981	1.8	4.9	5.1	3.0
1982	6.4	2.1	2.1	2.1
1983	6.0	10.4	11.3	3.4
1984	8.9	12.3	12.9	7.5
1985	2.2	0.6	0.4	2.1
1986	10.2	8.0	8.6	3.2
1987	9.9	10.5	11.2	3.1

EEC - DG III / SOURCE : ICAO

BREAKDOWN OF WORLD SCHEDULED TRAFFIC

1) REVENUE PASSENGERS/KM (BILLION)

	TOTAL	BREAKDOWN %			
		AEA	USA	USSR	REST OF THE WORLD
1973	618	16.7	42.2	15.9	25.2
1974	656	16.4	40.0	16.6	27.1
1975	697	16.2	37.6	17.6	28.6
1976	764	15.6	37.7	17.1	29.6
1977	818	15.6	38.0	15.5	30.9
1978	936	15.6	38.9	14.9	30.6
1979	1,060	15.0	38.8	14.2	31.9
1980	1,089	14.9	37.6	14.7	32.8
1981	1,119	15.1	35.4	15.3	34.2
1982	1,142	14.9	35.8	15.1	34.2
1983	1,190	14.2	37.3	14.8	33.6
1984	1,277	14.1	37.6	14.4	34.0
1985	1,366	14.0	38.9	13.7	33.3
1986	1,454	13.3	39.9	13.3	33.4

2) REVENUE PASSENGERS/KM (ANNUAL GROWTH RATE)

	TOTAL	AEA	USA	USSR	REST OF THE WORLD
1973	11.4	20.0	6.2	3.3	21.3
1974	6.1	3.8	0.6	10.4	14.3
1975	6.3	5.3	0.1	12.7	12.2
1976	9.6	5.5	9.9	6.6	13.4
1977	7.1	6.8	8.0	2.7	11.7
1978	14.4	14.5	17.0	10.1	13.3
1979	13.2	9.3	13.1	7.8	18.2
1980	2.7	1.9	0.6	6.4	5.6
1981	2.8	4.2	3.2	6.9	7.1
1982	2.1	0.4	3.4	0.5	2.1
1983	4.2	0.3	8.5	2.4	2.4
1984	7.3	6.6	7.9	4.0	8.4
1985	7.0	5.9	10.9	2.3	5.0
1986	6.4	1.5	9.1	3.4	6.7

	REVENUE PASSENGERS/KM (BILLION)			AVAILABLE SEATS-KM (BILLION)			LOAD FACTOR (%))		
	DOMESTIC	INTRA-EURO.	INTERCONTI.	DOMESTIC	INTRA-EURO.	INTERCONTI.	DOMESTIC	INTRA-EURO.	INTERCONTI.
1970	-	22.0	44.6	-	41.3	84.5	-	53.3	52.8
1971	-	24.9	48.0	-	45.4	96.4	-	54.9	49.8
1972	-	27.4	58.8	-	51.5	109.8	-	53.3	53.5
1973	-	31.0	72.5	-	55.9	129.7	-	55.4	55.9
1974	-	31.8	75.6	-	59.3	133.8	-	53.6	56.5
1975	-	34.4	78.7	-	62.6	138.7	-	55.0	56.7
1976	15.7	38.3	80.9	24.8	67.5	142.2	63.3	56.8	56.9
1977	17.0	43.0	84.4	26.0	73.0	144.4	65.5	58.9	58.4
1978	17.4	46.9	99.0	26.3	79.0	160.7	66.1	59.3	61.6
1979	19.8	49.8	109.5	29.7	84.1	169.1	66.7	59.2	64.7
1980	19.3	48.1	114.2	30.2	86.3	185.1	63.9	55.8	61.7
1981	19.8	49.4	119.7	29.9	84.9	185.3	66.2	58.2	64.6
1982	20.7	49.2	120.6	31.3	85.7	185.6	66.3	57.4	64.9
1983	21.7	49.1	120.1	33.0	85.6	184.2	65.9	57.4	65.2
1984	22.3	53.4	127.1	32.8	89.5	187.2	67.8	59.6	67.9
1985	22.9	55.7	135.4	34.0	93.0	199.1	67.2	59.9	68.0
1986	23.8	56.8	137.2	35.3	96.6	208.1	67.5	58.8	65.9

ANNUAL GROWTH RATE (%)

	REVENUE PASSENGERS/KM			AVAILABLE SEATS-KM		
	DOMESTIC	INTRA-EURO.	INTERCONTI.	DOMESTIC	INTRA-EURO.	INTERCONTI.
1970						
1971	-	13.3	7.5	-	10.0	14.1
1972	-	10.2	22.5	-	13.5	14.0
1973	-	12.8	23.4	-	8.5	18.1
1974	-	2.7	4.3	-	6.1	3.1
1975	-	8.4	4.0	-	5.6	3.7
1976	-	11.3	2.9	-	7.9	2.5
1977	8.6	12.1	4.2	5.0	8.1	1.6
1978	2.3	9.0	17.3	1.3	8.2	11.3
1979	13.6	6.3	10.6	12.6	6.5	5.2
1980	-2.3	-3.3	4.3	1.9	2.6	9.4
1981	2.6	2.7	4.8	-1.0	-1.7	0.1
1982	4.5	-0.5	0.7	4.4	1.0	0.2
1983	4.9	-0.2	-0.4	5.5	-0.1	-0.8
1984	2.4	8.6	5.8	-0.6	4.5	1.7
1985	2.8	4.4	6.5	3.8	3.9	6.3
1986	4.2	1.9	1.3	3.6	3.9	4.5

EEC - DG III / SOURCE: AEA

CHAPTER 2

T H E C I V I L T R A N S P O R T M A R K E T

1. The figures relating to the aircraft orders (in units) are provided by AIRBUS Industrie.
2. The figures relating to the aircraft fleet and deliveries are prepared by the SOCIETE AEROSPATIALE, and cover almost all the aircraft produced in the western world. The origin of these statistics is the "Etat des flottes commerciales", database on aircraft of more than 18 seats.

The statistics relate to civil transport aircraft. Therefore, civil transport aircraft used by public authorities are included, while such aircraft may also be included in the statistics relating to military aircraft which are given in chapter 4.

3. The aircraft breakdown is carried out using the following criteria:

- aircraft category

- CC short-haul turbopropeller
- MC short- and medium-haul jet
- LC long-haul jet

- design origin

- Europe
- USA
- rest of the world

The geographical areas are defined as follows:

- EEC 12
- Other Europe : Austria, Finland, Gibraltar, Iceland, Malta, Norway, Romania, Sweden, Switzerland and Yugoslavia
- USA
- Rest of the world

For each category of aircraft, the tables show aircraft in service at 31.12 and aircraft deliveries as follows:

- the number of aircraft,
- the number of seats,
- the present value which is estimated using a linear depreciation on 20 years and the following value per seat (in 1985 \$):
 - \$138,000 for the CC,
 - \$196,000 for the MC and
 - \$229,000 for the LC.

For each category of aircraft, the following tables are given:

- absolute value,
- geographical breakdown of total aircraft (as % of world total),
- market share of EEC 12-built aircraft (as % of total - in each geographical area),
- geographical breakdown of EEC 12-built aircraft (as % of total EEC 12-built aircraft).

A list of aircraft and their categories is given in the following pages.

SHORT-HAUL AIRCRAFT

MODEL	DESIGN	SEATS
ARGOSY	EUROPE	80
ATR 42	EUROPE	46
ATR 72	EUROPE	66
BAE ATP	EUROPE	64
BANDEIRANTE	OTHER	17
BEECH 1900	USA	19
BRASILIA	OTHER	30
CASA NC 212	EUROPE	19
CASA 212	EUROPE	19
CN 235	EUROPE	38
CV 580	USA	51
CV 600	USA	51
CV 640	USA	51
DHC-6	OTHER	18
DHC-7	OTHER	50
DHC-8	OTHER	36
DO 228	EUROPE	19
FH 227	EUROPE	46
FH 27	EUROPE	46
FOKKER 50	EUROPE	50
FOKKER 27	EUROPE	46
HERALD	EUROPE	50
HS 748	EUROPE	46
JETSTREAM	EUROPE	19
METRO II	USA	19
METRO III	USA	19
NORD 262	EUROPE	27
SD 330	EUROPE	30
SD 360	EUROPE	36
SF 340	EUROPE	35
VFW 614	EUROPE	36
VISCOUNT	EUROPE	69
YS 11A	OTHER	61

SHORT/MEDIUM-HAUL AIRCRAFT

MODEL	DESIGN	SEATS
A 300	EUROPE	260
A 310	EUROPE	216
A 320	EUROPE	150
BAC 111	EUROPE	92
BAE 146	EUROPE	95
BELFAST	EUROPE	200
BRITANNIA	EUROPE	200
B 720	USA	150
B 727	USA	151
B 737-300	USA	125
B 737	USA	115
B 747-SR	USA	189
B 767	USA	211
CARAVELLE	EUROPE	100
CL 44	EUROPE	160
CV 880	USA	120
CV 990	USA	120
DC 10-10	USA	259
DC 10-10 CF	USA	259
DC 10-15	USA	259
DC 9	USA	110
DC 9 MD	USA	144
ELECTRA	USA	78
FOKKER 100	EUROPE	100
FOKKER 28	EUROPE	76
GULFSTREAM	USA	37
HERCULES	EUROPE	120
MERCURE	EUROPE	150
TRANSALL	EUROPE	120
TRIDENT	EUROPE	118
TRISTAR L1011-1	USA	288
TRISTAR L1011-100	USA	288
VANGUARD	EUROPE	140

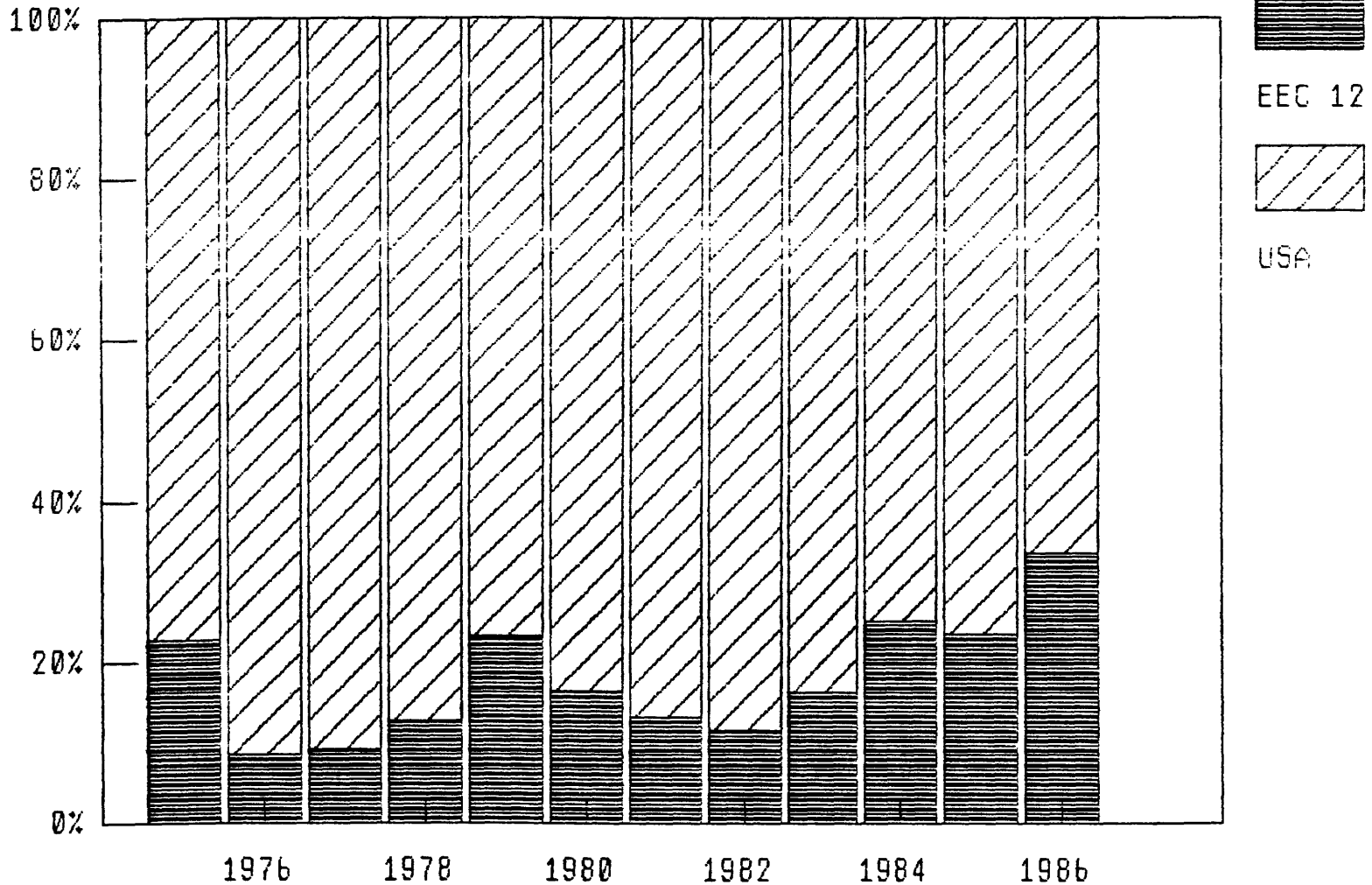
LONG-HAUL AIRCRAFT

MODEL	DESIGN	SEATS
B 707	USA	155
B 747 SP	USA	267
B 747 M	USA	440
B 747	USA	407
COMET	EUROPE	80
CONCORDE	EUROPE	100
DC 10-30	USA	259
DC 10-30CF	USA	259
DC 10-30ER	USA	259
DC 10-30F	USA	259
DC 10-40	USA	259
DC 8	USA	190
TRISTAR L1011-200	USA	250
TRISTAR L1011-50	USA	250
TRISTAR L1011-500	USA	250
VC 10	EUROPE	120
VC 10 SUPER	EUROPE	120

CIVIL AIRCRAFT ORDERED (UNITS)



CIVIL AIRCRAFT ORDERED (UNITS) MARKET SHARES



NUMBER OF CIVIL SHORT/MEDIUM- AND LONG-HAUL AIRCRAFT ORDERED (UNITS)

1) UNITS

	BEFORE 1975	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1975- 1987	GRAND TOTAL
A300	17	15	1	20	69	64	36	15	3		11	24	7	29	294	311
A310						48	12	4	2	6	11	29	17	27	156	156
A320											51	39	146	73	309	309
A330														12	12	12
A340														68	68	68
AIRBUS	17	15	1	20	69	112	48	19	5	6	73	92	170	209	839	856
BAC111	215	5	2		5	3		4	4	24	9	12	26	NA	15	230
BAE146 (*)															79	79
TRIDENT	117															117
MERCURE	10									1					1	11
CONCORDE	9					1	3	1							5	14
F.28 (*)	82	22	12	12	13	10	20	10	22	7	9	20	2	NA	159	241
F.100 (*)											8	30	48	NA	86	86
VFW 614	2	2	6												8	10
EUROPE	452	44	21	32	87	126	71	34	31	38	99	154	246	NA	1,192	1,644
B707	749	4	4	4		1			1						14	763
B727-200	623	50	113	133	125	98	68	38	11	1					637	1,260
B737	428	35	39	37	145	74	98	122	72	64	134	282	216	183	1,501	1,929
B747	281	20	14	42	76	75	49	23	14	24	22	42	83	69	553	834
B757					38		66	3	2	26	2	45	13	43	238	238
B767					71	47	14	7	2	16	10	21	23	57	268	268
BOEING	2,085	114	170	226	461	295	316	193	106	146	168	390	341	363	3,289	5,374
DC-9	823	27	25	28	39	26	6	2							153	976
MD-80				23	27	22	12	16	86	42	109	102	92	110	641	641
MD-87 (*)											12	4	38	NA	54	54
DC-10	216	9	16	34	43	34	11	3		2	6	3	5	3	169	385
KC-10					2	4		6	48						60	60
MD-11													12	35	47	47
MC DD	1,039	36	41	85	111	86	29	27	134	44	127	109	147	NA	1,124	2,163
L.1011	148		14	5	25	33	14	5		5					101	249
GRAND TOTAL	3,724	194	246	348	684	492	418	255	269	227	383	624	717	NA	5,550	9,274

EEC - DG III / SOURCE: AIRBUS

(*) TOTALS FOR THE PERIOD 1975-1986

NUMBER OF CIVIL SHORT/MEDIUM- AND LONG-HAUL AIRCRAFT ORDERED (UNITS)

2) MARKET SHARE OF EEC 12 BUILT AIRCRAFT (AS % OF WORLD TOTAL)

	ANTE 1975	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1975- 1987	GRAND TOTAL
SHORT/MEDIUM HAUL	19	28	11	13	16	32	20	15	15	20	27	25	39	NA	24	23
..... NARROW	19	21	10	5	5	6	7	7	13	19	23	19	38	NA	17	18
..... WIDE	100	100	100	100	49	70	77	73	71	27	69	72	51	54	63	64
LONG HAUL	1	0	0	0	0	1	3	3	0	0	0	0	0	37	7	3
..... NARROW	1	0	0	0	0	50	13	100	0	0	0	0	0	0	5	2
..... WIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	39	7	4
TOTAL	12	23	9	9	13	23	17	13	11	16	25	24	34	NA	21	17
..... NARROW	14	19	10	5	5	6	8	8	13	18	23	19	38	NA	17	16
..... WIDE	3	34	2	20	24	37	35	30	7	11	37	45	16	45	31	23

EEC - DG III / SOURCE: AIRBUS

NUMBER OF CIVIL SHORT/MEDIUM- AND LONG-HAUL AIRCRAFT ORDERED (UNITS)

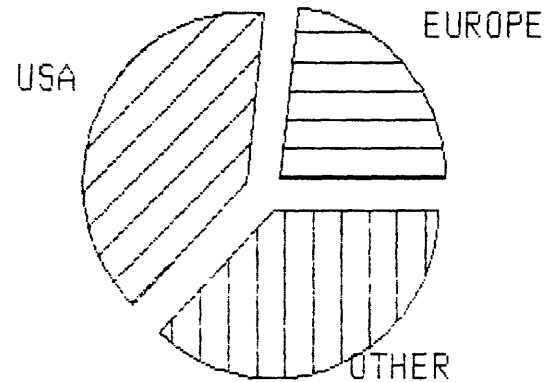
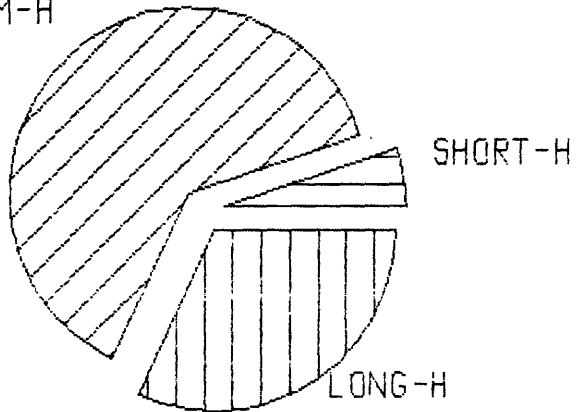
3) BREAKDOWN INTO CATEGORIES (AS % OF WORLD TOTAL)

	ANTE 1975	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1975- 1986	GRAND TOTAL
SHORT/MEDIUM HAUL	62	80	80	73	78	73	77	85	75	80	93	93	86	NA	81	73
..... NARROW	62	73	80	67	57	43	63	75	73	71	85	82	79	NA	68	66
..... WIDE	0	8	0	6	20	29	14	10	3	9	8	11	6	NA	13	8
LONG HAUL	38	20	20	27	22	27	23	15	25	20	7	7	14	NA	19	27
..... NARROW	20	5	2	4	1	0	6	0	2	6	0	0	1	NA	2	9
..... WIDE	17	15	18	23	21	27	17	14	23	13	7	7	14	NA	17	17
TOTAL																
..... NARROW	82	77	82	71	58	44	68	76	75	77	85	82	80	NA	70	75
..... WIDE	18	23	18	29	42	56	32	24	25	23	15	18	20	NA	30	25

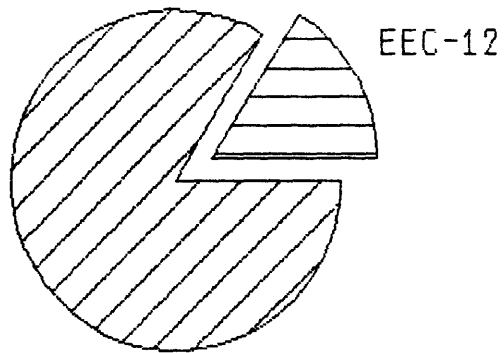
EEC - DG III / SOURCE: AIRBUS

AIRCRAFT IN SERVICE (VALUE - IN 1986)

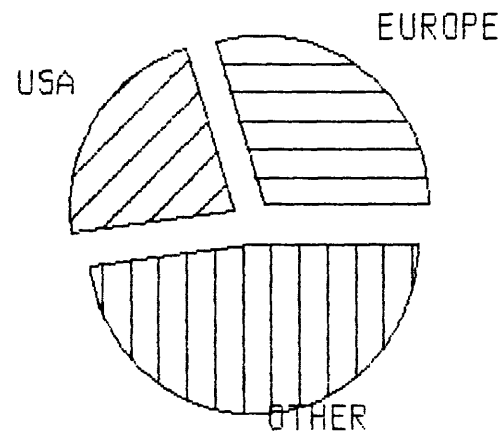
MEDIUM-H



GEOGRAPHICAL BREAKDOWN

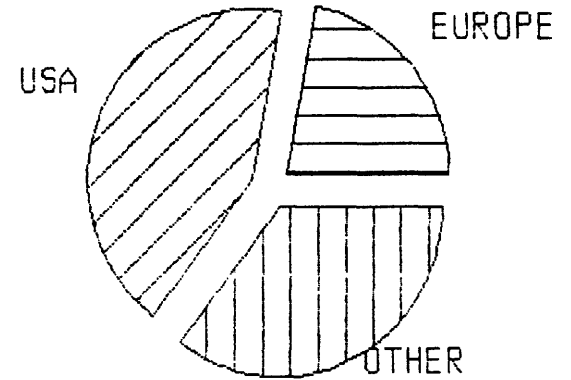
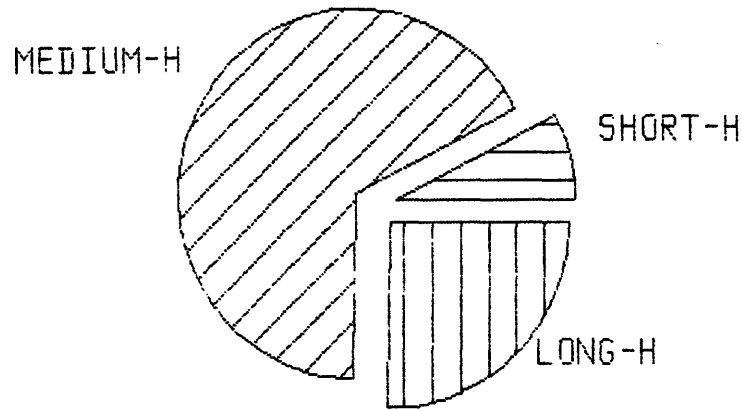


EEC-12 MARKET SHARE

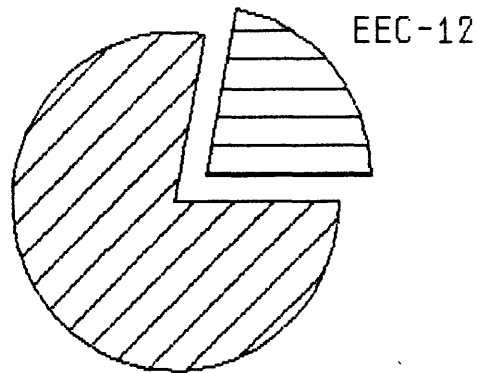


BREAKDOWN OF EEC-12 SALES

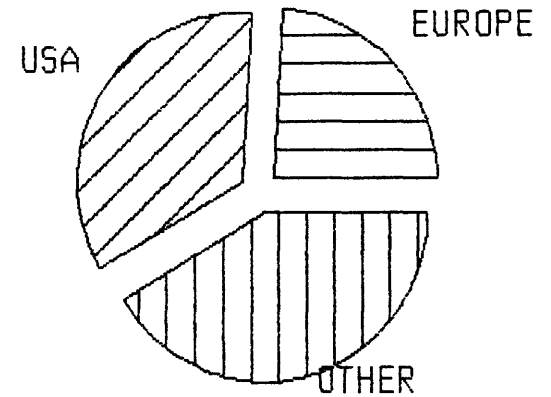
AIRCRAFT DELIVERIES (VALUE - IN 1986)



GEOGRAPHICAL BREAKDOWN



EEC-12 MARKET SHARE



BREAKDOWN OF EEC-12 SALES

SHORT HAUL AIRCRAFT IN SERVICE (AT 31.12) : ABSOLUTE FIGURES

UNITS

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	313	35	425	1,000	1,773
1976	-	-	-	-	-
1977	388	42	453	1,153	2,036
1978	-	-	-	-	-
1979	458	61	555	1,278	2,352
1980	467	73	648	1,358	2,546
1981	490	89	711	1,426	2,716
1982	516	91	793	1,470	2,870
1983	531	99	890	1,477	2,997
1984	529	119	997	1,490	3,135
1985	550	132	1,132	1,553	3,367
1986	579	157	1,302	1,618	3,656

SEATS (X 100)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	129.0	11.0	166.0	404.0	713.0
1976	-	-	-	-	-
1977	148.0	13.0	165.0	436.0	763.0
1978	-	-	-	-	-
1979	170.0	15.0	189.0	455.0	831.0
1980	164.0	19.0	210.0	469.0	865.0
1981	167.0	25.0	228.0	482.0	902.0
1982	172.0	26.0	252.0	488.0	938.0
1983	176.0	29.0	272.0	484.0	962.0
1984	177.0	36.0	292.0	488.0	993.0
1985	181.0	41.0	331.0	507.0	1,060.0
1986	193.0	50.0	390.0	530.0	1,162.0

VALUE (ECU 10 MIO) (*)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	75.2	7.8	107.2	271.4	462.4
1976	-	-	-	-	-
1977	89.3	8.5	107.1	299.8	502.8
1978	-	-	-	-	-
1979	73.6	9.4	97.0	245.7	425.7
1980	73.9	10.0	111.7	239.6	435.2
1981	94.1	16.3	149.9	302.6	563.9
1982	105.1	19.7	186.1	342.6	652.5
1983	112.0	22.9	220.5	359.0	715.6
1984	122.3	29.9	274.6	388.8	816.9
1985	123.7	37.9	331.7	399.1	892.5
1986	101.6	39.6	297.7	300.8	741.7

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

SHORT HAUL AIRCRAFT IN SERVICE (AT 31.12) : GEOGRAPHICAL BREAKDOWN

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	17.7	2.0	24.0	56.4
1976	-	-	-	-
1977	19.1	2.1	22.2	56.6
1978	-	-	-	-
1979	19.5	2.6	23.6	54.3
1980	18.3	2.9	25.5	53.3
1981	18.0	3.3	26.2	52.5
1982	18.0	3.2	27.6	51.2
1983	17.7	3.3	29.7	49.3
1984	16.9	3.8	31.8	47.5
1985	16.3	3.9	33.6	46.1
1986	15.8	4.3	35.6	44.3

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	18.1	1.5	23.3	56.7
1976	-	-	-	-
1977	19.4	1.7	21.6	57.1
1978	-	-	-	-
1979	20.5	1.8	22.7	54.8
1980	19.0	2.2	24.3	54.2
1981	18.5	2.8	25.3	53.4
1982	18.3	2.8	26.9	52.0
1983	18.3	3.0	28.3	50.3
1984	17.8	3.6	29.4	49.1
1985	17.1	3.9	31.2	47.8
1986	16.6	4.3	33.6	45.6

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	16.3	1.7	23.2	58.7
1976	-	-	-	-
1977	17.8	1.7	21.3	59.6
1978	-	-	-	-
1979	17.3	2.2	22.8	57.7
1980	17.0	2.3	25.7	55.0
1981	16.7	2.9	26.6	53.7
1982	16.1	3.0	28.5	52.5
1983	15.7	3.2	30.8	50.2
1984	15.0	3.7	33.6	47.6
1985	13.9	4.3	37.2	44.7
1986	13.7	5.3	40.1	40.5

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

SHORT HAUL AIRCRAFT IN SERVICE (AT 31.12) : EEC-12 MARKET SHARE

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	91.4	48.6	29.9	58.4	57.2
1976	-	-	-	-	-
1977	91.8	42.9	26.9	52.9	54.3
1978	-	-	-	-	-
1979	86.5	32.8	25.6	49.8	50.8
1980	80.5	37.0	24.8	47.8	47.6
1981	78.2	38.2	23.5	47.6	46.5
1982	77.7	34.1	25.6	46.9	46.1
1983	79.1	33.3	25.8	48.3	46.6
1984	81.7	42.9	28.0	49.5	47.8
1985	80.0	49.2	32.7	49.7	48.9
1986	78.6	55.4	32.6	48.8	48.0

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	93.8	72.7	34.9	70.5	66.3
1976	-	-	-	-	-
1977	94.6	69.2	31.5	67.2	64.7
1978	-	-	-	-	-
1979	91.8	53.3	30.7	65.1	62.3
1980	87.8	52.6	29.5	63.3	59.4
1981	85.6	52.0	28.5	62.4	57.9
1982	85.5	46.2	31.7	61.7	57.5
1983	85.8	44.8	30.5	62.4	57.2
1984	87.6	52.8	33.6	62.7	58.2
1985	86.2	61.0	37.8	62.7	58.9
1986	83.9	64.0	36.4	60.9	56.6

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	90.8	55.6	23.4	62.1	57.9
1976	-	-	-	-	-
1977	91.6	55.6	21.9	58.3	56.4
1978	-	-	-	-	-
1979	84.0	33.3	22.6	55.4	52.4
1980	76.0	38.5	24.1	52.4	48.8
1981	72.4	29.4	21.8	53.3	47.4
1982	71.9	22.2	23.5	53.4	46.8
1983	73.1	21.1	27.3	55.7	48.5
1984	75.6	36.4	31.7	56.3	50.2
1985	73.9	51.9	40.7	56.0	52.4
1986	75.0	59.0	43.7	55.7	53.6

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

SHORT HAUL AIRCRAFT IN SERVICE (AT 31.12) : BREAKDOWN OF EEC-12 BUILT AIRCRAFT

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	28.2	1.7	12.5	57.6
1976	-	-	-	-
1977	32.2	1.6	11.0	55.2
1978	-	-	-	-
1979	33.2	1.7	11.9	53.3
1980	31.0	2.2	13.3	53.5
1981	30.3	2.7	13.2	53.8
1982	30.3	2.3	15.3	52.0
1983	30.1	2.4	16.5	51.1
1984	28.8	3.4	18.6	49.2
1985	26.7	3.9	22.5	46.9
1986	25.9	5.0	24.1	45.0

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	25.6	1.7	12.3	60.3
1976	-	-	-	-
1977	28.3	1.8	10.5	59.3
1978	-	-	-	-
1979	30.1	1.5	11.2	57.1
1980	28.0	1.9	12.1	57.8
1981	27.4	2.5	12.5	57.7
1982	27.3	2.2	14.8	55.8
1983	27.5	2.4	15.1	54.9
1984	26.8	3.3	17.0	52.9
1985	25.0	4.0	20.0	51.0
1986	24.6	4.9	21.6	49.1

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	25.5	1.6	9.4	62.9
1976	-	-	-	-
1977	28.8	1.7	8.3	61.6
1978	-	-	-	-
1979	27.7	1.4	9.8	61.1
1980	26.4	1.8	12.7	59.1
1981	25.5	1.8	12.2	60.4
1982	24.7	1.4	14.3	59.9
1983	23.6	1.4	17.4	57.6
1984	22.5	2.6	21.2	53.3
1985	19.5	4.2	28.8	47.7
1986	19.2	5.9	32.7	42.2

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

MEDIUM HAUL AIRCRAFT IN SERVICE (AT 31.12) : ABSOLUTE FIGURES

UNITS

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	727	185	1,731	957	3,600
1976	-	-	-	-	-
1977	724	208	1,838	1,090	3,860
1978	-	-	-	-	-
1979	778	221	2,092	1,260	4,351
1980	779	234	2,182	1,356	4,551
1981	785	241	2,300	1,444	4,770
1982	798	239	2,391	1,507	4,935
1983	813	235	2,625	1,540	5,213
1984	840	231	2,808	1,558	5,437
1985	847	251	3,020	1,613	5,731
1986	903	271	3,144	1,676	5,994

SEATS (X 100)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	906.0	205.0	2,509.0	1,219.0	4,839.0
1976	-	-	-	-	-
1977	923.0	227.0	2,680.0	1,425.0	5,255.0
1978	-	-	-	-	-
1979	1,017.0	243.0	3,055.0	1,705.0	6,020.0
1980	1,040.0	261.0	3,197.0	1,879.0	6,378.0
1981	1,061.0	277.0	3,370.0	2,035.0	6,743.0
1982	1,082.0	268.0	3,508.0	2,170.0	7,028.0
1983	1,109.0	273.0	3,844.0	2,251.0	7,476.0
1984	1,159.0	271.0	4,079.0	2,317.0	7,827.0
1985	1,189.0	299.0	4,388.0	2,406.0	8,281.0
1986	1,272.0	325.0	4,555.0	2,530.0	8,683.0

VALUE (ECU 10 MIO) (*)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	990.4	249.5	2,925.5	1,464.5	5,629.0
1976	-	-	-	-	-
1977	1,014.0	282.6	3,073.1	1,780.2	6,150.9
1978	-	-	-	-	-
1979	876.3	225.9	2,760.2	1,683.0	5,544.6
1980	931.1	237.0	2,772.6	1,806.8	5,746.0
1981	1,239.0	323.4	3,529.7	2,416.5	7,506.7
1982	1,392.2	334.6	3,944.6	2,909.0	8,581.5
1983	1,534.5	373.1	4,586.7	3,236.3	9,729.5
1984	1,751.7	403.3	5,257.9	3,661.0	11,075.2
1985	1,822.4	460.5	5,648.3	3,818.9	11,750.2
1986	1,448.9	394.2	4,404.6	3,033.9	9,282.7

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

MEDIUM HAUL AIRCRAFT IN SERVICE (AT 31.12) : GEOGRAPHICAL BREAKDOWN

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	20.2	5.1	48.1	26.6
1976	-	-	-	-
1977	18.8	5.4	47.6	28.2
1978	-	-	-	-
1979	17.9	5.1	48.1	29.0
1980	17.1	5.1	47.9	29.8
1981	16.5	5.1	48.2	30.3
1982	16.2	4.8	48.4	30.5
1983	15.6	4.5	50.4	29.5
1984	15.4	4.2	51.6	28.7
1985	14.8	4.4	52.7	28.1
1986	15.1	4.5	52.5	28.0

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	18.7	4.2	51.8	25.2
1976	-	-	-	-
1977	17.6	4.3	51.0	27.1
1978	-	-	-	-
1979	16.9	4.0	50.7	28.3
1980	16.3	4.1	50.1	29.5
1981	15.7	4.1	50.0	30.2
1982	15.4	3.8	49.9	30.9
1983	14.8	3.7	51.4	30.1
1984	14.8	3.5	52.1	29.6
1985	14.4	3.6	53.0	29.1
1986	14.6	3.7	52.5	29.1

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	17.6	4.4	52.0	26.0
1976	-	-	-	-
1977	16.5	4.6	50.0	28.9
1978	-	-	-	-
1979	15.8	4.1	49.8	30.4
1980	16.2	4.1	48.3	31.4
1981	16.5	4.3	47.0	32.2
1982	16.2	3.9	46.0	33.9
1983	15.8	3.8	47.1	33.3
1984	15.8	3.6	47.5	33.1
1985	15.5	3.9	48.1	32.5
1986	15.6	4.2	47.4	32.7

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

MEDIUM HAUL AIRCRAFT IN SERVICE (AT 31.12) : EEC-12 MARKET SHARE

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	49.4	19.5	3.5	24.5	19.1
1976	-	-	-	-	-
1977	44.9	21.6	3.5	23.0	17.8
1978	-	-	-	-	-
1979	42.9	19.5	3.7	22.4	16.9
1980	38.4	19.7	3.7	22.1	16.0
1981	36.7	19.1	4.1	21.9	15.6
1982	34.6	18.0	4.4	23.7	15.8
1983	34.4	20.0	4.5	24.6	15.8
1984	34.6	20.8	5.1	25.5	16.2
1985	33.2	22.3	6.2	25.4	16.3
1986	32.0	22.5	7.1	26.8	17.1

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	45.9	17.1	2.2	20.1	15.5
1976	-	-	-	-	-
1977	42.3	18.5	2.5	19.4	14.7
1978	-	-	-	-	-
1979	41.1	16.5	3.1	19.3	14.7
1980	38.2	17.2	3.3	19.7	14.4
1981	37.9	17.0	3.9	20.3	14.7
1982	36.7	13.8	4.3	23.4	15.5
1983	36.5	18.3	4.4	24.4	15.7
1984	37.3	19.6	4.8	25.9	16.4
1985	36.0	21.7	5.8	26.4	16.7
1986	34.7	21.8	6.6	28.1	17.5

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	39.7	13.8	1.7	17.1	12.9
1976	-	-	-	-	-
1977	37.2	16.9	2.1	19.1	13.5
1978	-	-	-	-	-
1979	37.0	16.3	2.9	19.1	13.8
1980	35.6	18.2	3.5	20.2	14.6
1981	35.3	17.5	4.2	21.3	15.4
1982	35.6	12.7	4.5	25.3	16.9
1983	35.1	20.6	4.9	27.2	17.7
1984	36.9	21.2	5.7	29.7	19.1
1985	35.4	23.8	7.6	30.3	19.9
1986	33.8	24.5	9.1	32.5	21.3

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

MEDIUM HAUL AIRCRAFT IN SERVICE (AT 31.12) : BREAKDOWN OF EEC-12 BUILT AIRCRAFT

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	52.1	5.2	8.7	34.0
1976	-	-	-	-
1977	47.4	6.6	9.5	36.6
1978	-	-	-	-
1979	45.4	5.8	10.5	38.3
1980	41.2	6.3	11.2	41.3
1981	38.7	6.2	12.8	42.4
1982	35.3	5.5	13.4	45.7
1983	34.0	5.7	14.2	46.1
1984	33.1	5.5	16.4	45.1
1985	30.1	6.0	20.1	43.8
1986	28.3	6.0	21.9	43.9

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	55.4	4.7	7.3	32.6
1976	-	-	-	-
1977	50.4	5.4	8.7	35.7
1978	-	-	-	-
1979	47.3	4.5	10.9	37.3
1980	43.2	4.9	11.6	40.3
1981	40.4	4.7	13.3	41.5
1982	36.4	3.4	13.7	46.5
1983	34.5	4.3	14.3	46.9
1984	33.7	4.1	15.4	46.8
1985	31.0	4.7	18.4	46.0
1986	29.0	4.7	19.6	46.7

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	53.9	4.7	7.0	34.4
1976	-	-	-	-
1977	45.5	5.8	7.8	41.0
1978	-	-	-	-
1979	42.5	4.8	10.7	42.1
1980	39.6	5.1	11.7	43.7
1981	37.8	4.9	12.8	44.6
1982	34.1	2.9	12.3	50.7
1983	31.4	4.5	13.0	51.2
1984	30.5	4.0	14.0	51.3
1985	27.6	4.7	18.4	49.4
1986	24.8	4.9	20.4	49.9

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

LONG HAUL AIRCRAFT IN SERVICE (AT 31.12) : ABSOLUTE FIGURES

UNITS

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	371	60	653	508	1,592
1976	-	-	-	-	-
1977	347	66	575	571	1,559
1978	-	-	-	-	-
1979	368	66	583	642	1,659
1980	360	62	537	685	1,644
1981	323	60	476	734	1,593
1982	310	58	457	730	1,555
1983	302	62	460	736	1,560
1984	289	62	446	746	1,543
1985	300	68	449	741	1,558
1986	317	68	449	757	1,591

SEATS (X 100)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	778.0	131.0	1,386.0	1,068.0	3,363.0
1976	-	-	-	-	-
1977	771.0	143.0	1,260.0	1,256.0	3,429.0
1978	-	-	-	-	-
1979	869.0	147.0	1,339.0	1,514.0	3,870.0
1980	908.0	141.0	1,290.0	1,680.0	4,019.0
1981	872.0	143.0	1,203.0	1,830.0	4,047.0
1982	862.0	133.0	1,161.0	1,867.0	4,023.0
1983	859.0	150.0	1,196.0	1,903.0	4,107.0
1984	835.0	149.0	1,190.0	1,941.0	4,114.0
1985	880.0	158.0	1,204.0	1,955.0	4,197.0
1986	950.0	159.0	1,197.0	2,024.0	4,330.0

VALUE (ECU 10 MIO) (*)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	1,011.0	193.3	1,673.6	1,405.3	4,283.2
1976	-	-	-	-	-
1977	1,044.7	201.0	1,479.0	1,682.8	4,408.3
1978	-	-	-	-	-
1979	940.7	162.7	1,197.4	1,670.9	3,972.4
1980	1,011.0	144.2	1,131.7	1,857.4	4,144.3
1981	1,245.7	184.6	1,269.4	2,475.4	5,175.1
1982	1,335.4	181.2	1,252.4	2,776.6	5,545.6
1983	1,383.0	220.8	1,362.8	2,944.1	5,912.0
1984	1,437.2	239.8	1,421.1	3,171.7	6,271.1
1985	1,492.9	235.4	1,323.9	3,165.8	6,219.5
1986	1,186.8	168.7	947.0	2,424.3	4,726.7

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

LONG HAUL AIRCRAFT IN SERVICE (AT 31.12) : GEOGRAPHICAL BREAKDOWN

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	23.3	3.8	41.0	31.9
1976	-	-	-	-
1977	22.3	4.2	36.9	36.6
1978	-	-	-	-
1979	22.2	4.0	35.1	38.7
1980	21.9	3.8	32.7	41.7
1981	20.3	3.8	29.9	46.1
1982	19.9	3.7	29.4	46.9
1983	19.4	4.0	29.5	47.2
1984	18.7	4.0	28.9	48.3
1985	19.3	4.4	28.8	47.6
1986	19.9	4.3	28.2	47.6

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	23.1	3.9	41.2	31.8
1976	-	-	-	-
1977	22.5	4.2	36.7	36.6
1978	-	-	-	-
1979	22.5	3.8	34.6	39.1
1980	22.6	3.5	32.1	41.8
1981	21.5	3.5	29.7	45.2
1982	21.4	3.3	28.9	46.4
1983	20.9	3.7	29.1	46.3
1984	20.3	3.6	28.9	47.2
1985	21.0	3.8	28.7	46.6
1986	21.9	3.7	27.6	46.7

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	23.6	4.5	39.1	32.8
1976	-	-	-	-
1977	23.7	4.6	33.6	38.2
1978	-	-	-	-
1979	23.7	4.1	30.1	42.1
1980	24.4	3.5	27.3	44.8
1981	24.1	3.6	24.5	47.8
1982	24.1	3.3	22.6	50.1
1983	23.4	3.7	23.1	49.8
1984	22.9	3.8	22.7	50.6
1985	24.0	3.8	21.3	50.9
1986	25.1	3.6	20.0	51.3

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

LONG HAUL AIRCRAFT IN SERVICE (AT 31.12) : EEC-12 MARKET SHARE

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	15.1	0.0	0.0	3.1	4.5
1976	-	-	-	-	-
1977	14.7	0.0	0.0	0.7	3.5
1978	-	-	-	-	-
1979	13.0	0.0	0.0	0.6	3.1
1980	10.0	0.0	0.0	0.4	2.4
1981	10.8	0.0	0.0	0.3	2.3
1982	10.6	0.0	0.0	0.3	2.3
1983	10.3	0.0	0.0	0.3	2.1
1984	12.1	0.0	0.0	0.3	2.4
1985	11.3	0.0	0.0	0.3	2.3
1986	10.7	0.0	0.0	0.3	2.3

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	7.5	0.0	0.0	1.7	2.3
1976	-	-	-	-	-
1977	7.1	0.0	0.0	0.4	1.7
1978	-	-	-	-	-
1979	6.1	0.0	0.0	0.3	1.5
1980	4.3	0.0	0.0	0.2	1.0
1981	4.4	0.0	0.0	0.1	1.0
1982	4.2	0.0	0.0	0.1	0.9
1983	4.0	0.0	0.0	0.1	0.9
1984	4.7	0.0	0.0	0.1	1.0
1985	4.2	0.0	0.0	0.1	0.9
1986	3.9	0.0	0.0	0.1	0.9

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	5.5	0.0	0.0	1.2	1.7
1976	-	-	-	-	-
1977	5.6	0.0	0.0	0.2	1.4
1978	-	-	-	-	-
1979	4.5	0.0	0.0	0.1	1.1
1980	3.5	0.0	0.0	0.0	0.9
1981	3.1	0.0	0.0	0.0	0.7
1982	2.7	0.0	0.0	0.0	0.6
1983	2.2	0.0	0.0	0.0	0.5
1984	2.1	0.0	0.0	0.0	0.5
1985	1.9	0.0	0.0	0.0	0.4
1986	1.5	0.0	0.0	0.0	0.4

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

LONG HAUL AIRCRAFT IN SERVICE (AT 31.12) : BREAKDOWN OF EEC-12 BUILT AIRCRAFT

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	77.8	0.0	0.0	22.2
1976	-	-	-	-
1977	92.7	0.0	0.0	7.3
1978	-	-	-	-
1979	92.3	0.0	0.0	7.7
1980	92.3	0.0	0.0	7.7
1981	94.6	0.0	0.0	5.4
1982	94.3	0.0	0.0	5.7
1983	93.9	0.0	0.0	6.1
1984	94.6	0.0	0.0	5.4
1985	94.4	0.0	0.0	5.6
1986	94.4	0.0	0.0	5.6

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	76.3	0.0	0.0	23.7
1976	-	-	-	-
1977	93.2	0.0	0.0	8.5
1978	-	-	-	-
1979	93.0	0.0	0.0	7.0
1980	92.9	0.0	0.0	7.1
1981	95.0	0.0	0.0	5.0
1982	94.7	0.0	0.0	5.3
1983	94.4	0.0	0.0	5.6
1984	97.5	0.0	0.0	5.0
1985	94.9	0.0	0.0	5.1
1986	94.9	0.0	0.0	5.1

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	76.5	0.0	0.0	23.5
1976	-	-	-	-
1977	94.0	0.0	0.0	6.0
1978	-	-	-	-
1979	96.5	0.0	0.0	3.5
1980	97.9	0.0	0.0	2.1
1981	100.0	0.0	0.0	0.0
1982	100.0	0.0	0.0	0.0
1983	100.0	0.0	0.0	0.0
1984	100.0	0.0	0.0	0.0
1985	100.0	0.0	0.0	0.0
1986	100.0	0.0	0.0	0.0

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

TOTAL AIRCRAFT IN SERVICE (AT 31.12)

UNITS

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	1,411	280	2,809	2,465	6,965
1976	-	-	-	-	-
1977	1,459	316	2,866	2,814	7,455
1978	-	-	-	-	-
1979	1,604	348	3,230	3,180	8,362
1980	1,606	369	3,367	3,399	8,741
1981	1,598	390	3,487	3,604	9,079
1982	1,624	388	3,641	3,707	9,360
1983	1,646	396	3,975	3,753	9,770
1984	1,658	412	4,251	3,794	10,115
1985	1,697	451	4,601	3,907	10,656
1986	1,799	496	4,895	4,051	11,241

SEATS (X 100)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	1,813.0	347.0	4,061.0	2,691.0	8,915.0
1976	-	-	-	-	-
1977	1,842.0	383.0	4,105.0	3,117.0	9,447.0
1978	-	-	-	-	-
1979	2,056.0	405.0	4,583.0	3,674.0	10,721.0
1980	2,112.0	421.0	4,697.0	4,028.0	11,262.0
1981	2,100.0	445.0	4,801.0	4,347.0	11,692.0
1982	2,116.0	427.0	4,921.0	4,525.0	11,989.0
1983	2,144.0	452.0	5,312.0	4,638.0	12,545.0
1984	2,171.0	456.0	5,561.0	4,746.0	12,934.0
1985	2,250.0	498.0	5,923.0	4,868.0	13,538.0
1986	2,415.0	534.0	6,142.0	5,084.0	14,175.0

VALUE (ECU 10 MIO) (*)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	2,076.6	450.7	4,706.2	3,141.2	10,374.7
1976	-	-	-	-	-
1977	2,148.0	492.0	4,659.2	3,762.8	11,062.0
1978	-	-	-	-	-
1979	1,890.5	398.0	4,054.7	3,599.6	9,942.7
1980	2,016.1	391.2	4,016.0	3,903.7	10,325.5
1981	2,578.9	524.3	4,949.0	5,194.5	13,245.8
1982	2,832.7	535.6	5,383.1	6,028.2	14,779.5
1983	3,029.6	616.8	6,170.0	6,539.5	16,357.1
1984	3,311.3	673.0	6,953.6	7,221.5	18,163.3
1985	3,439.0	733.9	7,303.9	7,383.9	18,862.1
1986	2,737.2	602.5	5,649.3	5,759.0	14,751.1

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

TOTAL AIRCRAFT IN SERVICE (AT 31.12) : GEOGRAPHICAL BREAKDOWN

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	20.3	4.0	40.3	35.4
1976	-	-	-	-
1977	19.6	4.2	38.4	37.7
1978	-	-	-	-
1979	19.2	4.2	38.6	38.0
1980	18.4	4.2	38.5	38.9
1981	17.6	4.3	38.4	39.7
1982	17.4	4.1	38.9	39.6
1983	16.8	4.1	40.7	38.4
1984	16.4	4.1	42.0	37.5
1985	15.9	4.2	43.2	36.7
1986	16.0	4.4	43.5	36.0

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	20.3	3.9	45.6	30.2
1976	-	-	-	-
1977	19.5	4.1	43.5	33.0
1978	-	-	-	-
1979	19.2	3.8	42.7	34.3
1980	18.8	3.7	41.7	35.8
1981	18.0	3.8	41.1	37.2
1982	17.6	3.6	41.0	37.7
1983	17.1	3.6	42.3	37.0
1984	16.8	3.5	43.0	36.7
1985	16.6	3.7	43.8	36.0
1986	17.0	3.8	43.3	35.9

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	20.0	4.3	45.4	30.3
1976	-	-	-	-
1977	19.4	4.4	42.1	34.0
1978	-	-	-	-
1979	19.0	4.0	40.8	36.2
1980	19.5	3.8	38.9	37.8
1981	19.5	4.0	37.4	39.2
1982	19.2	3.6	36.4	40.8
1983	18.5	3.8	37.7	40.0
1984	18.2	3.7	38.3	39.8
1985	18.2	3.9	38.7	39.1
1986	18.6	4.1	38.3	39.0

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

TOTAL AIRCRAFT IN SERVICE (AT 31.12) : EEC-12 MARKET SHARE

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	49.7	18.9	6.7	33.8	25.5
1976	-	-	-	-	-
1977	50.2	19.9	6.5	30.7	24.8
1978	-	-	-	-	-
1979	48.5	18.1	6.8	29.0	23.7
1980	44.3	19.8	7.2	28.0	22.6
1981	44.2	20.5	7.5	27.7	22.5
1982	43.7	19.1	8.5	28.3	22.9
1983	44.4	20.2	8.7	29.2	23.1
1984	45.7	24.0	10.0	29.9	23.9
1985	44.5	26.8	12.1	30.3	24.6
1986	43.2	29.8	13.2	30.6	25.0

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	32.8	12.4	2.8	20.4	14.6
1976	-	-	-	-	-
1977	31.8	13.3	2.9	18.4	14.0
1978	-	-	-	-	-
1979	30.5	11.9	3.4	17.1	13.6
1980	27.5	13.1	3.6	16.7	13.1
1981	27.8	13.5	4.1	16.5	13.3
1982	27.4	11.5	4.7	17.9	13.9
1983	27.5	13.9	4.7	18.4	14.0
1984	28.8	15.8	5.3	19.2	14.7
1985	27.6	18.1	6.4	19.6	15.1
1986	26.5	19.3	7.2	20.4	15.7

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	24.9	8.6	1.6	13.9	10.3
1976	-	-	-	-	-
1977	24.1	10.7	1.9	13.8	10.6
1978	-	-	-	-	-
1979	22.7	10.0	2.5	12.8	10.4
1980	21.0	12.0	3.1	12.6	10.5
1981	21.1	11.7	3.6	13.0	11.0
1982	21.4	8.8	4.1	15.3	12.1
1983	21.5	13.3	4.6	16.5	12.8
1984	23.2	14.3	5.5	18.1	14.1
1985	22.2	17.6	7.7	18.7	15.1
1986	21.3	19.9	9.4	20.0	16.2

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

TOTAL AIRCRAFT IN SERVICE (AT 31.12) : BREAKDOWN OF EEC-12 BUILT AIRCRAFT

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	39.5	3.0	10.5	47.0
1976	-	-	-	-
1977	39.6	3.4	10.1	46.8
1978	-	-	-	-
1979	39.3	3.2	11.0	46.5
1980	35.9	3.7	12.2	48.1
1981	34.5	3.9	12.8	48.8
1982	33.2	3.5	14.4	49.0
1983	32.5	3.6	15.4	48.6
1984	31.4	4.1	17.5	47.0
1985	28.8	4.6	21.3	45.2
1986	27.6	5.3	23.0	44.1

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	45.8	3.3	8.7	42.2
1976	-	-	-	-
1977	44.1	3.8	9.0	43.3
1978	-	-	-	-
1979	43.0	3.3	10.6	43.1
1980	39.3	3.7	11.4	45.5
1981	37.5	3.9	12.7	46.0
1982	34.8	2.9	13.8	48.6
1983	33.5	3.6	14.3	48.6
1984	32.9	3.8	15.5	47.8
1985	30.4	4.4	18.5	46.7
1986	28.9	4.6	19.9	46.7

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	48.3	3.6	7.1	40.8
1976	-	-	-	-
1977	44.0	4.5	7.5	44.1
1978	-	-	-	-
1979	41.6	3.9	10.0	44.6
1980	39.0	4.3	11.5	45.3
1981	37.2	4.2	12.3	46.3
1982	33.8	2.6	12.4	51.2
1983	31.1	3.9	13.6	51.5
1984	30.0	3.8	15.0	51.0
1985	26.9	4.6	19.9	48.6
1986	24.4	5.0	22.3	48.3

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

SHORT HAUL AIRCRAFT DELIVERIES : ABSOLUTE FIGURES

UNITS

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	43	0	15	92	150
1976	-	-	-	-	-
1977	35	3	38	93	169
1978	-	-	-	-	-
1979	39	17	67	97	220
1980	38	10	108	102	258
1981	35	13	105	103	256
1982	29	6	68	79	182
1983	22	7	90	66	185
1984	28	13	135	59	235
1985	22	15	187	57	281
1986	31	17	187	47	282

SEATS (X 100)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	10.0	0.0	4.0	24.0	37.0
1976	-	-	-	-	-
1977	8.0	1.0	9.0	25.0	41.0
1978	-	-	-	-	-
1979	9.0	3.0	17.0	24.0	52.0
1980	8.0	2.0	27.0	23.0	61.0
1981	11.0	2.0	26.0	27.0	66.0
1982	7.0	1.0	17.0	23.0	49.0
1983	5.0	4.0	21.0	19.0	48.0
1984	8.0	4.0	29.0	17.0	60.0
1985	6.0	4.0	50.0	18.0	78.0
1986	11.0	6.0	53.0	15.0	86.0

VALUE (ECU 10 MIO) (*)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	11.2	0.0	3.5	27.7	44.1
1976	-	-	-	-	-
1977	10.3	0.9	10.3	32.0	53.6
1978	-	-	-	-	-
1979	10.2	2.3	18.0	25.8	57.1
1980	8.5	2.3	27.7	25.4	63.2
1981	13.4	3.8	33.6	35.5	87.4
1982	10.9	1.1	25.2	33.9	72.3
1983	9.6	4.8	34.9	30.1	80.7
1984	16.3	6.8	55.7	32.6	111.5
1985	12.6	9.8	94.2	32.3	149.0
1986	15.2	10.2	78.2	22.4	127.0

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

SHORT HAUL AIRCRAFT DELIVERIES : GEOGRAPHICAL BREAKDOWN

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	28.7	0.0	10.0	61.3
1976	-	-	-	-
1977	20.7	1.8	22.5	55.0
1978	-	-	-	-
1979	17.7	7.7	30.5	44.1
1980	14.7	3.9	41.9	39.5
1981	13.7	5.1	41.0	40.2
1982	15.9	3.3	37.4	43.4
1983	11.9	3.8	48.6	35.7
1984	11.9	5.5	57.4	25.1
1985	7.8	5.3	66.5	20.3
1986	11.0	6.0	66.3	16.7

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	27.0	0.0	10.8	64.9
1976	-	-	-	-
1977	19.5	2.4	22.0	61.0
1978	-	-	-	-
1979	17.3	5.8	32.7	46.2
1980	13.1	3.3	44.3	37.7
1981	16.7	3.0	39.4	40.9
1982	14.3	2.0	34.7	46.9
1983	10.4	8.3	43.8	39.6
1984	13.3	6.7	48.3	28.3
1985	7.7	5.1	64.1	23.1
1986	12.8	7.0	61.6	17.4

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	25.5	0.0	7.8	62.7
1976	-	-	-	-
1977	19.3	1.8	19.3	59.6
1978	-	-	-	-
1979	17.8	4.1	31.5	45.2
1980	13.4	3.7	43.9	40.2
1981	15.4	4.4	38.5	40.7
1982	15.2	1.5	34.8	47.0
1983	11.9	6.0	43.3	37.3
1984	14.6	6.1	50.0	29.3
1985	8.5	6.6	63.2	21.7
1986	12.0	8.0	61.6	17.6

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

SHORT HAUL AIRCRAFT DELIVERIES : EEC-12 MARKET SHARE

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	95.3	0.0	13.3	33.7	49.3
1976	-	-	-	-	-
1977	82.9	33.3	13.2	35.5	40.2
1978	-	-	-	-	-
1979	46.2	17.6	26.9	29.9	30.9
1980	15.8	40.0	29.6	24.5	26.0
1981	40.0	23.1	19.0	52.4	35.5
1982	58.6	0.0	14.7	49.4	36.3
1983	90.9	28.6	40.0	87.9	62.7
1984	92.9	84.6	34.1	74.6	54.0
1985	86.4	93.3	55.1	52.6	59.1
1986	77.4	88.2	51.3	48.9	56.0

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	100.0	0.0	25.0	54.2	62.2
1976	-	-	-	-	-
1977	87.5	100.0	22.2	56.0	56.1
1978	-	-	-	-	-
1979	55.6	0.0	35.3	50.0	44.2
1980	25.0	50.0	37.0	30.4	32.8
1981	45.5	0.0	19.2	59.3	40.9
1982	57.1	0.0	17.6	56.5	42.9
1983	100.0	25.0	47.6	89.5	68.8
1984	100.0	75.0	44.8	64.7	60.0
1985	100.0	100.0	62.0	55.6	65.4
1986	81.8	100.0	54.7	53.3	60.5

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	100.0	0.0	25.0	56.3	62.7
1976	-	-	-	-	-
1977	90.9	0.0	18.2	55.9	56.1
1978	-	-	-	-	-
1979	53.8	0.0	34.8	51.5	43.8
1980	27.3	33.3	36.1	30.3	32.9
1981	50.0	0.0	20.0	59.5	40.7
1982	60.0	0.0	17.4	58.1	42.4
1983	87.5	25.0	48.3	92.0	68.7
1984	91.7	80.0	43.9	66.7	59.8
1985	88.9	85.7	62.7	56.5	65.1
1986	86.7	90.0	55.8	50.0	60.8

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

SHORT HAUL AIRCRAFT DELIVERIES : BREAKDOWN OF EEC-12 BUILT AIRCRAFT

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	55.4	0.0	2.7	41.9
1976	-	-	-	-
1977	42.6	1.5	7.4	48.5
1978	-	-	-	-
1979	26.5	4.4	26.5	42.6
1980	9.0	6.0	47.8	37.3
1981	15.4	3.3	22.0	59.3
1982	25.8	0.0	15.2	59.1
1983	17.2	1.7	31.0	50.0
1984	20.5	8.7	36.2	34.6
1985	11.4	8.4	62.0	18.1
1986	15.2	9.5	60.8	14.6

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	43.5	0.0	4.3	56.5
1976	-	-	-	-
1977	30.4	4.3	8.7	60.9
1978	-	-	-	-
1979	21.7	0.0	26.1	52.2
1980	10.0	5.0	50.0	35.0
1981	18.5	0.0	18.5	59.3
1982	19.0	0.0	14.3	61.9
1983	15.2	3.0	30.3	51.5
1984	22.2	8.3	36.1	30.6
1985	11.8	7.8	60.8	19.6
1986	17.3	11.5	55.8	15.4

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	40.6	0.0	3.1	56.3
1976	-	-	-	-
1977	31.3	0.0	6.3	59.4
1978	-	-	-	-
1979	21.9	0.0	25.0	53.1
1980	11.1	3.7	48.1	37.0
1981	18.9	0.0	18.9	59.5
1982	21.4	0.0	14.3	64.3
1983	15.2	2.2	30.4	50.0
1984	22.4	8.2	36.7	32.7
1985	11.6	8.7	60.9	18.8
1986	17.1	11.8	56.6	14.5

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

MEDIUM HAUL AIRCRAFT DELIVERIES : ABSOLUTE FIGURES

UNITS

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	41	16	91	125	273
1976	-	-	-	-	-
1977	15	20	88	63	186
1978	-	-	-	-	-
1979	46	10	174	110	340
1980	85	14	141	109	349
1981	83	25	132	128	368
1982	36	8	130	122	296
1983	57	12	149	87	305
1984	49	5	137	85	276
1985	56	20	185	94	355
1986	39	37	185	101	362

SEATS (X 100)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	65.0	19.0	157.0	178.0	418.0
1976	-	-	-	-	-
1977	31.0	19.0	136.0	85.0	271.0
1978	-	-	-	-	-
1979	71.0	13.0	262.0	174.0	521.0
1980	122.0	23.0	216.0	196.0	556.0
1981	121.0	35.0	202.0	210.0	568.0
1982	54.0	9.0	205.0	220.0	486.0
1983	89.0	18.0	239.0	142.0	489.0
1984	83.0	8.0	191.0	155.0	438.0
1985	86.0	32.0	267.0	153.0	538.0
1986	56.0	52.0	259.0	165.0	532.0

VALUE (ECU 10 MIO) (*)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	108.8	32.8	265.1	298.8	705.5
1976	-	-	-	-	-
1977	57.3	33.8	250.7	155.9	497.6
1978	-	-	-	-	-
1979	109.4	19.5	400.2	265.8	795.8
1980	183.1	34.6	324.7	293.2	835.7
1981	227.4	64.3	378.1	394.4	1,064.3
1982	114.8	20.8	435.3	467.0	1,037.8
1983	208.2	44.5	562.1	334.6	1,148.2
1984	218.6	21.7	506.5	411.4	1,159.7
1985	235.9	85.6	731.5	421.2	1,474.2
1986	119.9	110.7	549.7	348.5	1,128.8

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

MEDIUM HAUL AIRCRAFT DELIVERIES : GEOGRAPHICAL BREAKDOWN

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	15.0	5.9	33.3	45.8
1976	-	-	-	-
1977	8.1	10.8	47.3	33.9
1978	-	-	-	-
1979	13.5	2.9	51.2	32.4
1980	24.4	4.0	40.4	31.2
1981	22.6	6.8	35.9	34.8
1982	12.2	2.7	43.9	41.2
1983	18.7	3.9	48.9	28.5
1984	17.8	1.8	49.6	30.8
1985	15.8	5.6	52.1	26.5
1986	10.8	10.2	51.1	27.9

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	15.6	4.5	37.6	42.6
1976	-	-	-	-
1977	11.4	7.0	50.2	31.4
1978	-	-	-	-
1979	13.6	2.5	50.3	33.4
1980	21.9	4.1	38.8	35.3
1981	21.3	6.2	35.6	37.0
1982	11.1	1.9	42.2	45.3
1983	18.2	3.7	48.9	29.0
1984	18.9	1.8	43.6	35.4
1985	16.0	5.9	49.6	28.4
1986	10.5	9.8	48.7	31.0

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	15.4	4.7	37.6	42.4
1976	-	-	-	-
1977	11.5	6.8	50.4	31.3
1978	-	-	-	-
1979	13.8	2.5	50.3	33.4
1980	21.9	4.1	38.9	35.1
1981	21.4	6.0	35.5	37.1
1982	11.1	2.0	41.9	45.0
1983	18.1	3.9	49.0	29.1
1984	18.9	1.9	43.7	35.5
1985	16.0	5.8	49.6	28.6
1986	10.6	9.8	48.7	30.9

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

MEDIUM HAUL AIRCRAFT DELIVERIES : EEC-12 MARKET SHARE

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	29.3	0.0	0.0	21.6	14.3
1976	-	-	-	-	-
1977	46.7	60.0	4.5	41.3	26.3
1978	-	-	-	-	-
1979	28.3	10.0	2.9	16.4	10.9
1980	21.2	28.6	7.1	22.0	16.0
1981	19.3	12.0	7.6	21.9	15.5
1982	41.7	37.5	5.4	34.4	22.6
1983	28.1	41.7	6.7	40.2	21.6
1984	34.7	40.0	10.9	52.9	28.6
1985	17.9	20.0	20.0	31.9	22.8
1986	17.9	35.1	18.9	35.6	25.1

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	35.4	0.0	0.0	16.3	12.4
1976	-	-	-	-	-
1977	51.6	52.6	7.4	42.4	26.9
1978	-	-	-	-	-
1979	36.6	23.1	5.0	19.5	14.6
1980	32.8	39.1	7.9	25.5	20.7
1981	33.1	11.4	9.4	27.6	21.3
1982	53.7	22.2	7.3	43.6	29.0
1983	33.7	50.0	7.9	38.7	23.3
1984	44.6	37.5	11.0	54.2	33.1
1985	22.1	28.1	19.5	37.9	25.7
1986	19.6	38.5	15.4	40.6	25.9

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	35.7	0.0	0.0	16.5	12.5
1976	-	-	-	-	-
1977	52.5	52.8	7.5	42.8	26.8
1978	-	-	-	-	-
1979	37.1	20.0	4.9	19.4	14.6
1980	32.8	37.8	7.8	25.5	20.7
1981	32.9	11.9	9.4	27.5	21.3
1982	53.3	26.3	7.0	43.8	29.1
1983	33.5	51.4	8.1	38.8	23.3
1984	44.7	31.2	11.0	54.1	33.0
1985	22.0	27.9	19.4	38.0	25.6
1986	20.3	38.5	15.3	40.8	26.0

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

MEDIUM HAUL AIRCRAFT DELIVERIES : BREAKDOWN OF EEC-12 BUILT AIRCRAFT

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	30.8	0.0	0.0	69.2
1976	-	-	-	-
1977	14.3	24.5	8.2	53.1
1978	-	-	-	-
1979	35.1	2.7	13.5	48.6
1980	32.1	7.1	17.9	42.9
1981	28.1	5.3	17.5	49.1
1982	22.4	4.5	10.4	62.7
1983	24.2	7.6	15.2	53.0
1984	21.5	2.5	19.0	57.0
1985	12.3	4.9	45.7	37.0
1986	7.7	14.3	38.5	39.6

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	44.2	0.0	0.0	55.8
1976	-	-	-	-
1977	21.9	13.7	13.7	49.3
1978	-	-	-	-
1979	34.2	3.9	17.1	44.7
1980	34.8	7.8	14.8	43.5
1981	33.1	3.3	15.7	47.9
1982	20.6	1.4	10.6	68.1
1983	26.3	7.9	16.7	48.2
1984	25.5	2.1	14.5	57.9
1985	13.8	6.5	37.7	42.0
1986	8.0	14.5	29.0	48.6

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	44.1	0.0	0.0	55.9
1976	-	-	-	-
1977	22.5	13.4	14.1	50.0
1978	-	-	-	-
1979	34.9	3.4	16.8	44.3
1980	34.7	7.6	14.7	43.1
1981	33.1	3.4	15.7	47.9
1982	20.3	1.8	10.1	67.8
1983	26.1	8.6	17.1	48.6
1984	25.5	1.8	14.5	58.2
1985	13.8	6.3	37.5	42.4
1986	8.3	14.5	28.7	48.4

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

LONG HAUL AIRCRAFT DELIVERIES : ABSOLUTE FIGURES

UNITS

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	20	9	7	26	62
1976	-	-	-	-	-
1977	11	2	6	25	44
1978	-	-	-	-	-
1979	20	3	27	54	104
1980	36	2	28	64	130
1981	21	3	9	53	86
1982	8	2	0	25	35
1983	9	4	1	17	31
1984	4	0	3	14	21
1985	8	0	1	23	32
1986	11	0	11	24	46

SEATS (X 100)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	58.0	23.0	23.0	78.0	182.0
1976	-	-	-	-	-
1977	33.0	7.0	15.0	76.0	132.0
1978	-	-	-	-	-
1979	67.0	8.0	86.0	188.0	349.0
1980	114.0	5.0	80.0	221.0	419.0
1981	75.0	11.0	23.0	175.0	284.0
1982	32.0	5.0	0.0	87.0	124.0
1983	29.0	17.0	4.0	65.0	115.0
1984	9.0	0.0	11.0	52.0	72.0
1985	26.0	0.0	3.0	90.0	118.0
1986	47.0	0.0	33.0	94.0	174.0

VALUE (ECU 10 MIO) (*)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	113.3	45.1	44.3	152.5	354.3
1976	-	-	-	-	-
1977	71.3	14.8	31.5	161.1	279.7
1978	-	-	-	-	-
1979	117.2	14.6	151.1	331.6	614.5
1980	197.3	9.1	138.1	381.8	726.4
1981	161.9	23.7	50.2	378.6	615.3
1982	78.7	12.9	0.0	214.7	305.3
1983	78.4	46.3	10.7	176.9	313.4
1984	28.1	0.0	33.5	160.7	221.0
1985	83.1	0.0	8.3	283.9	373.9
1986	115.8	0.0	81.3	229.6	425.7

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

LONG HAUL AIRCRAFT DELIVERIES : GEOGRAPHICAL BREAKDOWN

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	32.3	14.5	11.3	41.9
1976	-	-	-	-
1977	25.0	4.5	13.6	56.8
1978	-	-	-	-
1979	19.2	2.9	26.0	51.9
1980	27.7	1.5	21.5	49.2
1981	24.4	3.5	10.5	61.6
1982	22.9	5.7	0.0	71.4
1983	29.0	12.9	3.2	54.8
1984	19.0	0.0	14.3	66.7
1985	25.0	0.0	3.1	71.9
1986	23.9	0.0	23.9	52.2

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	31.9	12.6	12.6	42.9
1976	-	-	-	-
1977	25.0	5.3	11.4	57.6
1978	-	-	-	-
1979	19.2	2.3	24.6	53.9
1980	27.2	1.2	19.1	52.7
1981	26.4	3.9	8.1	61.6
1982	25.8	4.0	0.0	70.2
1983	25.2	14.8	3.5	56.5
1984	12.5	0.0	15.3	72.2
1985	22.0	0.0	2.5	76.3
1986	27.0	0.0	19.0	54.0

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	32.0	12.7	12.5	43.0
1976	-	-	-	-
1977	25.5	5.3	11.3	57.6
1978	-	-	-	-
1979	19.1	2.4	24.6	54.0
1980	27.2	1.3	19.0	52.6
1981	26.3	3.8	8.2	61.5
1982	25.8	4.2	0.0	70.3
1983	25.0	14.8	3.4	56.4
1984	12.7	0.0	15.2	72.7
1985	22.2	0.0	2.2	75.9
1986	27.2	0.0	19.1	53.9

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

LONG HAUL AIRCRAFT DELIVERIES : EEC-12 MARKET SHARE

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	10.0	0.0	0.0	0.0	3.2
1976	-	-	-	-	-
1977	18.2	0.0	0.0	0.0	4.5
1978	-	-	-	-	-
1979	5.0	0.0	0.0	0.0	1.0
1980	5.6	0.0	0.0	0.0	1.5
1981	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	3.4	0.0	0.0	0.0	1.1
1976	-	-	-	-	-
1977	6.1	0.0	0.0	0.0	1.5
1978	-	-	-	-	-
1979	1.5	0.0	0.0	0.0	0.3
1980	1.8	0.0	0.0	0.0	0.5
1981	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	3.8	0.0	0.0	0.0	1.2
1976	-	-	-	-	-
1977	6.5	0.0	0.0	0.0	1.7
1978	-	-	-	-	-
1979	1.3	0.0	0.0	0.0	0.3
1980	1.9	0.0	0.0	0.0	0.5
1981	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

LONG HAUL AIRCRAFT DELIVERIES : BREAKDOWN OF EEC-12 BUILT AIRCRAFT

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	100.0	0.0	0.0	0.0
1976	-	-	-	-
1977	100.0	0.0	0.0	0.0
1978	-	-	-	-
1979	100.0	0.0	0.0	0.0
1980	100.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	100.0	0.0	0.0	0.0
1976	-	-	-	-
1977	100.0	0.0	0.0	0.0
1978	-	-	-	-
1979	100.0	0.0	0.0	0.0
1980	100.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	100.0	0.0	0.0	0.0
1976	-	-	-	-
1977	100.0	0.0	0.0	0.0
1978	-	-	-	-
1979	100.0	0.0	0.0	0.0
1980	100.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

TOTAL AIRCRAFT DELIVERIES

UNITS

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	104	25	113	243	485
1976	-	-	-	-	-
1977	61	25	132	181	399
1978	-	-	-	-	-
1979	105	30	268	261	664
1980	159	26	277	275	737
1981	139	41	246	284	710
1982	73	16	198	226	513
1983	88	23	240	170	521
1984	81	18	275	158	532
1985	86	35	373	174	668
1986	81	54	383	172	690

SEATS (X 100)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	133.0	42.0	184.0	280.0	637.0
1976	-	-	-	-	-
1977	72.0	27.0	160.0	186.0	444.0
1978	-	-	-	-	-
1979	147.0	24.0	365.0	386.0	922.0
1980	244.0	30.0	323.0	440.0	1,036.0
1981	207.0	48.0	251.0	412.0	918.0
1982	93.0	15.0	222.0	330.0	659.0
1983	123.0	39.0	264.0	226.0	652.0
1984	100.0	12.0	231.0	224.0	570.0
1985	118.0	36.0	320.0	261.0	734.0
1986	114.0	58.0	345.0	274.0	792.0

VALUE (ECU 10 MIO) (*)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	233.3	78.0	312.8	478.9	1,103.9
1976	-	-	-	-	-
1977	138.9	49.6	292.5	349.0	830.9
1978	-	-	-	-	-
1979	236.8	36.5	569.4	623.2	1,467.4
1980	389.0	46.0	490.6	700.4	1,625.3
1981	402.8	91.8	461.9	808.6	1,767.0
1982	204.5	34.8	460.4	715.6	1,415.3
1983	296.2	95.6	607.7	541.6	1,542.3
1984	263.1	28.5	595.7	604.8	1,492.1
1985	331.6	95.5	834.0	737.4	1,997.1
1986	251.0	120.9	709.2	600.5	1,681.6

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

TOTAL AIRCRAFT DELIVERIES : GEOGRAPHICAL BREAKDOWN

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	21.4	5.2	23.3	50.1
1976	-	-	-	-
1977	15.3	6.3	33.1	45.4
1978	-	-	-	-
1979	15.8	4.5	40.4	39.3
1980	21.6	3.5	37.6	37.3
1981	19.6	5.8	34.6	40.0
1982	14.2	3.1	38.6	44.1
1983	16.9	4.4	46.1	32.6
1984	15.2	3.4	51.7	29.7
1985	12.9	5.2	55.8	26.0
1986	11.7	7.8	55.5	24.9

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	20.9	6.6	28.9	44.0
1976	-	-	-	-
1977	16.2	6.1	36.0	41.9
1978	-	-	-	-
1979	15.9	2.6	39.6	41.9
1980	23.6	2.9	31.2	42.5
1981	22.5	5.2	27.3	44.9
1982	14.1	2.3	33.7	50.1
1983	18.9	6.0	40.5	34.7
1984	17.5	2.1	40.5	39.3
1985	16.1	4.9	43.6	35.6
1986	14.4	7.3	43.6	34.6

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	21.1	7.1	28.3	43.4
1976	-	-	-	-
1977	16.7	6.0	35.2	42.0
1978	-	-	-	-
1979	16.1	2.5	38.8	42.5
1980	23.9	2.8	30.2	43.1
1981	22.8	5.2	26.1	45.8
1982	14.5	2.5	32.5	50.6
1983	19.2	6.2	39.4	35.1
1984	17.6	1.9	39.9	40.5
1985	16.6	4.8	41.8	36.9
1986	14.9	7.2	42.2	35.7

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

TOTAL AIRCRAFT DELIVERIES : EEC-12 MARKET SHARE

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	52.9	0.0	1.8	23.9	23.7
1976	-	-	-	-	-
1977	62.3	52.0	6.8	32.6	29.8
1978	-	-	-	-	-
1979	30.5	13.3	8.6	18.0	16.0
1980	16.4	30.8	15.2	17.8	17.0
1981	21.6	14.6	12.2	28.9	20.8
1982	43.8	18.8	8.6	35.8	25.9
1983	40.9	30.4	19.2	54.7	34.9
1984	53.1	72.2	22.2	56.3	38.7
1985	33.7	51.4	37.5	34.5	37.0
1986	38.3	51.9	34.2	34.3	36.1

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	26.3	0.0	0.5	15.0	12.1
1976	-	-	-	-	-
1977	34.7	40.7	7.5	26.9	22.1
1978	-	-	-	-	-
1979	21.8	12.5	5.2	11.9	10.8
1980	18.0	33.3	8.4	13.0	13.2
1981	21.7	8.3	9.6	18.0	16.1
1982	35.5	13.3	8.1	33.0	24.6
1983	28.5	25.6	11.0	31.9	22.5
1984	45.0	50.0	14.7	42.4	31.8
1985	21.2	36.1	25.9	26.1	25.7
1986	17.5	44.8	20.0	27.4	24.0

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD	TOTAL
1975	23.3	0.0	0.3	13.5	10.9
1976	-	-	-	-	-
1977	31.7	36.0	7.1	24.2	20.2
1978	-	-	-	-	-
1979	20.1	10.7	4.5	10.4	9.7
1980	17.0	30.1	7.2	11.8	12.2
1981	20.3	8.4	9.1	16.0	14.8
1982	33.2	15.7	7.6	31.3	23.5
1983	26.4	25.2	10.3	29.1	20.9
1984	42.8	42.9	13.5	40.4	30.1
1985	19.1	33.8	24.1	24.2	23.8
1986	15.0	42.9	18.1	25.5	22.1

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

TOTAL AIRCRAFT DELIVERIES : BREAKDOWN OF EEC-12 BUILT AIRCRAFT

UNITS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	47.8	0.0	1.7	50.4
1976	-	-	-	-
1977	31.9	10.9	7.6	49.6
1978	-	-	-	-
1979	30.2	3.8	21.7	44.3
1980	20.8	6.4	33.6	39.2
1981	20.3	4.1	20.3	55.4
1982	24.1	2.3	12.8	60.9
1983	19.8	3.8	25.3	51.1
1984	20.9	6.3	29.6	43.2
1985	11.7	7.3	56.7	24.3
1986	12.4	11.2	52.6	23.7

SEATS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	45.5	0.0	1.3	54.5
1976	-	-	-	-
1977	25.5	11.2	12.2	51.0
1978	-	-	-	-
1979	32.0	3.0	19.0	46.0
1980	32.1	7.3	19.7	41.6
1981	30.4	2.7	16.2	50.0
1982	20.4	1.2	11.1	67.3
1983	23.8	6.8	19.7	49.0
1984	24.9	3.3	18.8	52.5
1985	13.2	6.9	43.9	36.0
1986	10.5	13.7	36.3	39.5

VALUE (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	OTHER WORLD
1975	45.3	0.0	0.7	54.0
1976	-	-	-	-
1977	26.2	10.6	12.3	50.3
1978	-	-	-	-
1979	33.3	2.7	18.0	45.4
1980	33.4	7.0	17.9	41.6
1981	31.1	2.9	16.1	49.5
1982	20.4	1.6	10.5	67.4
1983	24.3	7.5	19.4	48.9
1984	25.1	2.7	17.8	54.4
1985	13.3	6.8	42.3	37.6
1986	10.1	14.0	34.5	41.4

EEC - DG III / SOURCE: AEROSPATIALE - (*) CONVERSION IN ECUS IMPLIES SUMMATION ERRORS

CHAPTER 3

T H E H E L I C O P T E R A N D L I G H T A I R C R A F T M A R K E T

1. The data on the fleet of single-engine aircraft, twin-engine aircraft and executive jets are compiled by the "Bureau Veritas". The fleet of light aircraft (less than 15,000 kg) is broken down into three aircraft categories:
 - single-engine aircraft: less than 5,700 kg,
 - twin-engine aircraft : less than 5,700 kg,
 - executive jets : from 5,700 to 15,000 kg.
2. The figures on the civil and para-public helicopter fleet are provided by the SOCIETE AEROSPATIALE.
3. The data on the commercial helicopter fleet (in value and units) are prepared by the ITA (Air Transport Institute, Paris).

The condition to include an helicopter in the study is that it has to be a "civil transport helicopter". Therefore some helicopters used by public authorities are included while they may also be included in the military helicopters fleet given in chapter 4.

The analysis covers the following geographical areas:

- EEC 12
- Other Europe: Austria, Cyprus, Finland, Gibraltar, Greenland, Iceland, Liechtenstein, Malta, Monaco, Norway, Sweden, Switzerland, Turkey, Yugoslavia
- USA
- Rest of the world

The value of the fleet is computed as follows:

- for helicopters which are no longer built, an average price is computed between the helicopter maximum price, its minimum price and its price after some improvements, between the first year of manufacturing and the last one.
- for helicopters still in production, the average price is estimated between the new helicopter price, weighted by a factor 2, and its maximum price, its minimum price and its price after some improvements on helicopters of the first year of production.
- for helicopters in production since 3 years, the price of new helicopter is used.

Helicopters of EEC design

Manufacturer	Model		Seats	Year	Average price 1986 (MIO ECUS)
AEROSPATIALE	Lama	SA315B	5	1971--	0.356
	Alouette III	SA316	7	1966-81	0.245
	Alouette II	SA318C	5	1969-75	0.100
	Alouette III	SA319	7	1974-76	0.274
	Puma	SA330J	18-22	1974-80	1.811
	SuperPuma	SA332C	23	1982--	3.811
	SuperPuma	SA332L	22	1982--	4.980
	Gazelle	SA341G	5	1972-80	0.163
	Ecureuil	AS350	6	1978--	0.325
	Ecureuil/2	AS355	6	1981--	0.711
	Dauphin	SA360	14	1976-80	0.545
	Dauphin/2	SA365	14	1977-81	0.943
	Dauphin/2	SA365N	14	1981-	1.829
AGUSTA	A 109A		8	1975--	1.118
MBB	BO-105		5	1973--	0.711
	BK-117		11	1983--	1.423
WESTLAND	WG-30 (all series)		20	1983--	2.947
	Westland 60		19	1965--	0.590

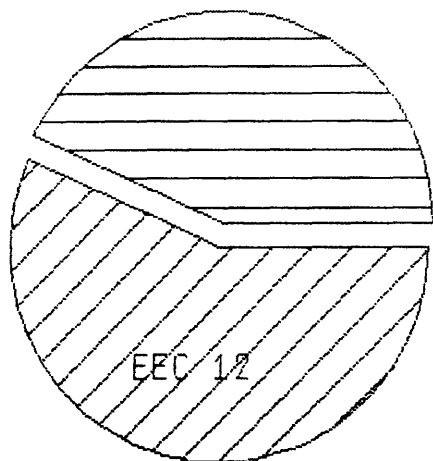
Helicopters of US design

Manufacturer	Model	Seats	Year	Average price 1986 (MIO ECUS)
AGUSTA BELL	A-204/205	10	1965-67	0.300
	A-206B	5	1966-77	0.293
	A-212	15	1971---	1.524
	A-412	15	1981---	2.236
BELL	47 * (all series)	3-4	1957-73	0.041
	204B	10	1965-67	0.300
	205A	15	1968-80	0.530
	Jet Ranger 206B	5	1966---	0.293
	Long Range 206L	7	1975---	0.409
	B-212	15	1971---	1.524
	B-214B	16	1976-81	1.220
	B-214ST	18	1982---	4.777
	B-222	8-10	1980---	1.088
	B-412	15	1981---	2.236
BOEING VERTOL	B-107	28	1961-65	6.098
	B-234	47	1981---	16.260
ENSTRØM	F-28 (all series)	3	1966--	0.088
	F-280 (all series)	3	1974--	0.101
FAIRCHILD	FH-1100	6	1966-72	0.153
HILLER	UH-12	3-4	1959--	0.122
HUGHES (MCD)	269A/300	2	1961-81	0.063
	369/500A (all series)	5	1969--	0.325
ROBINSON	R-22	2	1977--	0.069
SIKORSKY	S-55T	12	1946-61	0.058
	S-58T	12-18	1971-77	0.386
	S-61	33	1961-79	2.033
	S-62	12	1960-70	0.132
	S-64	3-5	1972--	5.793
	S-76A	14	1978--	2.439

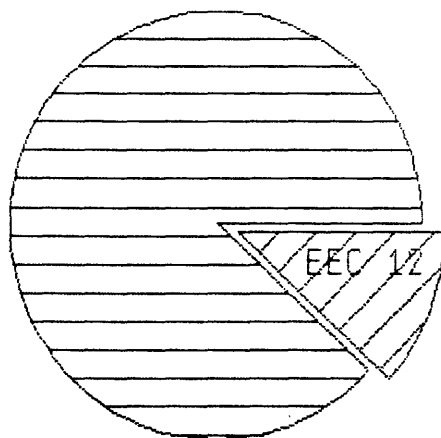
* Agusta Bell 47 are included in Bell 47.

EEC 12 LIGHT AIRCRAFT FLEET

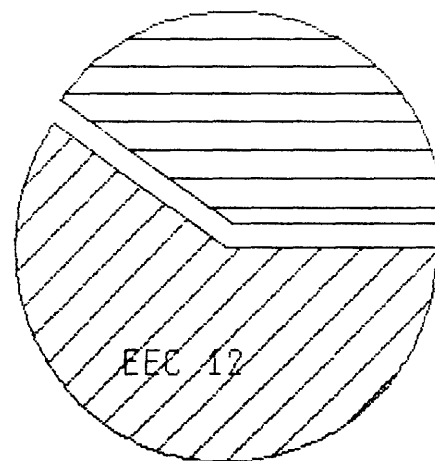
EEC-12 MARKET SHARE (1986)



SINGLE-ENGINE



TWIN-ENGINE



EXECUTIVE JET

LIGHT AIRCRAFT FLEET : UNITS

1) SINGLE-ENGINE

	BE	DK	DE	FR	HE(*)	IR	IT	LX	NL	UK	CEE-10	ES(*)	PO	CEE-12
1983	715	668	5,607	4,838	121	246	1,193	41	413	4,475	18,317	-	-	-
1984	652	690	5,546	4,756	130	218	1,201	43	395	4,548	18,179	-	-	-
1985	625	702	5,470	4,728	107	239	1,221	43	393	4,771	18,299	224	212	18,735
1986	599	679	5,488	4,846	107	249	1,235	43	408	4,745	18,399	224	232	18,855

2) TWIN-ENGINE

	BE	DK	DE	FR	HE(*)	IR	IT	LX	NL	UK	CEE-10	ES(*)	PO	CEE-12
1983	68	127	695	571	10	40	227	5	69	973	2,785	-	-	-
1984	72	144	670	559	5	38	231	6	59	937	2,721	-	-	-
1985	51	183	652	561	10	28	234	7	63	958	2,747	31	31	2,809
1986	76	190	674	619	10	37	262	9	82	776	2,735	31	33	2,799

3) EXECUTIVE JET

	BE	DK	DE	FR	HE(*)	IR	IT	LX	NL	UK	CEE-10	ES(*)	PO	CEE-12
1983	11	8	58	50	6	2	49	0	4	131	319	-	-	-
1984	4	8	58	52	0	2	54	1	4	84	267	-	-	-
1985	3	14	48	65	0	3	64	1	13	72	283	0	1	284
1986	6	10	48	71	0	3	80	0	5	70	293	0	0	293

(*) ESTIMATE FOR 1986

EEC - DG III / SOURCE: BUREAU VERITAS

LIGHT AIRCRAFT FLEET : BREAKDOWN INTO COUNTRIES (AS % OF TOTAL)

1) SINGLE-ENGINE

	BE	DK	DE	FR	HE	IR	IT	LX	NL	UK	ES	PO
1983	3.9	3.6	30.6	26.4	0.7	1.3	6.5	0.2	2.3	24.4	-	-
1984	3.6	3.8	30.5	26.2	0.7	1.2	6.6	0.2	2.2	25.0	-	-
1985	3.4	3.8	29.9	25.8	0.6	1.3	6.7	0.2	2.1	26.1	1.2	1.2
1986	3.3	3.7	29.8	26.3	0.6	1.4	6.7	0.2	2.2	25.8	1.2	1.3

2) TWIN-ENGINE

	BE	DK	DE	FR	HE	IR	IT	LX	NL	UK	ES	PO
1983	2.4	4.6	25.0	20.5	0.4	1.4	8.2	0.2	2.5	34.9	-	-
1984	2.6	5.3	24.6	20.5	0.2	1.4	8.5	0.2	2.2	34.4	-	-
1985	1.9	6.7	23.7	20.4	0.4	1.0	8.5	0.3	2.3	34.9	1.1	1.1
1986	2.8	6.9	24.6	22.6	0.4	1.4	9.6	0.3	3.0	28.4	1.1	1.2

3) EXECUTIVE JET

	BE	DK	DE	FR	HE	IR	IT	LX	NL	UK	ES	PO
1983	3.4	2.5	18.2	15.7	1.9	0.6	15.4	0.0	1.3	41.1	-	-
1984	1.5	3.0	21.7	19.5	0.0	0.7	20.2	0.4	1.5	31.5	-	-
1985	1.1	4.9	17.0	23.0	0.0	1.1	22.6	0.4	4.6	25.4	0.0	0.4
1986	2.0	3.4	16.4	24.2	0.0	1.0	27.3	0.0	1.7	23.9	0.0	0.0

(*) ESTIMATE FOR 1986

EEC - DG III / SOURCE: BUREAU VERITAS

LIGHT AIRCRAFT FLEET : MARKET SHARE OF EEC 12-BUILT AIRCRAFT (AS % OF TOTAL)

1) SINGLE-ENGINE

	BE	DK	DE	FR	HE(*)	IR	IT	LX	NL	UK	CEE-10	ES(*)	PO	CEE-12
1983	36.6	27.2	59.5	67.9	14.0	49.2	56.6	31.7	14.5	39.8	53.1	-	-	-
1984	38.7	26.8	60.0	68.0	36.2	35.8	56.5	27.9	10.1	52.2	56.2	-	-	-
1985	38.1	26.1	59.9	67.8	36.4	56.5	55.4	30.2	14.5	48.6	55.4	28.1	24.5	54.8
1986	37.9	22.2	60.0	72.8	36.4	54.2	54.6	51.2	15.2	51.4	57.4	28.1	27.6	56.7

2) TWIN-ENGINE

	BE	DK	DE	FR	HE(*)	IR	IT	LX	NL	UK	CEE-10	ES(*)	PO	CEE-12
1983	23.5	10.2	8.9	14.7	40.0	20.0	24.7	0.0	14.5	19.0	15.7	-	-	-
1984	20.8	9.7	9.0	8.9	80.0	18.4	25.5	0.0	3.4	20.3	14.7	-	-	-
1985	7.8	16.4	8.6	7.5	90.0	14.3	26.1	0.0	6.3	19.5	14.5	9.7	0.0	14.2
1986	7.9	10.0	8.2	6.1	90.0	18.9	24.8	11.1	8.5	14.9	11.8	9.7	15.2	11.8

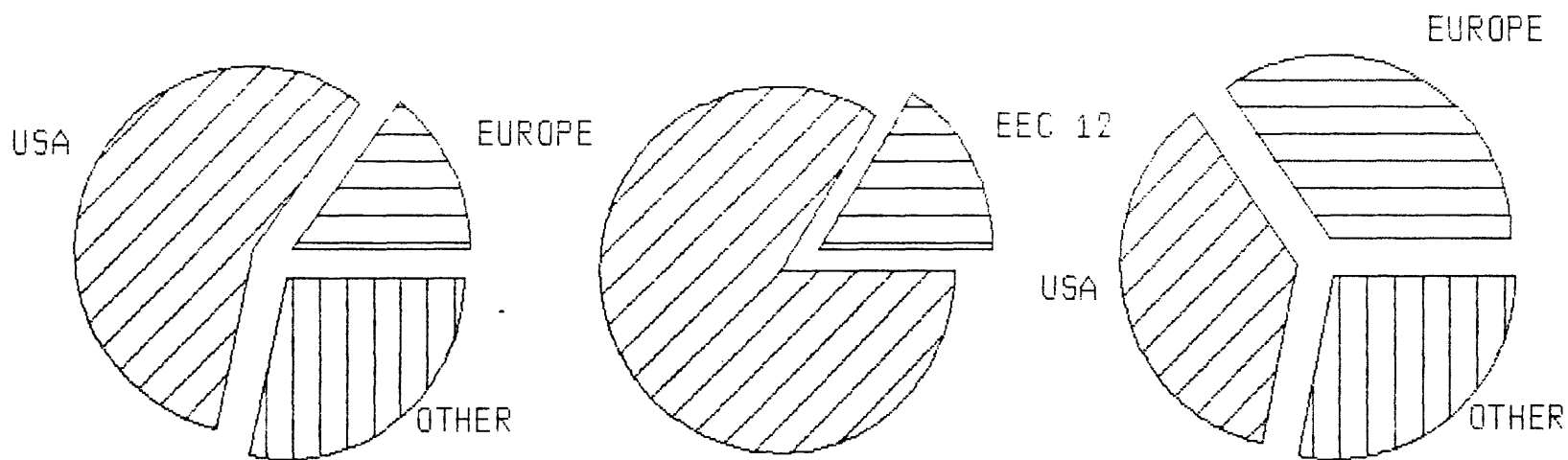
3) EXECUTIVE JET

	BE	DK	DE	FR	HE(*)	IR	IT	LX	NL	UK	CEE-10	ES(*)	PO	CEE-12
1983	18.2	62.5	37.9	66.0	0.0	50.0	61.2	0.0	50.0	82.4	63.6	-	-	-
1984	25.0	50.0	34.5	67.3	0.0	50.0	64.8	100.0	50.0	81.0	62.5	-	-	-
1985	33.3	28.6	43.8	73.8	0.0	66.7	57.8	100.0	30.8	77.8	61.5	0.0	0.0	61.3
1986	0.0	40.0	29.2	81.7	0.0	66.7	51.2	0.0	60.0	75.7	59.7	0.0	0.0	59.7

(*) ESTIMATE FOR 1986

EEC - DG III / SOURCE: BUREAU VERITAS

FLEET OF CIVIL HELICOPTERS (1986)



BREAKDOWN OF
WORLD FLEET

EEC 12
MARKET SHARE

BREAKDOWN OF
EEC 12 SALES

CIVIL AND PARAPUBLIC HELICOPTER FLEET IN THE EEC 12 AND NORTH AMERICA AT 31.12 (UNITS)

	EEC 12				USA		
	TOTAL	DESIGN ORIGIN (%)		LICENCE (1)	TOTAL	DESIGN ORIGIN (%)	
		EEC 12	USA			EEC 12	USA
1960....	176	22.7	77.3	48.3	-	-	-
1965....	406	33.0	67.0	30.0	1,854	0.6	99.4
1970....	598	27.6	72.4	32.4	2,980	1.1	98.9
1971....	638	29.5	70.5	31.7	2,931	2.3	97.7
1972....	688	31.3	68.8	28.9	3,230	2.1	97.9
1973....	826	30.1	69.9	25.1	3,584	2.5	97.5
1974....	959	31.4	68.6	22.8	4,228	3.1	96.9
1975....	1,023	32.7	67.3	22.0	4,803	3.3	96.7
1976....	1,066	33.6	66.4	20.4	5,125	3.5	96.5
1977....	1,135	33.4	66.6	20.8	5,537	4.1	95.9
1978....	1,246	34.4	65.6	22.5	6,164	4.7	95.3
1979....	1,379	34.4	65.6	23.0	6,697	5.6	94.4
1980....	1,477	36.4	63.6	23.0	7,259	6.3	93.7
1981....	1,614	37.7	62.3	20.8	7,735	7.4	92.6
1982....	1,709	38.4	61.6	20.6	7,947	8.5	91.5
1983....	1,775	40.5	59.5	20.1	8,192	8.7	91.3
1984....	1,829	42.2	57.8	19.5	8,469	9.1	90.9
1985....	1,840	43.5	56.5	18.5	8,540	9.7	90.3
1986....	1,918	43.8	56.2	17.2	8,577	10.6	89.4

(1) HELICOPTERS OF US DESIGN MANUFACTURED IN EEC 12 UNDER LICENCE (AS % OF TOTAL)

EEC - DG III / SOURCE: AEROSPATIALE

CIVIL AND PARAPUBLIC HELICOPTER FLEET IN THE EEC 12 AT 31.12

1) FLEET (UNITS)

	BE	DK	DE	ES	FR	HE	IR	IT	LU	NL	PO	UK
1960....	10	0	14	0	82	0	0	32	0	3	0	35
1965....	2	6	75	16	148	2	2	49	0	7	3	96
1970....	13	11	121	31	155	4	6	66	0	17	1	173
1971....	12	14	143	35	169	6	6	67	0	14	2	170
1972....	14	16	161	40	178	8	7	70	0	11	2	181
1973....	20	16	188	46	187	8	7	73	0	9	8	264
1974....	25	18	227	50	219	9	7	76	0	7	9	312
1975....	26	22	247	59	227	8	6	85	0	29	9	305
1976....	24	37	254	63	272	11	5	85	0	32	9	274
1977....	26	38	280	59	299	11	8	87	0	20	7	300
1978....	26	39	290	60	328	11	9	87	0	25	6	365
1979....	25	41	318	62	350	14	12	110	0	28	8	411
1980....	26	37	334	68	383	18	13	133	0	26	6	433
1981....	28	44	356	76	407	19	15	158	0	31	8	472
1982....	26	41	368	83	451	23	14	181	0	31	7	484
1983....	28	36	383	91	467	22	13	201	0	36	9	489
1984....	25	34	399	92	487	25	14	218	0	39	8	488
1985....	24	37	400	86	475	25	16	224	0	41	8	504
1986....	27	37	425	99	496	25	15	227	0	42	11	514

EEC - DG III / SOURCE : AEROSPATIALE

CIVIL AND PARAPUBLIC HELICOPTER FLEET IN THE EEC 12 AT 31.12

2) MARKET SHARE WON BY EC 12-PRODUCTS (%)

	BE	DK	DE	ES	FR	HE	IR	IT	LU	NL	PO	UK
1960....	0.0	0.0	7.1	0.0	41.5	0.0	0.0	6.3	0.0	100.0	0.0	0.0
1965....	50.0	0.0	40.0	0.0	61.5	0.0	0.0	10.2	0.0	57.1	100.0	0.0
1970....	38.5	0.0	30.6	9.7	63.9	50.0	33.3	7.6	0.0	41.2	0.0	2.9
1971....	41.7	7.1	30.8	11.4	64.5	66.7	50.0	7.5	0.0	50.0	0.0	3.5
1972....	35.7	6.3	34.8	12.5	68.0	62.5	42.9	10.0	0.0	36.4	0.0	4.4
1973....	35.0	0.0	36.7	21.7	70.1	75.0	28.6	11.0	0.0	44.4	12.5	4.2
1974....	36.0	0.0	36.6	24.0	69.9	66.7	28.6	13.2	0.0	28.6	11.1	7.4
1975....	34.6	0.0	37.7	25.4	67.0	75.0	33.3	16.5	0.0	65.5	11.1	7.9
1976....	37.5	0.0	39.4	28.6	60.7	45.5	40.0	16.5	0.0	65.6	11.1	8.4
1977....	34.6	0.0	40.7	32.2	59.9	36.4	37.5	23.0	0.0	30.0	14.3	8.0
1978....	34.6	0.0	43.1	33.3	61.3	36.4	22.2	25.3	0.0	40.0	16.7	9.6
1979....	36.0	0.0	42.8	32.3	58.3	28.6	16.7	32.7	0.0	46.4	12.5	11.9
1980....	34.6	0.0	44.6	30.9	60.1	33.3	7.7	43.6	0.0	53.8	0.0	11.5
1981....	32.1	0.0	48.6	32.9	62.9	31.6	6.7	43.0	0.0	54.8	0.0	11.2
1982....	34.6	0.0	46.2	32.5	62.1	30.4	7.1	42.0	0.0	48.4	0.0	14.7
1983....	32.1	5.6	43.9	35.2	63.0	40.9	15.4	40.8	0.0	50.0	11.1	20.9
1984....	36.0	5.9	45.1	41.3	63.0	32.0	14.3	41.7	0.0	48.7	12.5	23.6
1985....	41.7	8.1	45.5	40.7	67.2	32.0	18.8	41.5	0.0	48.8	12.5	25.0
1986....	40.7	10.8	44.0	44.4	66.1	24.0	20.0	45.4	0.0	42.9	18.2	26.3

EEC - DG III / SOURCE : AEROSPATIALE

FLEET OF CIVIL HELICOPTERS IN SERVICE AT 31.12

(UNITS)

	EEC 12	REST OF EUROPE	USA	REST OF THE WORLD	TOTAL
1984	1,751	424	9,110	4,038	15,323
1985	1,836	489	9,343	4,414	16,082
1986	1,938	548	9,577	4,802	16,865

BREAKDOWN INTO GEOGRAPHICAL ZONES (AS % OF TOTAL)

	EEC 12	REST OF EUROPE	USA	REST OF THE WORLD
1984	11.4	2.8	59.5	26.4
1985	11.4	3.0	58.1	27.4
1986	11.5	3.2	56.8	28.5

MARKET SHARE WON BY EC 12-BUILT HELICOPTERS (%)

	EEC 12	REST OF EUROPE	USA	REST OF THE WORLD	TOTAL
1984	38.5	21.7	10.1	13.7	14.6
1985	39.7	26.0	10.2	14.5	15.2
1986	40.7	27.2	10.4	15.7	15.9

BREAKDOWN OF EC 12-BUILT HELICOPTERS INTO GEOGRAPHICAL ZONES (AS % OF TOTAL)

	EEC 12	REST OF EUROPE	USA	REST OF THE WORLD
1984	30.2	4.1	40.9	24.8
1985	29.8	5.2	39.0	26.1
1986	29.3	5.5	37.0	28.1

EEC - DG III / SOURCE: ITA

FLEET OF CIVIL HELICOPTERS IN SERVICE AT 31.12

(UNITS)

	BE	DK	DE	ES	FR	HE	IR	IT	LU	NL	PO	UK	EEC 12
1984	20	33	397	51	419	22	12	247	1	33	11	505	1,751
1985	18	41	412	66	435	22	13	259	1	35	12	522	1,836
1986	20	39	434	69	459	25	16	282	0	39	14	541	1,938

BREAKDOWN INTO COUNTRIES (AS % OF TOTAL EEC 12)

	BE	DK	DE	ES	FR	HE	IR	IT	LU	NL	PO	UK
1984	1.1	1.9	22.7	2.9	23.9	1.3	0.7	14.1	0.1	1.9	0.6	28.8
1985	1.0	2.2	22.4	3.6	23.7	1.2	0.7	14.1	0.1	1.9	0.7	28.4
1986	1.0	2.0	22.4	3.6	23.7	1.3	0.8	14.6	0.0	2.0	0.7	27.9

MARKET SHARE WON BY EC 12-BUILT HELICOPTERS (%)

	BE	DK	DE	ES	FR	HE	IR	IT	LU	NL	PO	UK	EEC 12
1984	5.0	9.1	46.3	49.0	52.3	36.4	16.7	37.2	100.0	39.4	9.1	25.0	38.5
1985	11.1	9.8	46.6	48.5	55.4	31.8	23.1	37.5	100.0	42.9	8.3	25.7	39.7
1986	15.0	7.7	46.3	47.8	55.3	32.0	25.0	41.5	0.0	43.6	14.3	27.0	40.7

EEC - DG III / SOURCE: ITA

VALUE OF CIVIL HELICOPTERS IN SERVICE AT 31.12

(MIO ECU)

	EEC 12	OTHER EUROPE	USA	REST OF THE WORLD	TOTAL
1984	1,284.4	353.5	3,612.7	1,975.0	7,225.6
1985	1,248.6	347.1	3,817.2	2,061.8	7,474.7
1986	1,226.0	353.8	3,325.0	2,224.2	7,129.0

BREAKDOWN INTO GEOGRAPHICAL ZONES (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	REST OF THE WORLD
1984	17.8	4.9	50.0	27.3
1985	16.7	4.6	51.1	27.6
1986	17.2	5.0	46.6	31.2

MARKET SHARE WON BY EC 12-BUILT HELICOPTERS (%)

	EEC 12	OTHER EUROPE	USA	REST OF THE WORLD	TOTAL
1984	53.1	27.7	16.8	21.6	25.1
1985	53.0	37.3	16.5	22.2	25.1
1986	55.2	35.8	19.4	24.7	28.0

BREAKDOWN OF EC-12 BUILT HELICOPTERS INTO GEOGRAPHICAL REGIONS (AS % OF TOTAL)

	EEC 12	OTHER EUROPE	USA	REST OF THE WORLD
1984	37.6	5.4	33.5	23.5
1985	35.2	6.9	33.5	24.4
1986	33.9	6.3	32.3	27.5

EEC - DG III / SOURCE: ITA

VALUE OF CIVIL HELICOPTERS IN SERVICE AT 31.12

(MIO ECU)

	BE	DK	DE	ES	FR	HE	IR	IT	LU	NL	PO	UK	EEC 12
1984	3.6	29.9	190.1	33.7	174.8	8.6	12.7	121.3	0.3	47.5	1.5	660.4	1,284.4
1985	4.3	41.7	191.5	35.7	153.8	8.0	10.0	125.5	0.4	51.3	1.5	624.9	1,248.6
1986	4.6	38.0	192.4	35.0	142.2	7.6	12.2	135.4	0.0	80.4	1.7	576.5	1,226.0

BREAKDOWN INTO COUNTRIES (AS % OF TOTAL EEC 12)

	BE	DK	DE	ES	FR	HE	IR	IT	LU	NL	PO	UK
1984	0.3	2.3	14.8	2.6	13.6	0.7	1.0	9.4	0.0	3.7	0.1	51.4
1985	0.3	3.3	15.3	2.9	12.3	0.6	0.8	10.1	0.0	4.1	0.1	50.0
1986	0.4	3.1	15.7	2.9	11.6	0.6	1.0	11.0	0.0	6.6	0.1	47.0

MARKET SHARE WON BY EC 12-BUILT HELICOPTERS (%)

	BE	DK	DE	ES	FR	HE	IR	IT	LU	NL	PO	UK	EEC 12
1984	7.7	38.3	67.8	61.4	83.6	40.8	7.5	59.5	100.0	38.7	25.5	42.1	53.1
1985	44.2	25.2	67.7	64.1	83.8	44.5	9.1	57.6	100.0	38.7	24.7	43.3	53.0
1986	44.1	27.0	70.0	64.6	82.7	43.5	13.4	59.1	0.0	24.7	38.6	49.3	55.2

EEC - DG III / SOURCE: ITA

CHAPTER 4

T H E M I L I T A R Y A I R C R A F T F L E E T S

1. Data provided in this chapter cover the number of military aircraft in service in the world. Aircraft in long term storage have been excluded. Warsaw Pact and PRC fleets have been excluded throughout, however aircraft and helicopters exported by these countries have been included in the relevant category under "Other" design origin.

The condition to include an aircraft in the study is that it is not registered on a civil register. Therefore a commercial aircraft used by public authorities may be included while it is already included in the civil transport fleets presented in chapters 2 or 3.

Military aircraft are broken down as follows:

- by category,
- by design origin,
- by geographical areas.

Aircraft are broken down into the following categories:

- interceptor/air superiority
- fighter/attack
- attack
- bomber/interdictor
- AEW/Maritime Patrol/Electronics
- Advanced Trainer/Light Attack
- Elementary/Basic Trainer
- Transport - tactical/Strategic/Tanker
- Transport - VIP/liaison/communication
- helicopters

Flight refuelling tankers have been included in the tactical/strategic transport category since the majority have dual transport role.

Aircraft are also broken down according to design origin:

- EEC,
- USA,

Design origin reflects country of original design and not necessarily the country of production and/or assembly.

Aircraft are broken down into the following geographical areas:

- EEC 12
- EUR : Austria, Cyprus, Finland, Iceland, Malta, Norway, Sweden, Switzerland, Turkey, Yugoslavia
- USA
- Canada
- Latin America and Caribbean
- Middle East and North Africa
- Africa (south of Sahara)
- Republic of South Africa
- Asia
- Australasia

A list of military aircraft is given in the following pages.

Aircraft of EEC design

Manufacturer	Model		Average price - (MIO ECUS) (*)
AERITALIA	G-222		17.0 - 20.0
AERMACCHI	MB-339		5.0 - 7.4
AEROSPATIALE	Epsilon	TB-30	0.45 - 0.5
	SuperPuma	SA332	6.0 - 8.0
	Gazelle	SA341	0.6 - 0.75
	Dauphin	SA365	2.2 - 2.5
BRITISH AEROSPACE	Hawk		7.5 - 9.0
CASA	C-101 Aviojet		4.5 - 7.0
	C-212 Aviocar		13.0 - 14.5
DASSAULT-BREGUET	Mirage 2000		24.0 - 34.0
	Mirage F.1		13.0 - 14.5
	Alpha Jet		8.5 - 10.0
FOKKER	F-27 Maritime		12.0 - 14.0
MBB	BO-105		0.9 - 1.3
PANAVIA	Tornado		39.0 - 48.0
SIAI-MARCHETTI	S-211		2.3 - 2.5
	SF-260 TP		0.68
WESTLAND	Lynx		3.6 - 5.0

* Average programme unit costs in 1985 including flyaway cost of aircraft, initial spares, ground support equipment, R&D levies and other associated costs divided by the number of aircraft procured.

Aircraft of US design

Manufacturer	Model	Average price (*) (MIO ECUS)
BELL	Cobra	6.3 - 9.7
BOEING VERTOL	CH-47C Chinook	16.0 - 19.0
GENERAL DYNAMICS	F-16 Fighting Falcon	23.0 - 33.0
GRUMMAN	A-6E Intruder	29.0 - 32.0
	E-2C Hawkeye	45.0 - 57.0
	F-14 Tomcat	38.0 - 48.0
HUGHES (MCD)	AH-64 Apache	8.3 - 10.5
LOCKHEED	C-130 Hercules	18.0 - 27.0
	P-3C Orion	38.0 - 54.0
MCDONNELL DOUGLAS	F-15 Eagle	37.0 - 46.0
	F/A-18 Hornet	35.0 - 45.0
SIKORSKY	CH-53E Super Stallion	14.0 - 18.0
	UH-60 Blackhawk	6.85 - 9.75
	SH-60 Seahawk	18.3 - 22.5

* Average programme unit costs in 1985 including flyaway cost of aircraft, initial spares, ground support equipment, R&D levies and other associated costs divided by the number of aircraft procured.

Model of other design

Manufacturer	Model	Average price (*) (MIO ECUS)
DE HAVILLAND	DHC-5 Buffalo	9.5 - 10.75
	DHC-6 Twin Otter	2.2 - 2.6
EMBRAER	EMB-312 Tucano	1.4 - 1.85
IAI	Arava	3.0 - 4.0
	Kfir	10.3 - 12.6
PILATUS	PC-7 Turbo-trainer	1.5 - 1.9
	PC-9	2.06 - 2.5
SAAB	JAS39 GRIPEN	29.0 - 30.0

* Average programme unit costs in 1985 including flyaway cost of aircraft, initial spares, ground support equipment, R&D levies and other associated costs divided by the number of aircraft procured.

MILITARY AIRCRAFT IN SERVICE AT 31.12 - TYPE : INTERCEPTOR/AIR SUPERIORITY

ORIGIN : EUROPE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	124	0	0	0	0	53	0	0	0	0	177
1980	71	0	0	0	0	30	0	0	0	0	101
1985	99	0	0	0	0	22	0	0	23	0	144

ORIGIN : USA

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	65	39	1,374	62	0	0	0	0	0	0	1,540
1980	30	0	1,226	40	0	100	0	0	24	0	1,420
1985	19	0	1,275	0	0	167	0	0	69	0	1,530

ORIGIN : AUTRE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	64	0	0	0	0	64
1985	0	0	0	0	0	155	0	0	8	0	163

TOTAL

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	189	39	1,374	62	0	53	0	0	0	0	1,717
1980	101	0	1,226	40	0	194	0	0	24	0	1,585
1985	118	0	1,275	0	0	344	0	0	100	0	1,837

EEC - DG III

EUR - NON-EEC EUROPE..... AFR - AFRICA SOUTH OF SAHARA
 CDN - CANADA..... SAF - REPUBLIC OF SOUTH AFRICA
 LAT - LATIN AMERICA AND CARIBBEAN..... ASA - ASIA
 MID - MIDDLE EAST AND NORTH AFRICA..... AUS - AUSTRALASIA

MILITARY AIRCRAFT IN SERVICE AT 31.12 - TYPE : FIGHTER/ATTACK

ORIGIN : EUROPE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	1,441	416	0	0	165	397	32	66	465	103	3,085
1980	1,287	342	0	0	194	369	46	98	221	91	2,648
1985	1,064	248	0	0	245	552	44	95	237	75	2,560

ORIGIN : USA

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	1,879	673	3,904	269	166	653	26	12	1,554	0	9,136
1980	1,778	588	3,043	165	110	728	26	0	1,173	0	7,611
1985	1,368	650	3,194	154	119	807	21	0	1,152	5	7,470

ORIGIN : AUTRE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	42	584	0	32	235	1,193	229	0	1,668	0	3,983
1980	43	620	0	8	240	1,593	348	0	1,820	0	4,672
1985	43	560	12	0	304	1,973	462	0	1,893	0	5,247

TOTAL

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	3,362	1,673	3,904	301	566	2,243	287	78	3,687	103	16,204
1980	3,108	1,550	3,043	173	544	2,690	420	98	3,214	91	14,931
1985	2,475	1,458	3,206	154	668	3,332	527	95	3,282	80	15,277

EEC - DG III

EUR - NON-EEC EUROPE..... AFR - AFRICA SOUTH OF SAHARA
 CDN - CANADA..... SAF - REPUBLIC OF SOUTH AFRICA
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MILITARY AIRCRAFT IN SERVICE AT 31.12 - TYPE : ATTACK

ORIGIN : EUROPE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	404	0	86	0	0	0	0	9	0	0	499
1980	540	0	70	0	12	11	0	6	18	0	657
1985	374	0	116	0	11	21	16	6	52	0	596

ORIGIN : USA

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	18	0	2,739	0	77	312	0	0	91	31	3,268
1980	60	0	2,797	0	92	269	0	0	100	28	3,346
1985	102	0	2,746	0	45	253	0	0	156	22	3,324

ORIGIN : AUTRE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	0	90	0	0	6	335	6	0	162	0	599
1980	0	140	0	0	68	387	5	0	251	0	851
1985	0	211	0	0	113	469	17	0	307	0	1,117

TOTAL

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	422	90	2,825	0	83	647	6	9	253	31	4,366
1980	600	140	2,867	0	172	667	5	6	369	28	4,854
1985	476	211	2,862	0	169	743	33	6	515	22	5,037

EEC - DG III

EUR - NON-EEC EUROPE..... AFR - AFRICA SOUTH OF SAHARA
 CDN - CANADA..... SAF - REPUBLIC OF SOUTH AFRICA
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MILITARY AIRCRAFT IN SERVICE AT 31.12 - TYPE : BOMBER/INTERDICTOR

ORIGIN : EUROPE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	306	0	42	0	70	0	18	9	108	12	565
1980	241	0	17	0	59	0	13	7	87	12	436
1985	593	0	0	0	52	0	1	7	72	0	725

ORIGIN : USA

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	0	0	883	0	52	0	0	0	9	24	968
1980	0	0	764	0	11	0	0	0	0	20	795
1985	0	0	699	0	0	0	0	0	0	24	723

ORIGIN : AUTRE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	0	2	0	0	0	139	11	0	100	0	252
1980	0	4	0	0	0	122	5	0	100	0	231
1985	0	0	0	0	0	89	3	0	80	0	172

TOTAL

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	306	2	925	0	122	139	29	9	217	36	1,785
1980	241	4	781	0	70	122	18	7	187	32	1,462
1985	593	0	699	0	52	89	4	7	152	24	1,620

EEC - DG III

EUR - NON-EEC EUROPE..... AFR - AFRICA SOUTH OF SAHARA
 CDN - CANADA..... SAF - REPUBLIC OF SOUTH AFRICA
 LAT - LATIN AMERICA AND CARIBBEAN..... ASA - ASIA
 MID - MIDDLE EAST AND NORTH AFRICA..... AUS - AUSTRALASIA

MILITARY AIRCRAFT IN SERVICE AT 31.12 - TYPE : AEW/MARITIME PATROL/ELECTRONICS

ORIGIN : EUROPE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	225	0	0	0	0	0	0	7	14	0	246
1980	182	0	0	0	2	0	1	7	16	0	208
1985	173	0	41	0	2	0	1	0	21	0	238

ORIGIN : USA

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	98	25	1,415	32	84	6	0	0	190	37	1,887
1980	38	30	1,138	36	68	12	0	0	184	43	1,549
1985	27	30	1,165	36	69	8	0	0	194	26	1,555

ORIGIN : AUTRE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	0	0	0	31	0	10	0	0	18	0	59
1980	0	0	0	10	18	0	0	0	27	0	55
1985	0	4	0	0	17	0	1	0	42	0	64

TOTAL

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	323	25	1,415	63	84	16	0	7	222	37	2,192
1980	220	30	1,138	46	88	12	1	7	227	43	1,812
1985	200	34	1,206	36	88	8	2	0	257	26	1,857

EEC - DG III

EUR - NON-EEC EUROPE..... AFR - AFRICA SOUTH OF SAHARA
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MILITARY AIRCRAFT IN SERVICE AT 31.12 - TYPE : ADVANCED TRAINER/LIGHT ATTACK

ORIGIN : EUROPE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	306	36	0	0	161	103	62	188	29	101	986
1980	498	38	0	0	218	112	74	212	26	99	1,277
1985	777	83	0	0	225	187	119	217	47	97	1,752

ORIGIN : USA

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	488	187	1,637	92	225	28	11	0	460	0	3,128
1980	315	130	1,406	70	226	12	10	0	360	0	2,529
1985	165	155	1,288	64	221	0	0	0	327	0	2,220

ORIGIN : AUTRE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	0	247	0	117	30	287	54	0	120	0	855
1980	0	238	0	102	32	327	50	0	177	0	926
1985	0	370	0	81	47	328	95	0	212	0	1,133

TOTAL

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	794	470	1,637	209	416	418	127	188	609	101	4,969
1980	813	406	1,406	172	476	451	134	212	563	99	4,732
1985	942	608	1,288	145	493	515	214	217	586	97	5,105

EEC - DG III

EUR - NON-EEC EUROPE..... AFR - AFRICA SOUTH OF SAHARA
 CDN - CANADA..... SAF - REPUBLIC OF SOUTH AFRICA
 LAT - LATIN AMERICA AND CARIBBEAN..... ASA - ASIA
 MID - MIDDLE EAST AND NORTH AFRICA..... AUS - AUSTRALASIA

MILITARY AIRCRAFT IN SERVICE AT 31.12 - TYPE : ELEMENTARY/BASIC TRAINER

ORIGIN : EUROPE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	1,051	145	0	0	34	194	109	0	118	0	1,651
1980	965	125	0	0	16	300	140	0	121	0	1,667
1985	973	98	0	0	44	332	147	0	139	0	1,733

ORIGIN : USA

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	478	120	1,766	25	948	100	86	75	779	20	4,397
1980	324	136	1,310	25	670	70	79	70	372	0	3,056
1985	260	137	1,204	20	539	70	64	50	289	0	2,633

ORIGIN : AUTRE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	232	266	0	0	298	451	50	0	616	48	1,961
1980	185	259	0	0	330	366	99	0	716	54	2,009
1985	177	261	0	0	475	444	92	0	827	63	2,339

TOTAL

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	1,761	531	1,766	25	1,280	745	245	75	1,513	68	8,009
1980	1,474	520	1,310	25	1,016	736	318	70	1,209	54	6,732
1985	1,410	496	1,204	20	1,058	846	303	50	1,255	63	6,705

EEC - DG III

EUR - NON-EEC EUROPE..... AFR - AFRICA SOUTH OF SAHARA
 CDN - CANADA..... SAF - REPUBLIC OF SOUTH AFRICA
 LAT - LATIN AMERICA AND CARIBBEAN..... ASA - ASIA
 MID - MIDDLE EAST AND NORTH AFRICA..... AUS - AUSTRALASIA

MILITARY AIRCRAFT IN SERVICE AT 31.12 - TYPE : TRANSPORT - TACTICAL/STRATEGIC/TANKER

ORIGIN : EUROPE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	538	31	0	0	54	69	39	10	89	23	853
1980	469	31	0	0	83	61	59	10	105	27	845
1985	420	31	21	0	125	87	94	10	138	29	955

ORIGIN : USA

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	302	158	2,690	56	454	235	167	51	775	50	4,938
1980	198	94	2,128	43	332	247	144	41	398	46	3,671
1985	167	88	2,114	43	272	256	128	45	298	43	3,454

ORIGIN : AUTRE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	12	26	102	14	125	170	64	0	214	25	752
1980	12	35	53	16	189	136	97	0	205	22	765
1985	31	41	28	16	200	165	137	0	266	19	903

TOTAL

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	852	215	2,792	70	633	474	270	61	1,078	98	6,543
1980	679	160	2,181	59	604	444	300	51	708	95	5,281
1985	618	160	2,163	59	597	508	359	55	702	91	5,312

EEC - DG III

EUR - NON-EEC EUROPE..... AFR - AFRICA SOUTH OF SAHARA
 CDN - CANADA..... SAF - REPUBLIC OF SOUTH AFRICA
 LAT - LATIN AMERICA AND CARIBBEAN..... ASA - ASIA
 MID - MIDDLE EAST AND NORTH AFRICA..... AUS - AUSTRALASIA

MILITARY AIRCRAFT IN SERVICE AT 31.12 - TYPE : TRANSPORT - VIP/LIAISON/COMMUNICATION

ORIGIN : EUROPE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	742	53	0	8	37	70	154	56	53	9	1,182
1980	673	33	0	7	39	105	170	62	45	6	1,140
1985	552	38	3	7	55	81	211	26	61	2	1,036

ORIGIN : USA

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	342	204	2,626	0	534	231	103	42	677	0	4,759
1980	186	195	881	0	445	199	134	30	418	0	2,488
1985	122	102	930	0	531	224	150	27	412	2	2,500

ORIGIN : AUTRE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	32	71	403	38	350	44	49	0	353	20	1,360
1980	18	65	10	38	275	42	45	31	290	30	844
1985	56	95	12	22	295	75	34	30	311	31	961

TOTAL

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	1,116	328	3,029	46	921	345	306	98	1,083	29	7,301
1980	877	293	891	45	759	346	349	123	753	36	4,472
1985	730	235	945	29	881	380	395	83	784	35	4,497

EEC - DG III

EUR - NON-EEC EUROPE..... AFR - AFRICA SOUTH OF SAHARA
 CDN - CANADA..... SAF - REPUBLIC OF SOUTH AFRICA
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MILITARY AIRCRAFT IN SERVICE AT 31.12 - TYPE : HELICOPTERS

ORIGIN : EUROPE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	1,973	220	0	0	130	237	184	157	261	23	3,185
1980	2,159	261	0	0	203	396	219	156	466	23	3,883
1985	2,553	360	22	0	288	656	335	153	562	49	4,978

ORIGIN : USA

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	1,716	372	12,541	188	624	790	77	0	1,259	181	17,748
1980	1,544	388	10,609	181	525	1,242	112	0	1,426	149	16,176
1985	1,755	573	10,521	184	746	1,412	167	0	1,842	127	17,327

ORIGIN : AUTRE

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	0	37	0	0	115	355	45	0	268	0	820
1980	0	62	0	0	54	449	88	0	297	0	950
1985	0	74	0	0	136	506	123	0	396	0	1,235

TOTAL

	CEE-12	EUR	USA	CDN	LAT	ME	AFR	SAF	ASA	AUS	TOTAL
1975	3,689	629	12,541	188	869	1,382	306	157	1,788	204	21,753
1980	3,703	711	10,609	181	782	2,087	419	156	2,189	172	21,009
1985	4,308	1,007	10,543	184	1,170	2,574	625	153	2,800	176	23,540

EEC - DG III

EUR - NON-EEC EUROPE..... AFR - AFRICA SOUTH OF SAHARA
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AVERAGE UNIT REPLACEMENT VALUE OF MILITARY AIRCRAFT IN SERVICE IN THE EEC 12

ACCORDING TO DESIGN ORIGIN AND BY CATEGORY (MIO ECUS)

ORIGIN : EUROPE

	I/AS	F/AT	ATT	B/IN	AEW	A/L T	E/B T	T/S/T	V/L/C	HEL
1975	4.86	4.25	5.46	16.19	12.78	2.30	0.57	6.87	0.63	0.58
1980	24.14	10.93	11.67	21.89	16.84	4.17	0.65	8.75	0.75	0.93
1985	36.41	23.78	26.72	39.73	39.61	9.30	1.44	15.43	2.35	2.33

ORIGIN : USA

	I/AS	F/AT	ATT	B/IN	AEW	A/L T	E/B T	T/S/T	V/L/C	HEL
1975	4.71	5.08	5.12	-	16.21	2.51	0.44	6.94	0.15	1.23
1980	16.02	11.36	9.34	-	19.17	4.33	0.55	10.28	0.32	1.77
1985	42.21	27.16	29.11	-	64.78	8.88	1.05	22.77	1.86	5.91

ORIGIN : AUTRE

	I/AS	F/AT	ATT	B/IN	AEW	A/L T	E/B T	T/S/T	V/L/C	HEL
1975	-	5.51	-	-	-	-	0.29	3.63	0.18	-
1980	-	11.18	-	-	-	-	0.40	4.68	0.52	-
1985	-	29.98	-	-	-	-	1.03	9.98	2.22	-

EEC - DG III

I/AS...INTERCEPTOR / AIR SUPERIORITY
 F/AT...FIGHTER / ATTACK
 ATT...ATTACK
 B/IN...BOMBER / INTERDICTOR
 AEW...AEW / MARITIME PATROL / ELECTRONICS
 A/L T...ADVANCED TRAINER / LIGHT ATTACK
 E/B T...ELEMENTARY / BASIC TRAINER
 T/S/T...TRANSPORT - TACTICAL / STRATEGIC / TANKER
 V/L/C...TRANSPORT - VIP / LIAISON / COMMUNICATION
 HEL...HELICOPTERS

MILITARY HELICOPTERS FLEET IN THE EEC 12 AND NORTH AMERICA AT 31.12 (UNITS)

	EEC 12				USA		
	TOTAL	AS % OF TOTAL		LICENCE (1)	TOTAL	AS % OF TOTAL	
		DESIGN ORIGIN)				DESIGN ORIGIN	
		EEC 12	USA				EEC 12
1960....	1,742	35.3	64.7	41.4	4,423	0.0	100.0
1965....	2,478	41.3	58.7	38.3	6,185	0.0	100.0
1970....	3,335	37.2	62.8	39.9	15,874	0.0	100.0
1971....	3,363	38.4	61.6	40.3	16,808	0.0	100.0
1972....	3,439	38.8	61.2	39.7	17,605	0.0	100.0
1973....	3,547	39.8	60.2	38.9	17,507	0.0	100.0
1974....	3,614	41.8	58.2	38.6	16,919	0.0	100.0
1975....	3,637	43.6	56.4	37.2	15,338	0.0	100.0
1976....	3,726	46.3	53.7	35.5	13,842	0.0	100.0
1977....	3,636	49.3	50.7	31.8	12,043	0.0	100.0
1978....	3,469	52.4	47.6	28.0	10,803	0.0	100.0
1979....	3,516	53.4	46.6	28.2	9,559	0.0	100.0
1980....	3,559	55.9	44.1	26.0	8,749	0.0	100.0
1981....	3,665	57.0	43.0	25.0	8,190	0.0	100.0
1982....	3,743	58.1	41.9	24.3	7,640	0.0	100.0
1983....	3,863	60.1	39.9	23.2	7,760	0.0	100.0
1984....	3,894	61.2	38.8	22.2	7,848	0.0	100.0
1985....	3,917	61.3	38.7	22.5	7,658	0.0	100.0
1986....	3,977	61.5	38.5	22.8	7,646	0.0	100.0

(1) HELICOPTERS OF US DESIGN MANUFACTURED IN THE EEC 12 UNDER LICENCE

EEC - DG III / SOURCE: AEROSPATIALE

MILITARY HELICOPTER FLEET IN THE EEC 12 AT 31.12

1) FLEET

	BE	DK	DE	ES	FR	HE	IR	IT	LU	NL	PO	UK	EEC-12
1960....	10	14	243	27	801	7	0	98	0	49	2	491	1,742
1965....	43	25	490	39	758	7	3	227	0	90	32	764	2,478
1970....	80	17	765	75	734	55	3	352	0	98	126	1,030	3,335
1971....	81	29	743	77	726	55	4	399	0	97	129	1,023	3,363
1972....	81	29	739	123	712	56	4	458	0	97	126	1,014	3,439
1973....	80	29	758	152	743	55	7	501	0	89	119	1,014	3,547
1974....	79	32	725	157	799	55	8	541	0	90	114	1,014	3,614
1975....	79	32	714	196	805	64	8	548	0	91	113	987	3,637
1976....	80	32	719	195	810	83	8	555	0	121	95	1,028	3,726
1977....	80	31	711	197	840	105	8	511	0	121	87	945	3,636
1978....	80	31	707	222	803	119	8	511	0	117	79	792	3,469
1979....	80	31	707	225	790	150	9	499	0	118	71	836	3,516
1980....	80	35	701	253	812	141	9	495	0	124	62	847	3,559
1981....	80	33	742	303	829	126	11	493	0	122	62	864	3,665
1982....	80	29	831	311	847	122	11	506	0	120	62	824	3,743
1983....	79	29	915	310	860	116	10	514	0	120	62	848	3,863
1984....	79	29	932	312	903	116	10	515	0	118	62	818	3,894
1985....	78	28	922	308	922	128	10	509	0	117	64	831	3,917
1986....	74	28	913	305	937	142	15	528	0	117	87	831	3,977

EEC - DG III / SOURCE : AEROSPATIALE

MILITARY HELICOPTER FLEET IN THE EEC 12 AT 31.12

2) BREAKDOWN BY COUNTRY (AS % OF TOTAL)

	BE	DK	DE	ES	FR	HE	IR	IT	LU	NL	PO	UK
1960....	0.6	0.8	13.9	1.5	46.0	0.4	0.0	5.6	0.0	2.8	0.1	28.2
1965....	1.7	1.0	19.8	1.6	30.6	0.3	0.1	9.2	0.0	3.6	1.3	30.8
1970....	2.4	0.5	22.9	2.2	22.0	1.6	0.1	10.6	0.0	2.9	3.8	30.9
1971....	2.4	0.9	22.1	2.3	21.6	1.6	0.1	11.9	0.0	2.9	3.8	30.4
1972....	2.4	0.8	21.5	3.6	20.7	1.6	0.1	13.3	0.0	2.8	3.7	29.5
1973....	2.3	0.8	21.4	4.3	20.9	1.6	0.2	14.1	0.0	2.5	3.4	28.6
1974....	2.2	0.9	20.1	4.3	22.1	1.5	0.2	15.0	0.0	2.5	3.2	28.1
1975....	2.2	0.9	19.6	5.4	22.1	1.8	0.2	15.1	0.0	2.5	3.1	27.1
1976....	2.1	0.9	19.3	5.2	21.7	2.2	0.2	14.9	0.0	3.2	2.5	27.6
1977....	2.2	0.9	19.6	5.4	23.1	2.9	0.2	14.1	0.0	3.3	2.4	26.0
1978....	2.3	0.9	20.4	6.4	23.1	3.4	0.2	14.7	0.0	3.4	2.3	22.8
1979....	2.3	0.9	20.1	6.4	22.5	4.3	0.3	14.2	0.0	3.4	2.0	23.8
1980....	2.2	1.0	19.7	7.1	22.8	4.0	0.3	13.9	0.0	3.5	1.7	23.8
1981....	2.2	0.9	20.2	8.3	22.6	3.4	0.3	13.5	0.0	3.3	1.7	23.6
1982....	2.1	0.8	22.2	8.3	22.6	3.3	0.3	13.5	0.0	3.2	1.7	22.0
1983....	2.0	0.8	23.7	8.0	22.3	3.0	0.3	13.3	0.0	3.1	1.6	22.0
1984....	2.0	0.7	23.9	8.0	23.2	3.0	0.3	13.2	0.0	3.0	1.6	21.0
1985....	2.0	0.7	23.5	7.9	23.5	3.3	0.3	13.0	0.0	3.0	1.6	21.2
1986....	1.9	0.7	23.0	7.7	23.6	3.6	0.4	13.3	0.0	2.9	2.2	20.9

EEC - DG III / SOURCE : AEROSPATIALE

MILITARY HELICOPTER FLEET IN THE EEC 12 AT 31.12

3) MARKET SHARE WON BY EC 12-BUILT PRODUCTS (AS % OF TOTAL)

	BE	DK	DE	ES	FR	HE	IR	IT	LU	NL	PO	UK	EEC-12
1960....	100.0	35.7	65.8	44.4	38.3	0.0	0.0	0.0	0.0	16.3	100.0	22.6	35.3
1965....	88.4	32.0	60.2	0.0	49.3	0.0	100.0	0.0	0.0	63.3	96.9	28.4	41.3
1970....	90.0	47.1	33.5	0.0	61.6	0.0	100.0	0.0	0.0	85.7	99.2	23.2	37.2
1971....	90.1	27.6	34.6	0.0	66.8	0.0	100.0	3.8	0.0	85.6	100.0	23.3	38.4
1972....	90.1	27.6	35.5	0.0	71.8	0.0	100.0	5.2	0.0	85.6	100.0	24.1	38.8
1973....	90.0	27.6	34.3	2.6	76.4	0.0	100.0	4.8	0.0	92.1	100.0	26.5	39.8
1974....	89.9	25.0	35.6	3.8	79.3	0.0	100.0	4.4	0.0	92.2	100.0	30.1	41.8
1975....	89.9	25.0	36.3	4.6	83.5	6.3	100.0	3.6	0.0	92.3	100.0	34.1	43.6
1976....	93.8	25.0	38.8	5.1	89.8	4.8	100.0	3.6	0.0	94.2	100.0	37.6	46.3
1977....	93.8	25.8	38.1	6.1	91.7	3.8	100.0	4.1	0.0	95.9	100.0	44.4	49.3
1978....	93.8	25.8	38.3	5.4	96.8	3.4	100.0	2.9	0.0	95.7	100.0	57.6	52.4
1979....	93.8	25.8	39.6	5.3	100.0	2.7	100.0	1.8	0.0	100.0	100.0	59.8	53.4
1980....	93.8	37.1	40.4	12.6	100.0	2.8	100.0	1.0	0.0	100.0	100.0	67.3	55.9
1981....	93.8	36.4	43.7	20.8	100.0	3.2	100.0	1.0	0.0	100.0	100.0	67.5	57.0
1982....	93.8	27.6	49.8	28.0	100.0	3.3	100.0	1.0	0.0	100.0	100.0	65.9	58.1
1983....	93.7	27.6	54.4	31.0	100.0	3.4	100.0	1.0	0.0	100.0	100.0	69.0	60.1
1984....	93.7	27.6	55.3	31.4	100.0	3.4	100.0	1.0	0.0	100.0	100.0	71.9	61.2
1985....	88.5	25.0	54.9	31.5	100.0	3.1	100.0	0.8	0.0	100.0	100.0	72.4	61.3
1986....	93.2	25.0	54.5	31.8	100.0	2.8	100.0	3.2	0.0	100.0	100.0	71.8	61.5

EEC - DG III / SOURCE : AEROSPATIALE

MILITARY HELICOPTER FLEET IN THE EEC 12 AT 31.12

4) BREAKDOWN OF EC 12-BUILT PRODUCTS (AS % OF TOTAL)

	BE	DK	DE	ES	FR	HE	IR	IT	LU	NL	PO	UK
1960....	1.6	0.8	26.0	2.0	49.9	0.0	0.0	0.0	0.0	1.3	0.3	18.0
1965....	3.7	0.8	28.8	0.0	36.6	0.0	0.3	0.0	0.0	5.6	3.0	21.2
1970....	5.8	0.6	20.7	0.0	36.5	0.0	0.2	0.0	0.0	6.8	10.1	19.3
1971....	5.7	0.6	19.9	0.0	37.5	0.0	0.3	1.2	0.0	6.4	10.0	18.4
1972....	5.5	0.6	19.6	0.0	38.3	0.0	0.3	1.8	0.0	6.2	9.4	18.3
1973....	5.1	0.6	18.4	0.3	40.2	0.0	0.5	1.7	0.0	5.8	8.4	19.0
1974....	4.7	0.5	17.1	0.4	42.0	0.0	0.5	1.6	0.0	5.5	7.5	20.2
1975....	4.5	0.5	16.3	0.6	42.4	0.3	0.5	1.3	0.0	5.3	7.1	21.3
1976....	4.3	0.5	16.2	0.6	42.1	0.2	0.5	1.2	0.0	6.6	5.5	22.4
1977....	4.2	0.4	15.1	0.7	43.0	0.2	0.4	1.2	0.0	6.5	4.9	23.4
1978....	4.1	0.4	14.9	0.7	42.8	0.2	0.4	0.8	0.0	6.2	4.3	25.1
1979....	4.0	0.4	14.9	0.6	42.1	0.2	0.5	0.5	0.0	6.3	3.8	26.7
1980....	3.8	0.7	14.2	1.6	40.8	0.2	0.5	0.3	0.0	6.2	3.1	28.7
1981....	3.6	0.6	15.5	3.0	39.7	0.2	0.5	0.2	0.0	5.8	3.0	27.9
1982....	3.4	0.4	19.0	4.0	38.9	0.2	0.5	0.2	0.0	5.5	2.8	25.0
1983....	3.2	0.3	21.4	4.1	37.0	0.2	0.4	0.2	0.0	5.2	2.7	25.2
1984....	3.1	0.3	21.6	4.1	37.9	0.2	0.4	0.2	0.0	4.9	2.6	24.7
1985....	2.9	0.3	21.1	4.0	38.4	0.2	0.4	0.2	0.0	4.9	2.7	25.1
1986....	2.8	0.3	20.4	4.0	38.3	0.2	0.6	0.7	0.0	4.8	3.6	24.4

EEC - DG III / SOURCE : AEROSPATIALE

WORLD MILITARY HELICOPTER FLEET AT 31.12.83 (EXCLUDING USA AND WARSAW PACT)

1) FLEET

	AEROS.	AGUSTA	BOLKOW	WEST.	BELL	BOEING	HUGHES	SIKOR.	MIL	KAMOV	SOKO	FAF	VERTOL	HILLER	HAL	ICA	JAPAN	TOTAL
EUROPE....	1,709	848	412	621	593	43	73	137	141	8	100	56	9					4,750
ASIE-AUST.	258	3	74	79	758	11	340	77	660	29		99	49		373	8	485	3,303
AFRICA....	411	195	37	9	30		52		222	1					3	14		974
MID. EAST.	369	335	51	59	515		100	58	289	5				20			15	1,816
S.AMER....	163	32	17	18	446	2	65	27	165					11				946
CANADA....					134	7		32					13					186
TOTAL.....	2,910	1,413	591	786	2,476	63	630	331	1,477	43	100	155	71	31	376	22	500	11,975

2) BREAKDOWN INTO GEOGRAPHICAL AREAS (AS % OF TOTAL)

	AEROS.	AGUSTA	BOLKOW	WEST.	BELL	BOEING	HUGHES	SIKOR.	MIL	KAMOV	SOKO	FAF	VERTOL	HILLER	HAL	ICA	JAPAN
EUROPE....	36.0	17.9	8.7	13.1	12.5	0.9	1.5	2.9	3.0	0.2	2.1	1.2	0.2	0.0	0.0	0.0	0.0
ASIE-AUST.	7.8	0.1	2.2	2.4	22.9	0.3	10.3	2.3	20.0	0.9	0.0	3.0	1.5	0.0	11.3	0.2	14.7
AFRICA....	42.2	20.0	3.8	0.9	3.1	0.0	5.3	0.0	22.8	0.1	0.0	0.0	0.0	0.0	0.3	1.4	0.0
MID. EAST.	20.3	18.4	2.8	3.2	28.4	0.0	5.5	3.2	15.9	0.3	0.0	0.0	0.0	1.1	0.0	0.0	0.8
S.AMER....	17.2	3.4	1.8	1.9	47.1	0.2	6.9	2.9	17.4	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0
CANADA....	0.0	0.0	0.0	0.0	72.0	3.8	0.0	17.2	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0
TOTAL.....	24.3	11.8	4.9	6.6	20.7	0.5	5.3	2.8	12.3	0.4	0.8	1.3	0.6	0.3	3.1	0.2	4.2

EEC - DG III / SOURCE: AEROSPATIALE

CHAPTER 5

I N T E R N A T I O N A L T R A D E

1. The figures on external trade in aerospace products are obtained using the Nimexe tables supplied by the Statistical Office of the European Communities (SOEC-EUROSTAT).
2. The statistical data only concern the civil aerospace products and therefore exclude the military ones.
3. In order to simplify the presentation of the data concerning the trade on these products, four groups of products have been created to cover these NIMEXE positions, as follows:

- Airframes : 8801-10 - 8802-01 - 8802-15 - 8802-19 - 8802-33 - 8802-35 - 8802-39 - 8803-20 - 8803-40
8805-10 - 8805-40
- Engines : 8406-03 - 8406-14 - 8406-26 - 8406-92 - 8408-02 - 8408-04 - 8408-06 - 8408-12 - 8408-19
8408-20 - 8408-22 - 8408-32 - 8408-51 - 8408-60
- Equipment : 8453-01 - 8453-09 - 8514-10 - 8515-02 - 8515-06 - 8515-11 - 8515-63 - 8515-65 - 8515-67
8515-69 - 8515-75 - 8522-40 - 9014-01 - 9014-07 - 9014-12 - 9014-17 - 9014-23 - 9028-01
9028-03 - 9028-05 - 9028-07 - 9028-08 - 9028-09 - 9028-62 - 9029-02 - 9029-10
- Other Material : 3907-02 - 4009-10 - 4011-20 - 4016-10 - 6205-01 - 6813-38 - 6814-10 - 7008-01 - 7325-01
7338-01 - 8302-01 - 8307-10 - 8308-20 - 8407-01 - 8410-20 - 8411-01 - 8411-91 - 8412-20
8415-01 - 8418-51 - 8421-01 - 8422-01 - 8459-45 - 8463-01 - 8464-01 - 8501-01 - 8501-03
8501-04 - 8501-05 - 8501-06 - 8501-07 - 8508-20 - 8512-02 - 8512-11 - 8512-50 - 8517-20
8520-01 - 8522-81 - 8523-01 - 9018-10 - 9023-01 - 9024-10 - 9027-20 - 9103-10 - 9108-10
9401-02 - 9403-11 - 9403-15 - 9403-19

4. Data concerning the United Kingdom are not complete and do not allow the subdivision as indicated at paragraph 3.

Airframes

8801-10 Civil balloons and airships
8802-01 Civil gliders
8802-15 Civil helicopters of an unladen weight not exceeding 2,000 kg
8802-19 Civil helicopters of an unladen weight exceeding 2,000 kg
8802-33 Civil aircraft of an unladen weight not exceeding 2,000 kg
8802-35 Civil aircraft of an unladen weight exceeding 2,000 kg but not exceeding 15,000 kg
8802-39 Civil aircraft of an unladen weight exceeding 15,000 kg
8803-20 Parts of goods for use in civil balloons or airships
8803-40 Parts of goods for use in flying machines and gliders
8805-10 Catapults and similar aircraft launching gear; parts thereof
8805-40 Ground flying trainers; parts thereof

Engines

8406-03 Internal combustion piston engines
8406-14 Spark ignition engines of a cylinder capacity of 250 cm³ or less
8406-26 Other internal combustion piston engines
8406-92 Parts of engines
8408-02 Turbo-jets, developing a thrust of more than 44,000 N or less
8408-04 Turbo-jets, developing a thrust of more than 44,000 N but not more than 132,000 N
8408-06 Turbo-jets, developing a thrust of more than 132,000 N
8408-12 Other (for example, ram-jets, pulse jets, rocket engines)
8408-19 Turbo-propellers developing a power of 1,865 kW or less
8408-20 Turbo-propellers developing a power of more than 1,865 kW but not more than 3,730 kW
8408-22 Turbo-propellers developing a power of more than 3,730 kW
8408-32 Other reaction engines
8408-51 Other engines and motors
8408-60 Parts of reaction engines or of turbo-propellers

Equipment

- 8453-01 Automatic data processing machines (analog and hybrid) and units there of
- 8453-09 Automatic digital data processing machines, and units thereof
- 8514-10 Microphones and stands therefore; loudspeakers; audiofrequency electric amplifiers, excluding parts of such goods
- 8515-02 Radiotelegraphic and radiotelephonic transmitters
- 8515-06 Radiotelegraphic and radiotelephonic transmitters-receivers
- 8515-11 Radio receivers and radiotelegraphic and radiotelephonic apparatus
- 8515-63 Radio navigational receivers
- 8515-65 Radio altimeters
- 8515-67 Meteorological radars
- 8515-69 Other apparatus
- 8515-75 Assemblies and sub-assemblies consisting of two or more parts or pieces fastened or joined together, for apparatus falling within subheading 8515-6'
- 8522-40 Flight recorders
- 9014-01 Compasses
- 9014-07 Parts for gyroscopic compasses
- 9014-12 Optical air navigational instruments (excluding parts of such goods)
- 9014-17 Other air navigational instruments (including automatic pilots)
- 9014-23 Air navigational equipment
- 9028-01 Stall warning calculators
- 9028-03 Inertial navigation systems
- 9028-05 Ground proximity warning systems
- 9028-07 Terrestrial magnetic field detector apparatus operating by saturation of magnetic circuits (flux valve)
- 9028-08 Air conditioning regulators
- 9028-09 Other electronic equipment and apparatus
- 9028-62 Other electrical measuring, checking, analysing or automatically controlling instruments and apparatus
- 9029-02 Parts falling within heading 9028-0'
- 9029-10 Other parts falling within heading 9028-0'

Other Material

- 3907-02 Articles in high polymers, artificial resins and artificial plastic materials
- 4009-10 Piping and tubing of unhardened vulcanised rubber with fittings attached, suitable for conducting gases or liquids
- 4011-20 Pneumatic tyres
- 4016-10 Piping and tubing, with fittings attached, suitable for conducting gases or liquids (ebonite and vulcanite)
- 6205-01 Escape chutes
- 6813-38 Fabricated asbestos and articles thereof
- 6814-10 Friction material (segments, discs, washers, strips, plates, rolls and the like) of a kind suitable for brakes, for clutches or the like, with a basis of asbestos
- 7008-01 Windscreens, not framed
- 7325-01 Stranded wire, cables, cordage, ropes, plaited bands, slings and the like, of iron or steel wire, but excluding insulated electric cables, with fittings attached or made up into articles
- 7338-01 Sanitary ware (excluding parts thereof)
- 8302-01 Base metal fittings and mountings (excluding automatic door closers)
- 8307-10 Lamps and lighting fittings, of base metal, and parts thereof, of base metal
- 8308-20 Flexible tubing and piping, of base metal, with fittings attached
- 8407-01 Hydraulic engines and motors
- 8410-20 Pumps
- 8411-01 Pumps and compressors
- 8411-91 Fans, blowers and the like
- 8412-20 Air conditioning machines
- 8415-01 Refrigerators and refrigerating equipment (excluding parts thereof)
- 8418-51 Machinery and apparatus (excluding parts thereof)
- 8421-01 Fire extinguishers, charged or not (excluding parts thereof)
- 8422-01 Lifting, handling, loading or unloading machinery, telfers and conveyors (excluding parts thereof)
- 8459-45 Hydropneumatic spherical batteries; mechanical actuators for thrust reversers; toilet units specially designed for aircraft; servo-mechanisms, non electric; starter motors; pneumatic starters for jet engines; windscreen wipers, non electric; non-electric propeller regulators
- 8463-01 Transmission shafts, cranks, bearing housings, plain shaft bearings, gears and gearing, flywheels, pulleys and pulley blocks, clutches and shaft couplings
- 8464-01 Gaskets and similar joints of metal sheeting combined with other material
- 8501-01 Motors of an output of not less than 0.75 kW, but less than 150 kW
- 8501-03 Generators
- 8501-04 Rotary converters
- 8501-05 Static converters, rectifiers and rectifying apparatus

8501-06 Transformers
8501-07 Inductors
8508-20 Electrical starting and ignition equipment for internal combustion engines (including ignition magnetos, magneto-dynamos, ignition couls, starter motors, sparking plugs and glow plugs); generators (dynamos and alternators) and cut-outs for use in conjunction with such engines
8512-02 Electric instantaneous or storage water heaters and immersion heaters, excluding parts of such goods
8512-11 Electric soil heating apparatus and electric space heating apperatus, excluding parts of such goods
8512-50 Electric cooking stoves, ranges, ovens and food carmers (excluding parts thereof)
8517-20 Electric sound or visually signalling apparatus (such as bells, sirens, indicator panels, burglar and fire alarms), excluding parts of such goods
8520-01 Sealed beams
8522-81 Assemblies and sub-assemblies consisting of two or more parts or pieces fastened or joined together, for flight recorders
8523-01 Ignition wiring sets and wiring sets
9018-10 Gas masks and similar respirators (excluding parts thereof)
9023-01 Thermometers
9024-10 Instruments and apparatus for measuring, checking or automatically controlling the flow, depth, pressure of liquids or gases, or for automatically controlling temperature (for example, pressure gauges, thermostats, level gauges, flow meters, heat meters, automatic oventdraught regulators)
9027-20 Speed indicators and tachometers
9103-10 Clocks with clock movements measuring less than 4,5 cm in width and clocks with watch movements
9108-10 Clock movements, assembled, without dials or hands, or with dials or hands whether or not assembled thereon, constructed or designed to operate for over 47 hours without rewinding, having more than one jewel
9401-02 Chairs and other seats, not leather covered (excluding parts thereof)
9403-11 Furniture of base metal (excluding parts thereof)
9403-15 Furniture of wood (excluding parts thereof)
9403-19 Furniture of other materials (excluding parts thereof)

1) IMPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL (*)		
		EXTRA EEC	USA	JAPAN
1981	7,205,5	80,6	55,3	0,1
1982	8,154,8	80,0	39,9	0,2
1983	8,794,0	77,5	40,5	0,4
1984	10,093,4	80,1	42,2	0,2
1985	10,062,1	79,6	52,5	0,1
1986	8,850,1	77,5	60,5	0,1

2) EXPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL (*)		
		EXTRA EEC	USA	JAPAN
1981	5,505,9	73,5	18,1	1,5
1982	7,424,7	79,7	17,3	1,5
1983	9,274,5	76,4	16,4	2,0
1984	11,923,0	80,7	18,6	0,2
1985	11,186,4	80,7	31,7	1,4
1986	10,330,9	78,7	27,2	1,4

3) BALANCE (MIO ECU)

	TOTAL	UK: AIRFRAMES NOT INCLUDED		
		EXTRA EEC	USA	JAPAN
1981	-1,699,6	-1,763,5	-2,990,6	80,6
1982	-730,1	-604,0	-1,973,4	96,3
1983	480,5	264,5	-2,046,9	153,3
1984	1,829,6	1,544,5	-2,047,9	8,5
1985	1,124,2	1,014,9	-1,734,2	147,4
1986	1,480,7	1,273,6	-2,543,7	134,2

EEC - DG III / SOURCE : EUROSTAT

(*) UNITED KINGDOM: AIRFRAMES NOT INCLUDED

CIVIL AEROSPACE TRADE - EEC-10 : AIRFRAMES

1) IMPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL (*)		
		EXTRA EEC	USA	JAPAN
1981	4,898,4	81,7	47,4	0,0
1982	5,553,2	79,3	23,3	0,2
1983	5,639,7	76,0	22,7	0,5
1984	6,198,6	77,9	23,9	0,2
1985	5,935,2	76,9	39,4	0,0
1986	4,793,4	75,2	53,0	0,1

2) EXPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL (*)		
		EXTRA EEC	USA	JAPAN
1981	4,444,0	76,4	15,9	1,7
1982	5,795,2	82,8	12,5	1,7
1983	6,927,9	78,1	8,8	2,6
1984	8,774,2	83,1	10,0	0,2
1985	7,156,9	81,3	21,0	1,9
1986	6,016,3	81,9	12,9	2,0

3) BALANCE (MIO ECU)

	TOTAL	UK: AIRFRAMES NOT INCLUDED		
		EXTRA EEC	USA	JAPAN
1981	- 454,4	- 609,0	-1,614,9	75,1
1982	242,1	396,5	- 569,9	89,6
1983	1,288,2	1,119,1	- 673,1	152,0
1984	2,575,7	2,463,0	- 604,6	8,4
1985	1,221,7	1,253,3	- 831,8	133,7
1986	1,222,9	1,325,1	-1,763,7	116,0

EEC - DG III / SOURCE : EUROSTAT

(*) UNITED KINGDOM: AIRFRAMES NOT INCLUDED

CIVIL AEROSPACE TRADE - EEC-10 : ENGINES

1) IMPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	1,623,2	81,7	76,1	0,0
1982	1,836,2	85,2	79,4	0,1
1983	2,286,1	82,1	74,4	0,0
1984	2,928,1	85,4	72,5	0,0
1985	3,089,5	85,4	71,9	0,1
1986	2,994,6	82,5	70,8	0,1

2) EXPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	563,2	62,4	36,3	1,1
1982	1,056,8	71,6	43,0	0,7
1983	1,701,8	75,4	47,2	0,2
1984	2,391,9	78,3	50,2	0,2
1985	3,148,7	84,1	58,8	0,4
1986	3,371,3	78,3	54,5	0,5

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	-1,060,0	- 974,7	-1,030,9	6,0
1982	- 779,4	- 808,7	-1,003,9	6,0
1983	- 584,3	- 593,9	- 898,1	3,4
1984	- 536,2	- 627,1	- 921,5	5,2
1985	59,2	9,3	- 370,1	8,5
1986	376,7	168,9	- 282,8	16,8

EEC - DG III / SOURCE : EUROSTAT

CIVIL AEROSPACE TRADE - EEC-10 : EQUIPMENT

1) IMPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	444,4	73,9	66,2	0,2
1982	511,1	77,5	70,0	0,1
1983	619,5	77,2	69,2	0,1
1984	678,7	78,4	69,8	0,1
1985	710,7	77,9	69,4	0,1
1986	728,2	74,9	66,5	0,3

2) EXPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	324,6	58,3	18,2	0,7
1982	342,5	60,9	19,0	0,7
1983	399,7	59,5	18,6	0,6
1984	476,6	60,5	19,5	0,5
1985	552,4	62,7	22,2	0,6
1986	597,3	61,5	22,6	0,7

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	- 119,9	- 139,1	- 235,1	1,6
1982	- 168,6	- 187,6	- 292,8	1,9
1983	- 219,8	- 240,7	- 354,0	1,8
1984	- 202,1	- 243,5	- 380,7	1,5
1985	- 158,3	- 207,5	- 370,5	2,4
1986	- 130,8	- 178,5	- 349,3	1,8

EEC - DG III / SOURCE : EUROSTAT

CIVIL AEROSPACE TRADE - EEC-10 : OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	239,5	63,3	56,4	1,3
1982	254,4	62,9	56,0	0,9
1983	248,7	70,4	61,1	1,9
1984	288,0	77,1	63,4	2,7
1985	326,7	77,6	68,7	1,4
1986	334,0	70,9	63,4	1,3

2) EXPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	174,1	63,6	14,6	0,6
1982	230,2	67,7	15,5	0,4
1983	245,1	63,3	12,3	0,3
1984	280,2	62,1	14,8	0,4
1985	328,3	65,0	19,1	2,3
1986	346,0	56,4	18,5	1,1

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	-65,3	-40,7	- 109,7	-2,1
1982	-24,2	-4,2	- 106,8	-1,2
1983	-3,6	-20,0	- 121,7	-3,9
1984	-7,8	-47,9	- 141,1	-6,6
1985	1,6	-40,2	- 161,8	2,8
1986	12,0	-41,9	- 147,9	-0,5

EEC - DG III / SOURCE : EUROSTAT

CIVIL AEROSPACE TRADE : BELGIUM LUXEMBOURG

AIRFRAMES - ENGINES - EQUIPMENT - OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	246.8	52.8	28.1	0.2
1982	273.4	44.7	29.6	0.2
1983	270.9	50.9	47.3	0.7
1984	386.5	52.5	41.3	0.5
1985	282.8	67.3	61.3	1.0
1986	441.8	71.2	68.2	0.2

2) EXPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	84.3	67.1	4.9	0.1
1982	107.9	60.9	3.5	0.0
1983	126.3	59.8	3.7	0.1
1984	158.6	67.3	12.4	0.0
1985	198.7	64.2	7.3	0.1
1986	195.8	54.1	6.5	0.0

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	- 162.5	-73.7	-65.2	-0.5
1982	- 165.5	-56.6	-77.2	-0.6
1983	- 144.7	-62.4	- 123.5	-1.7
1984	- 227.9	-96.1	- 139.8	-1.9
1985	-84.1	-62.8	- 158.7	-2.6
1986	- 246.0	- 208.6	- 288.4	-1.0

EEC - DG III / SOURCE: EUROSTAT

CIVIL AEROSPACE TRADE : DENMARK

AIRFRAMES - ENGINES - EQUIPMENT - OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	350.5	96.8	91.6	0.0
1982	214.0	98.5	93.6	0.0
1983	120.0	94.6	91.5	0.0
1984	92.8	92.5	85.5	0.0
1985	384.7	76.6	71.9	0.0
1986	272.2	82.8	75.8	0.1

2) EXPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	33.6	50.3	20.7	0.0
1982	41.6	79.6	14.0	0.0
1983	29.4	48.2	20.1	0.0
1984	12.3	71.9	25.7	0.0
1985	105.4	7.4	2.2	0.0
1986	60.1	6.4	1.2	0.2

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	- 316.9	- 322.4	- 314.2	-0.0
1982	- 172.5	- 177.7	- 194.6	-0.0
1983	-90.6	-99.4	- 103.9	-0.0
1984	-80.5	-77.0	-76.2	-0.0
1985	- 279.3	- 287.1	- 274.5	-0.0
1986	- 212.0	- 221.5	- 205.5	-0.1

EEC - DG III / SOURCE: EUROSTAT

CIVIL AEROSPACE TRADE : FRG

AIRFRAMES - ENGINES - EQUIPMENT - OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	1,564.8	69.9	65.7	0.2
1982	1,295.5	60.3	53.9	0.9
1983	1,382.4	59.3	49.4	2.2
1984	1,577.8	62.3	47.4	0.9
1985	2,035.4	69.8	57.7	0.1
1986	2,086.8	68.2	58.4	0.1

2) EXPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	954.4	32.3	14.5	0.3
1982	1,163.0	30.6	12.1	0.3
1983	1,430.6	37.4	12.3	0.6
1984	1,496.6	44.0	15.1	0.4
1985	1,456.5	57.5	22.7	0.7
1986	1,444.7	54.3	27.9	0.6

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	- 610.4	- 785.4	- 890.3	0.5
1982	- 132.5	- 425.7	- 558.1	-8.1
1983	48.2	- 283.9	- 507.9	-22.6
1984	-81.1	- 324.3	- 521.4	-7.6
1985	- 579.0	- 582.9	- 843.3	7.2
1986	- 642.1	- 639.4	- 815.3	6.3

EEC - DG III / SOURCE: EUROSTAT

CIVIL AEROSPACE TRADE : FRANCE

AIRFRAMES - ENGINES - EQUIPMENT - OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	1,844.8	78.4	74.7	0.0
1982	1,931.2	71.3	67.2	0.0
1983	2,140.5	71.0	67.1	0.0
1984	2,077.5	69.5	64.6	0.0
1985	2,170.2	84.4	75.2	0.0
1986	2,322.2	76.4	71.6	0.0

2) EXPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	2,089.7	76.5	27.1	3.7
1982	3,110.6	91.8	27.6	3.1
1983	3,132.8	75.2	22.7	5.6
1984	4,394.8	81.1	22.3	0.4
1985	4,366.0	81.0	39.3	3.0
1986	3,574.8	84.3	34.1	3.0

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	245.0	153.4	- 812.1	78.1
1982	1,179.4	1,477.2	- 438.1	97.4
1983	992.3	835.6	- 724.8	174.2
1984	2,317.3	2,119.2	- 362.7	15.2
1985	2,195.7	1,703.1	85.6	131.7
1986	1,252.6	1,238.5	- 443.4	108.3

EEC - DG III / SOURCE: EUROSTAT

CIVIL AEROSPACE TRADE : GREECE

AIRFRAMES - ENGINES - EQUIPMENT - OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	29.7	59.8	54.6	1.7
1982	22.3	59.8	54.1	1.2
1983	9.4	37.9	24.7	7.8
1984	8.3	18.6	14.1	1.8
1985	41.7	1.6	0.6	0.4
1986	44.8	94.2	1.9	0.1

2) EXPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	2.0	75.6	74.3	0.0
1982	21.3	74.3	72.8	0.0
1983	1.6	78.5	72.3	0.0
1984	2.5	1.5	0.0	0.0
1985	0.3	62.7	6.0	0.0
1986	0.7	44.4	0.0	0.0

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	-27.7	-16.2	-14.7	-0.5
1982	-1.0	2.5	3.4	-0.3
1983	-7.8	-2.3	-1.2	-0.7
1984	-5.8	-1.5	-1.2	-0.2
1985	-41.5	-0.5	-0.2	-0.1
1986	-44.1	-41.9	-0.8	-0.1

EEC - DG III / SOURCE: EUROSTAT

CIVIL AEROSPACE TRADE : IRELAND

AIRFRAMES - ENGINES - EQUIPMENT - OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	60.4	59.6	56.7	0.1
1982	53.2	63.5	62.0	0.0
1983	62.9	68.4	67.1	0.0
1984	102.2	65.2	62.0	0.0
1985	155.3	68.1	63.7	0.0
1986	164.1	73.3	61.0	0.0

2) EXPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	30.4	60.5	18.4	0.1
1982	33.8	51.1	8.0	0.0
1983	40.5	55.5	22.2	0.0
1984	73.3	55.6	11.7	0.0
1985	84.4	53.9	12.6	0.0
1986	104.4	59.0	35.9	0.1

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	-30.0	-17.6	-28.6	-0.0
1982	-19.4	-16.6	-30.3	-0.0
1983	-22.4	-20.6	-33.2	-0.0
1984	-28.8	-25.8	-54.8	0.0
1985	-70.9	-60.3	-88.3	0.0
1986	-59.7	-58.7	-62.6	0.1

EEC - DG III / SOURCE: EUROSTAT

CIVIL AEROSPACE TRADE : ITALY

AIRFRAMES - ENGINES - EQUIPMENT - OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	539.1	79.3	76.4	0.0
1982	311.6	70.9	66.1	0.0
1983	246.4	85.3	73.8	0.0
1984	625.5	91.9	80.2	0.1
1985	877.5	89.4	71.8	0.0
1986	526.9	79.1	69.1	0.3

2) EXPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	290.2	74.1	23.4	0.1
1982	195.5	58.0	30.2	0.3
1983	343.6	73.2	42.7	0.1
1984	549.2	76.9	45.3	0.1
1985	479.8	77.3	37.3	0.4
1986	427.7	40.1	20.7	1.6

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	- 249.0	- 212.4	- 343.8	0.1
1982	- 116.1	- 107.5	- 146.8	0.5
1983	97.1	41.5	-35.3	0.3
1984	-76.3	- 152.5	- 252.8	-0.1
1985	- 397.7	- 414.2	- 451.3	1.8
1986	-99.2	- 245.7	- 275.9	5.7

EEC - DG III / SOURCE: EUROSTAT

CIVIL AEROSPACE TRADE : NETHERLANDS

AIRFRAMES - ENGINES - EQUIPMENT - OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	477.3	60.3	53.6	0.0
1982	471.6	56.2	51.4	0.0
1983	909.4	49.3	42.4	0.0
1984	882.2	57.5	50.2	0.0
1985	895.5	35.4	31.9	0.0
1986	901.1	72.2	66.7	0.1

2) EXPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL		
		EXTRA EEC	USA	JAPAN
1981	463.2	81.4	35.3	0.0
1982	425.7	72.5	23.2	0.0
1983	677.8	81.6	29.8	0.0
1984	688.1	78.7	36.8	0.1
1985	637.5	83.2	58.2	0.0
1986	637.6	78.3	40.5	0.2

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	-14.0	88.9	-92.5	-0.1
1982	-45.9	43.9	-143.3	-0.0
1983	-231.6	104.6	-183.5	-0.2
1984	-194.1	34.2	-189.1	0.4
1985	-258.0	213.7	85.6	-0.2
1986	-263.5	-150.6	-343.2	0.1

EEC - DG III / SOURCE: EUROSTAT

CIVIL AEROSPACE TRADE : UNITED-KINGDOM

AIRFRAMES - ENGINES - EQUIPMENT - OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL / AIRFRAMES NOT INCLUDED		
		EXTRA EEC	USA	JAPAN
1981	2,092.1	97.0	22.6	0.0
1982	3,582.1	97.7	13.5	0.0
1983	3,652.2	96.5	16.3	0.0
1984	4,340.7	97.1	21.3	0.0
1985	3,218.9	95.2	31.3	0.1
1986	2,090.4	90.5	43.1	0.2

2) EXPORTS

	TOTAL (MIO ECU)	AS % OF TOTAL / AIRFRAMES NOT INCLUDED		
		EXTRA EEC	USA	JAPAN
1981	1,558.1	93.2	2.8	0.2
1982	2,325.4	92.7	4.1	0.4
1983	3,492.1	93.8	7.5	0.1
1984	4,547.6	94.2	10.4	0.1
1985	3,857.9	92.5	23.8	0.3
1986	3,885.1	89.9	20.4	0.5

3) BALANCE (MIO ECU)

	TOTAL	AIRFRAMES NOT INCLUDED		
		EXTRA EEC	USA	JAPON
1981	- 534.0	- 578.0	- 429.1	3.0
1982	-1,256.7	-1,343.6	- 388.4	7.4
1983	- 160.2	- 248.7	- 333.7	4.1
1984	206.9	68.3	- 450.0	2.6
1985	638.9	505.8	- 89.1	9.7
1986	1,794.7	1,601.6	- 108.5	15.0

CHAPTER 6

T U R N O V E R O F T H E A E R O S P A C E I N D U S T R Y

1. The survey carried out each year in conjunction with the industrial associations in each Member State enables the turnover of the European aerospace industry to be broken down by type of customer and sector. Participants to this survey are the aerospace companies whose turnover concerns (partly or entirely) one or more of the groups of products listed in the columns of the tables.

Where data relating to international cooperation programmes are concerned, only the turnover which corresponds to that part of these programmes which concerns the national industry (i.e. after deduction of that part of the turnover which concerns other countries) should be included in the total turnover. This applies both to the country which markets the product and the country which supplies part of the product to the country which markets it. In all cases, the turnover is entered under the heading "END-USERS".

However, standardization problems of the accounting methods remain and may affect turnover at the EEC level.

Turnover on behalf of international public organizations (e.g. ESA) is entered under the heading "STATE". In this case too, only the turnover corresponding to that part of these programmes which concerns the national industry is included in the national turnover.

2. The turnover is broken down:

- by group of products and
- by category of customer (civil and military).

The groups of products considered are as follows:

(a) COMPLETE AEROSPACE SYSTEMS:

- AIRCRAFT (aeroplane, helicopters and gliders), MISSILES, their parts and spares.
- SPACE (space vehicles, satellites, launchers, ground installations, etc.).

(b) PROPULSION DEVICES

(Piston engines, turboprops, turbojets, etc.), their parts and spares, equipment and accessories, for installation in the aerospace systems mentioned under (a).

(c) EQUIPMENT

Equipment for the aerospace systems mentioned under (a) (finished products, parts and spares, sub-assemblies) including test and ground-training equipment.

The breakdown of turnover between the different categories of customer is carried out as follows:

- STATE : sales or services (including research and development) to the State (public authorities) in which the company is established;
- AEROSPACE INDUSTRY: sales or services (including research and development) to other aerospace companies (generally sub-contracting);
- END-USERS : sales or services (including research and development), i.e. neither to the State nor to other aerospace companies.

In the case of the "AEROSPACE INDUSTRY" and "END-USERS", turnover is broken down between:

- NATIONAL : sales or services in the country in which the company is established,
- COMMUNITY : sales or services in one of the other EEC countries (Belgium, Denmark, Federal Republic of Germany, Spain, France, Greece, Ireland, Italy, Luxembourg, Netherlands and Portugal),
- OTHER COUNTRIES : sales or services in a non-EEC country.

3. The activities considered concern:

- research and development contracts,
- production, assembly,
- post-delivery modifications and repairs and maintenance of material sold, where these operations are carried out by the company itself.

Repair and maintenance operations carried out by users, whether civil or military, are not covered by this survey.

The breakdown of turnover between:

- research and development,
- post-delivery modifications, repairs and maintenance carried out by the company itself and,
- sales.

is given only for the category of customer "STATE".

For the other two categories of customer, "AEROSPACE INDUSTRY" and "END-USERS", the data refer to all these activities.

4. A distinction should be made between the following:

- TOTAL TURNOVER

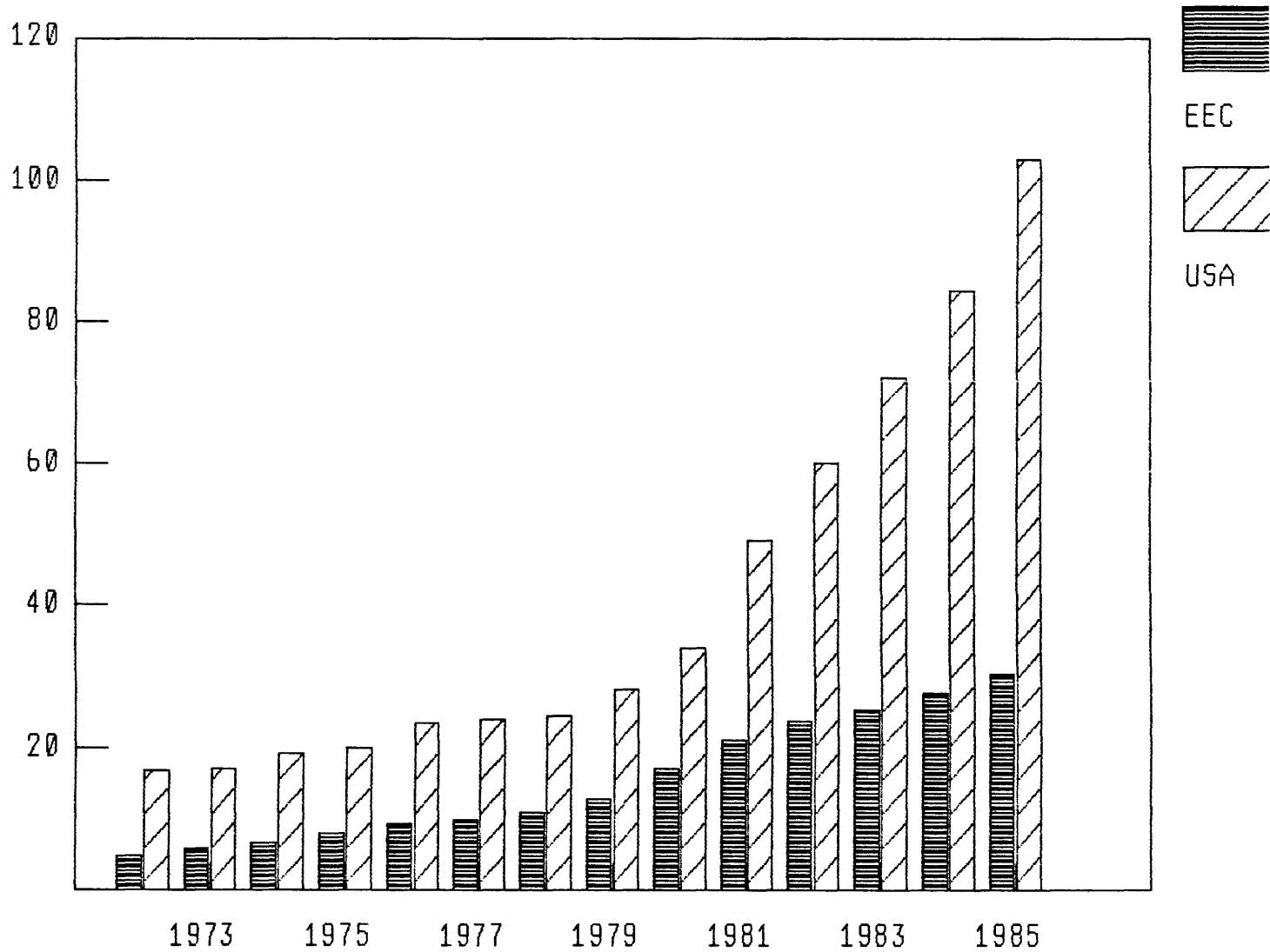
This includes transactions between national aerospace companies. Consequently, it does not indicate the output of the aerospace sector as such, since it includes intermediate exchanges at national level.

- FINAL NATIONAL TURNOVER

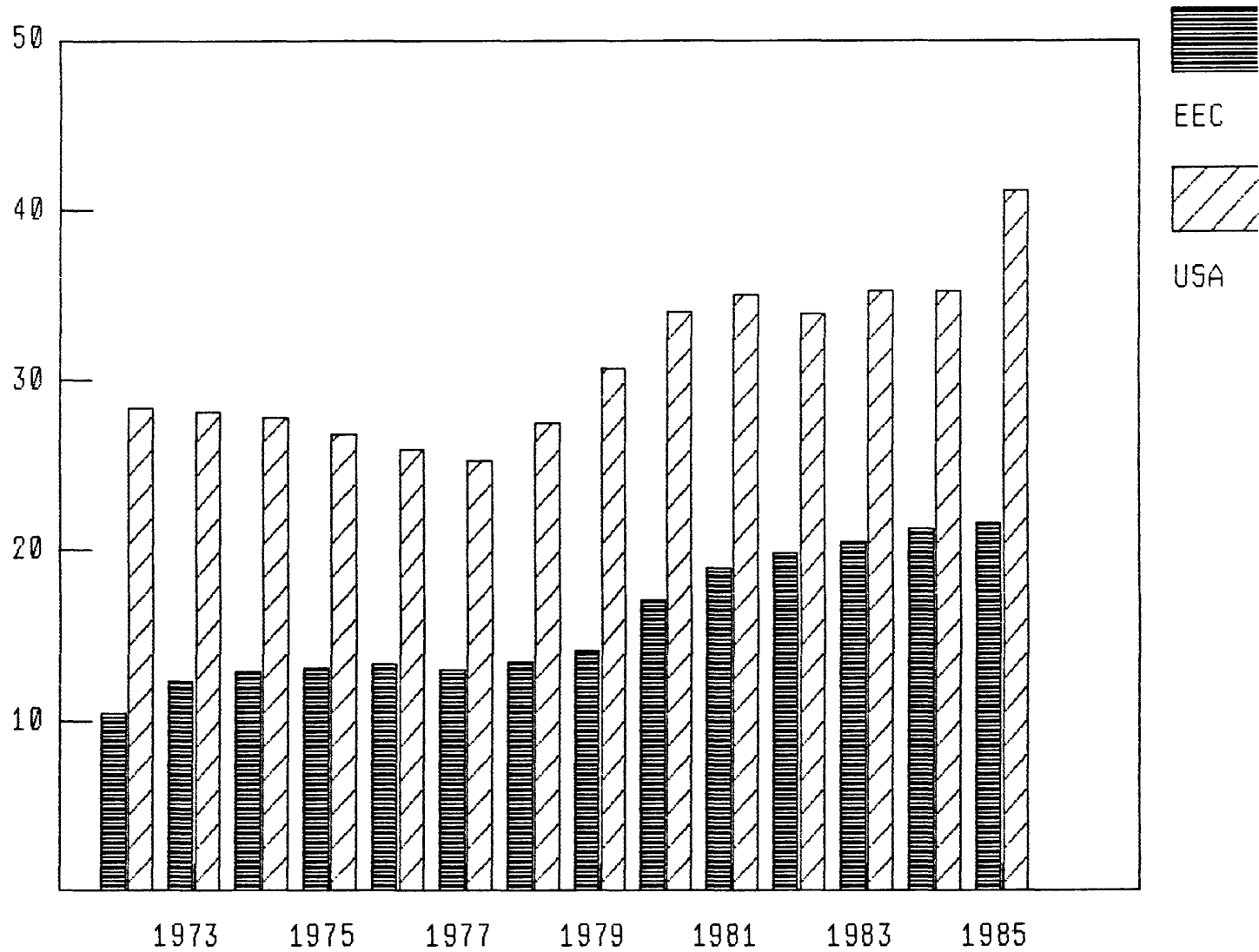
This does not include transactions between national aerospace companies, and so represents the output of the aerospace sector as such.

The difference between total turnover and final national turnover therefore represents the sale of aerospace goods and services between national companies in the various sub-sectors (aircraft, space, propulsion devices and equipment) and between national companies in the same sub-sectors (e.g. contracting between airframe manufacturers for certain sub-assemblies).

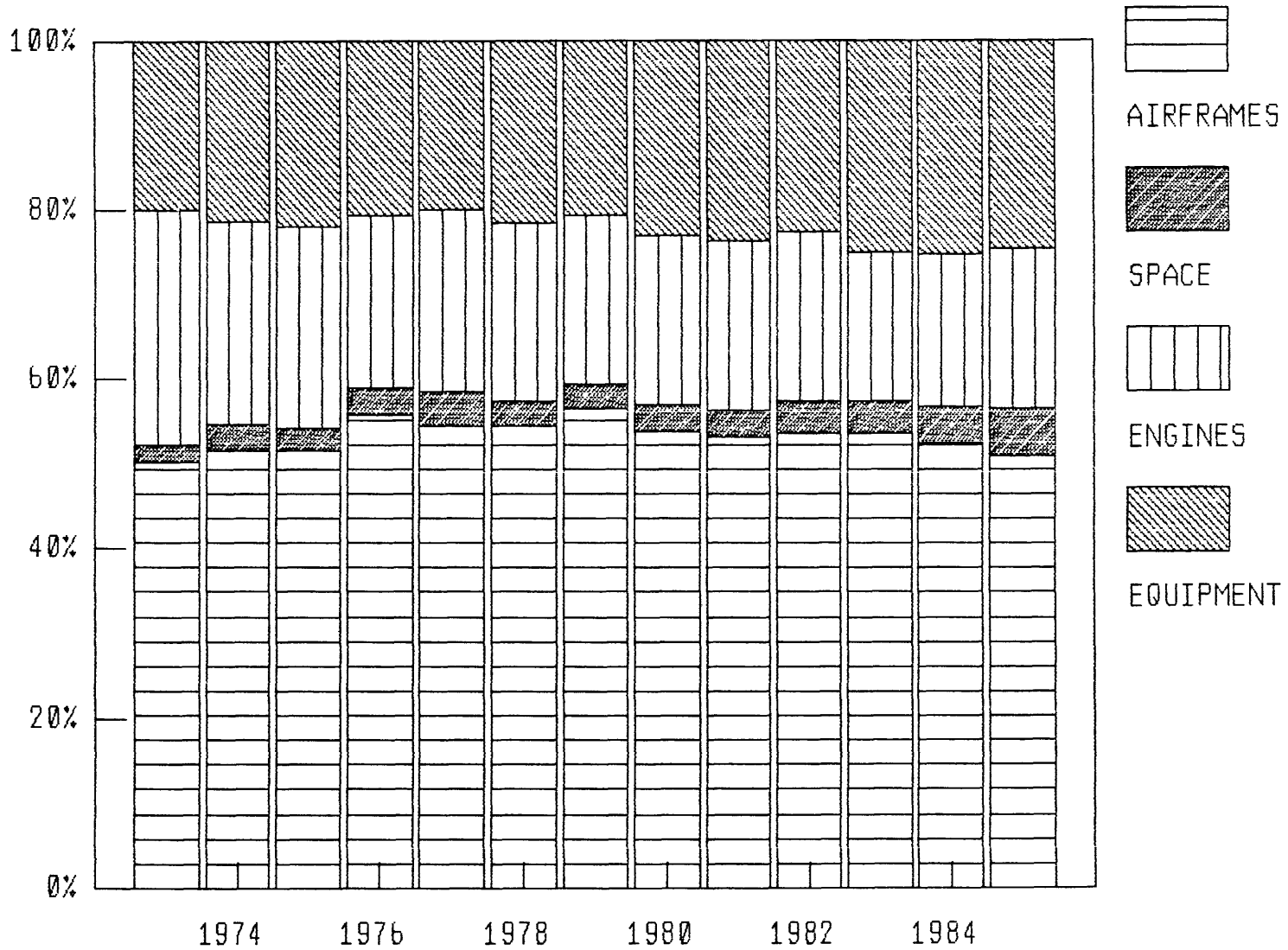
TURNOVER (BN ECUS)



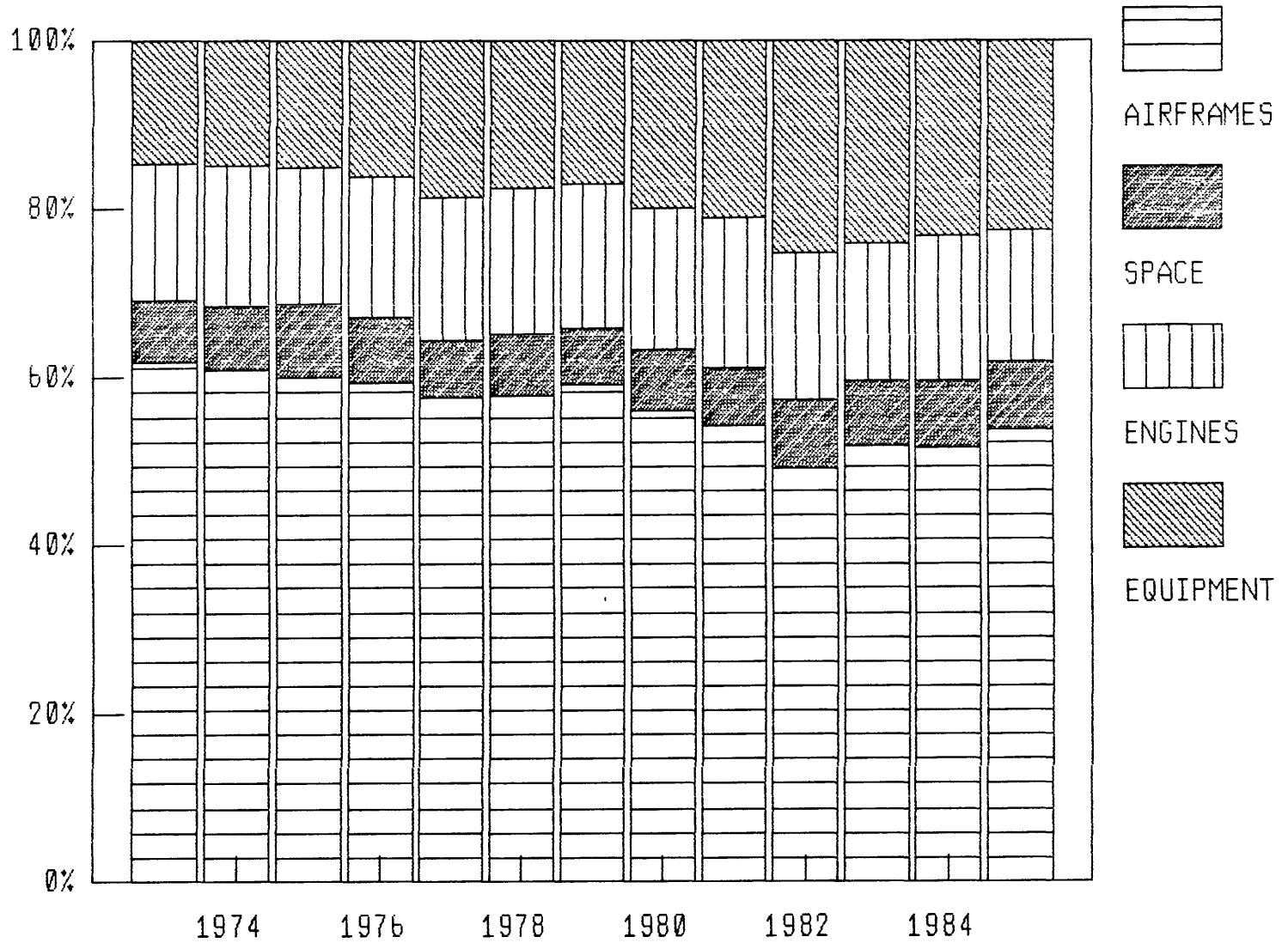
TURNOVER (BN 1980 ECUS)



EEC 10 TURNOVER



USA TURNOVER



OVERALL NATIONAL TURNOVER

1) MIO ECU - CURRENT PRICES

	BE	DE	FR	IT	NL	UK	EEC 10	ES	USA	JAPAN	CANADA
1973	61	1,339	2,377	371	159	2,667	6,973	-	17,019	-	537
1974	74	1,518	2,669	395	133	2,880	7,669	-	19,101	-	625
1975	100	1,436	3,640	598	228	3,359	9,362	-	19,891	889	622
1976	114	1,815	4,658	623	279	3,547	11,037	-	23,269	1,064	762
1977	118	1,735	4,790	708	286	3,866	11,503	-	23,846	1,127	783
1978	146	1,984	5,076	814	288	4,407	12,713	132	24,453	1,440	791
1979	218	3,077	5,767	990	338	4,702	15,092	131	28,059	1,278	1,032
1980	333	3,359	7,270	1,230	372	7,646	20,210	184	34,041	1,273	1,352
1981	429	4,114	8,821	1,757	445	9,581	25,146	262	49,118	1,686	2,199
1982	413	5,084	9,813	2,181	492	10,080	28,063	354	59,945	2,540	2,292
1983	344	5,380	10,827	2,661	605	10,015	29,831	346	72,021	2,914	2,352
1984	287	5,628	11,729	2,767	594	11,210	32,214	-	84,171	3,642	2,869
1985	361	6,524	12,555	3,070	533	12,034	35,079	-	102,762	4,652	-

2) COMPARISON OF TURNOVER BY GEOGRAPHICAL AREA (EEC 10=100)

	BE	DE	FR	IT	NL	UK	EEC 10	ES	USA	JAPAN	CANADA
1973	0.9	19.2	34.1	5.3	2.3	38.3	100.0	-	244.1	-	7.7
1974	1.0	19.8	34.8	5.1	1.7	37.6	100.0	-	249.1	-	8.1
1975	1.1	15.3	38.9	6.4	2.4	35.9	100.0	-	212.5	9.5	6.6
1976	1.0	16.4	42.2	5.6	2.5	32.1	100.0	-	210.8	9.6	6.9
1977	1.0	15.1	41.6	6.2	2.5	33.6	100.0	-	207.3	9.8	6.8
1978	1.1	15.6	39.9	6.4	2.3	34.7	100.0	1.0	192.3	11.3	6.2
1979	1.4	20.4	38.2	6.6	2.2	31.2	100.0	0.9	185.9	8.5	6.8
1980	1.6	16.6	36.0	6.1	1.8	37.8	100.0	0.9	168.4	6.3	6.7
1981	1.7	16.4	35.1	7.0	1.8	38.1	100.0	1.0	195.3	6.7	8.7
1982	1.5	18.1	35.0	7.8	1.8	35.9	100.0	1.3	213.6	9.1	8.2
1983	1.2	18.0	36.3	8.9	2.0	33.6	100.0	1.2	241.4	9.8	7.9
1984	0.9	17.5	36.4	8.6	1.8	34.8	100.0	-	261.3	11.3	8.9
1985	1.0	18.6	35.8	8.8	1.5	34.3	100.0	-	292.9	13.3	-

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

OVERALL NATIONAL TURNOVER

3) GROWTH RATE OF TURNOVER (IN % - CONSTANT PRICES)

	BE	DE	FR	IT	NL	UK	EEC 10	ES	USA	JAPAN	CANADA
1973		39.2	-	-2.5	-13.5	20.6		-	-0.5	-	-6.6
1974	13.0	1.1	16.4	-8.9	-36.2	2.2	5.3	-	-1.2	-	-3.8
1975	12.3	-14.2	4.0	24.7	56.8	3.8	2.7	-	-3.5	-	-1.9
1976	2.0	9.9	6.3	-7.3	0.4	-3.0	2.0	-	-3.7	6.1	-1.5
1977	-8.6	-11.1	0.2	14.8	-5.0	-6.6	-3.7	-	-2.3	-4.0	6.3
1978	17.5	3.3	3.4	11.5	-0.4	0.9	2.9	-	8.7	12.4	14.1
1979	50.8	49.7	4.2	15.6	11.5	-7.5	7.1	-20.1	11.7	1.6	31.0
1980	49.2	7.0	13.1	14.1	6.0	37.9	20.6	34.1	11.0	6.6	20.0
1981	36.2	17.9	16.2	38.4	24.8	-1.6	11.6	30.7	2.8	-2.4	20.7
1982	0.3	10.8	4.9	22.1	-4.1	-2.3	4.6	24.4	-3.2	42.6	-13.5
1983	-19.6	-2.1	8.1	14.5	18.9	-2.3	3.2	3.8	4.1	4.0	-11.0
1984	-18.2	-1.2	1.9	-3.4	7.4	6.1	1.9	-	-0.1	11.4	9.6
1985	22.2	11.6	-3.5	6.3	-14.5	-0.1	1.1	-	16.9	21.9	-
	BE	DE	FR	IT	NL	UK	EEC 10	ES	USA	JAPAN	CANADA
1973-85	10.8	5.8	6.1	11.1	3.2	1.7	4.8	-	3.2	-	-

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

FINAL NATIONAL TURNOVER

1) MIO ECU - CURRENT PRICES

	BE	DE	FR	IT	NL	UK	EEC 10	ES	USA	JAPAN	CANADA
1972	40	678	1,529	354	173	2,101	4,875	-	16,806	-	586
1973	61	1,077	1,994	352	159	2,321	5,963	-	17,019	-	537
1974	74	1,195	2,263	353	133	2,496	6,514	-	19,101	-	625
1975	99	1,216	2,928	493	228	2,896	7,859	-	19,891	889	622
1976	111	1,530	3,734	491	279	3,105	9,250	-	23,269	1,064	762
1977	114	1,432	3,927	567	286	3,425	9,751	-	23,846	1,127	783
1978	132	1,705	4,214	623	285	3,889	10,847	132	24,453	1,440	791
1979	215	2,590	4,732	773	337	4,029	12,676	131	28,059	1,278	1,032
1980	320	2,710	5,992	1,028	371	6,648	17,068	184	34,041	1,273	1,352
1981	426	3,317	7,245	1,526	441	8,153	21,108	262	49,118	1,686	2,199
1982	409	4,112	7,982	1,866	486	8,706	23,561	354	59,945	2,540	2,292
1983	339	4,272	8,904	2,220	595	8,895	25,226	346	72,021	2,914	2,352
1984	284	4,515	9,967	2,332	584	9,890	27,572	-	84,171	3,642	2,869
1985	360	5,319	10,782	2,611	533	10,660	30,265	-	102,762	4,652	-

2) COMPARISON OF TURNOVER BY GEOGRAPHICAL AREA (EEC 10=100)

	BE	DE	FR	IT	NL	UK	EEC 10	ES	USA	JAPAN	CANADA
1972	0.8	13.9	31.4	7.3	3.5	43.1	100.0	-	344.7	-	12.0
1973	1.0	18.1	33.4	5.9	2.7	38.9	100.0	-	285.4	-	9.0
1974	1.1	18.3	34.7	5.4	2.0	38.3	100.0	-	293.2	-	9.6
1975	1.3	15.5	37.2	6.3	2.9	36.8	100.0	-	253.1	11.3	7.9
1976	1.2	16.5	40.4	5.3	3.0	33.6	100.0	-	251.6	11.5	8.2
1977	1.2	14.7	40.3	5.8	2.9	35.1	100.0	-	244.5	11.6	8.0
1978	1.2	15.7	38.8	5.7	2.6	35.8	100.0	1.2	225.4	13.3	7.3
1979	1.7	20.4	37.3	6.1	2.7	31.8	100.0	1.0	221.4	10.1	8.1
1980	1.9	15.9	35.1	6.0	2.2	38.9	100.0	1.1	199.4	7.5	7.9
1981	2.0	15.7	34.3	7.2	2.1	38.6	100.0	1.2	232.7	8.0	10.4
1982	1.7	17.5	33.9	7.9	2.1	37.0	100.0	1.5	254.4	10.8	9.7
1983	1.3	16.9	35.3	8.8	2.4	35.3	100.0	1.4	285.5	11.6	9.3
1984	1.0	16.4	36.1	8.5	2.1	35.9	100.0	-	305.3	13.2	10.4
1985	1.2	17.6	35.6	8.6	1.8	35.2	100.0	-	339.5	15.4	-

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

FINAL NATIONAL TURNOVER

3) GROWTH RATE OF TURNOVER (IN % - CONSTANT PRICES)

	BE	DE	FR	IT	NL	UK	EEC 10	ES	USA	JAPAN	CANADA
1972	-40.5	-23.5	1.9	44.9	29.8	17.2	5.6	-	-2.6	-	-
1973	51.3	40.5	15.2	-0.4	-13.5	17.8	17.9	-	-0.5	-	-6.6
1974	12.7	-1.1	17.7	-14.2	-36.2	1.8	4.6	-	-1.2	-	-3.8
1975	11.4	-7.7	-1.4	15.2	56.8	3.2	1.5	-	-3.5	-	-1.9
1976	0.6	9.4	5.9	-11.6	0.4	-1.5	2.1	-	-3.7	6.1	-1.5
1977	-9.3	-12.9	2.4	16.9	-5.0	-5.5	-2.8	-	-2.3	-4.0	6.3
1978	9.9	7.5	4.7	6.6	-1.3	0.5	3.4	-	8.7	12.4	14.1
1979	64.6	46.6	3.0	17.8	11.9	-10.2	5.3	-20.1	11.7	1.6	31.0
1980	45.1	2.6	13.7	22.3	6.3	39.9	21.3	34.1	11.0	6.6	20.0
1981	40.8	17.8	15.8	43.7	23.9	-3.7	10.9	30.7	2.8	-2.4	20.7
1982	0.1	11.1	3.9	20.3	-4.4	-0.9	4.5	24.4	-3.2	42.6	-13.5
1983	-19.9	-3.9	9.3	11.7	18.6	0.5	3.9	3.8	4.1	4.0	-11.0
1984	-17.8	-0.2	5.3	-2.4	7.3	5.4	3.3	-	-0.1	11.4	9.6
1985	22.9	13.4	-2.4	7.3	-13.0	0.3	1.9	-	16.9	21.9	-

	BE	DE	FR	IT	NL	UK	EEC 10	ES	USA	JAPAN	CANADA
1972-85	13.5	8.3	7.0	9.2	1.8	3.0	5.8	-	2.9	-	-

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

BREAKDOWN OF OVERALL TURNOVER BY SUBSECTOR (AS % OF TOTAL)

1) EEC 10

	SUBSECTORS				DESTINATION	
	AIRFRAMES MISSILES	ENGINES	EQUIPMENT	SPACE	CIVIL	MILITARY
1973	50.3	27.5	20.1	2.1	34.2	65.8
1974	51.5	23.9	21.3	3.2	32.3	67.7
1975	51.7	23.6	22.0	2.7	31.7	68.3
1976	55.9	20.5	20.6	3.1	30.7	69.3
1977	54.6	21.5	20.0	3.9	30.1	69.9
1978	54.5	21.1	21.7	2.8	28.6	71.4
1979	56.6	20.0	20.6	2.8	28.9	71.1
1980	53.9	19.8	23.2	3.1	29.9	70.1
1981	53.2	20.0	23.8	3.1	29.7	70.3
1982	53.7	20.0	22.6	3.7	30.0	70.0
1983	53.6	17.5	25.1	3.8	32.1	67.9
1984	52.6	18.0	25.3	4.0	31.7	68.3
1985	51.0	18.9	24.7	5.4	33.4	66.6

2) USA

	SUBSECTORS				DESTINATION	
	AIRFRAMES MISSILES	ENGINES	EQUIPMENT	SPACE	CIVIL	MILITARY
1973	61.7	16.0	14.8	7.5	41.0	59.0
1974	60.8	16.6	14.9	7.7	41.9	58.1
1975	60.0	16.3	15.1	8.6	40.2	59.8
1976	59.5	16.7	16.1	7.7	41.0	59.0
1977	57.5	17.1	18.6	6.9	39.0	61.0
1978	57.7	17.2	17.6	7.5	39.6	60.4
1979	59.2	17.0	17.1	6.6	52.7	47.3
1980	56.1	16.5	20.0	7.3	52.4	47.6
1981	54.2	17.7	21.0	7.0	46.5	53.5
1982	49.2	17.4	25.3	8.1	36.4	63.6
1983	52.0	16.2	24.2	7.7	34.8	65.2
1984	51.7	17.1	23.3	7.9	31.3	68.7
1985	53.8	15.5	22.7	8.0	32.6	67.4

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

BREAKDOWN OF OVERALL TURNOVER BY SUBSECTOR (AS % OF TOTAL)

3) JAPAN

	SUBSECTORS				DESTINATION	
	AIRFRAMES MISSILES	ENGINES	EQUIPMENT	SPACE	CIVIL	MILITARY
1973	-	-	-	-	-	-
1974	-	-	-	-	-	-
1975	46.8	14.1	12.3	26.8	36.0	64.0
1976	45.3	15.3	10.4	29.0	36.9	63.1
1977	46.3	15.9	13.2	24.6	32.8	67.2
1978	44.1	14.9	13.6	27.4	37.2	62.8
1979	43.3	14.7	15.2	26.9	37.4	62.6
1980	40.1	14.8	13.6	31.5	43.5	56.5
1981	42.9	15.0	12.7	29.4	44.8	55.2
1982	45.6	14.1	13.1	27.3	43.9	56.1
1983	44.2	13.5	14.7	27.7	43.4	56.6
1984	47.8	15.0	15.5	21.7	35.4	64.6
1985	48.1	14.3	14.1	23.5	35.5	64.5

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

BREAKDOWN OF EEC 10 OVERALL TURNOVER (MIO ECUS)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	3,816	3,804	4,294	5,395	6,494	6,679	7,190	8,072	9,179	10,476
- R-D CONTRACTS.....	1,566	1,278	1,419	1,848	2,034	2,056	2,145	2,489	2,846	3,069
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	535	586	643	789	1,035	1,130	1,222	1,206	1,569	1,648
- SALES.....	1,715	1,940	2,233	2,758	3,425	3,492	3,823	4,377	4,764	5,759
AEROSPACE MANUFACTURERS.....	3,507	3,571	4,086	5,245	7,454	10,332	11,783	12,653	13,187	12,805
- NATIONAL.....	1,787	1,752	1,866	2,417	3,141	4,038	4,502	4,605	4,642	4,814
- EEC 10.....	1,337	1,483	1,737	2,125	3,068	4,574	5,449	6,204	6,341	5,045
- NON-MEMBER COUNTRIES.....	383	336	483	704	1,245	1,720	1,832	1,844	2,204	2,947
FINAL USERS.....	3,714	4,128	4,333	4,452	6,261	8,135	9,089	9,107	9,848	11,797
- NATIONAL.....	785	733	689	621	847	878	911	850	1,123	1,420
- EEC 10.....	481	489	353	495	1,033	1,008	1,161	928	951	1,264
- NON-MEMBER COUNTRIES.....	2,449	2,906	3,291	3,336	4,382	6,250	7,017	7,329	7,774	9,114
TOTAL.....	11,037	11,503	12,713	15,092	20,210	25,146	28,063	29,831	32,214	35,079
PUBLIC INTERNAL MARKET.....(1)..	4,112	4,094	4,452	5,552	7,115	7,234	7,889	8,557	9,564	10,858
COMMERCIAL INTERNAL MARKET....(2)..	4,093	4,166	4,488	5,500	7,469	9,942	11,324	12,101	12,673	12,160
EXPORTS.....(3)..	2,832	3,243	3,773	4,040	5,626	7,970	8,849	9,173	9,978	12,061

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) STATE + EEC 10 FINAL MILITARY USERS

(2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS

(3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF EEC 10 OVERALL TURNOVER (AS % OF TOTAL)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	34.6	33.1	33.8	35.7	32.1	26.6	25.6	27.1	28.5	29.9
- R-D CONTRACTS.....	14.2	11.1	11.2	12.2	10.1	8.2	7.6	8.3	8.8	8.7
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	4.9	5.1	5.1	5.2	5.1	4.5	4.4	4.0	4.9	4.7
- SALES.....	15.5	16.9	17.6	18.3	16.9	13.9	13.6	14.7	14.8	16.4
AEROSPACE MANUFACTURERS.....	31.8	31.0	32.1	34.8	36.9	41.1	42.0	42.4	40.9	36.5
- NATIONAL.....	16.2	15.2	14.7	16.0	15.5	16.1	16.0	15.4	14.4	13.7
- EEC 10.....	12.1	12.9	13.7	14.1	15.2	18.2	19.4	20.8	19.7	14.4
- NON-MEMBER COUNTRIES.....	3.5	2.9	3.8	4.7	6.2	6.8	6.5	6.2	6.8	8.4
FINAL USERS.....	33.6	35.9	34.1	29.5	31.0	32.4	32.4	30.5	30.6	33.6
- NATIONAL.....	7.1	6.4	5.4	4.1	4.2	3.5	3.2	2.8	3.5	4.0
- EEC 10.....	4.4	4.2	2.8	3.3	5.1	4.0	4.1	3.1	3.0	3.6
- NON-MEMBER COUNTRIES.....	22.2	25.3	25.9	22.1	21.7	24.9	25.0	24.6	24.1	26.0
TOTAL.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PUBLIC INTERNAL MARKET.....(1)..	37.3	35.6	35.0	36.8	35.2	28.8	28.1	28.7	29.7	31.0
COMMERCIAL INTERNAL MARKET....(2)..	37.1	36.2	35.3	36.4	37.0	39.5	40.4	40.6	39.3	34.7
EXPORTS.....(3)..	25.7	28.2	29.7	26.8	27.8	31.7	31.5	30.7	31.0	34.4

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) STATE + EEC 10 FINAL MILITARY USERS

(2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS

(3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF EEC 10 OVERALL TURNOVER (MIO ECUS)

	CIVIL SECTOR (% OF TOTAL)									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	366	412	393	729	572	560	667	813	704	891
- R-D CONTRACTS.....	259	232	196	187	332	275	340	333	349	538
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	31	30	34	41	65	67	58	64	57	74
- SALES.....	76	150	163	500	175	219	268	415	298	279
AEROSPACE MANUFACTURERS.....	1,378	1,301	1,328	1,739	2,773	3,607	4,490	4,884	5,084	5,063
- NATIONAL.....	677	580	663	901	1,389	1,495	1,642	1,887	1,781	2,036
- EEC 10.....	486	514	396	467	701	1,123	1,813	1,938	1,898	1,369
- NON-MEMBER COUNTRIES.....	215	207	269	372	683	990	1,035	1,059	1,405	1,658
FINAL USERS.....	1,646	1,754	1,915	1,897	2,706	3,304	3,265	3,884	4,434	5,753
- NATIONAL.....	785	733	689	621	847	878	911	850	1,123	1,420
- EEC 10.....	185	199	196	338	412	452	462	442	565	881
- NON-MEMBER COUNTRIES.....	677	822	1,031	938	1,447	1,975	1,892	2,592	2,745	3,451
TOTAL.....	3,390	3,467	3,636	4,365	6,052	7,471	8,422	9,581	10,221	11,707
PUBLIC INTERNAL MARKET.....(1)...	366	412	393	729	572	560	667	813	704	891
COMMERCIAL INTERNAL MARKET....(2)...	2,132	2,026	1,943	2,326	3,349	3,947	4,828	5,117	5,367	5,707
EXPORTS.....(3)...	892	1,029	1,300	1,310	2,130	2,965	2,927	3,652	4,150	5,109

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) STATE + EEC 10 FINAL MILITARY USERS

(2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS

(3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF EEC 10 OVERALL TURNOVER (AS % OF SECTORAL TURNOVER)

	CIVIL SECTOR (% OF TOTAL)									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	10.8	11.9	10.8	16.7	9.5	7.5	7.9	8.5	6.9	7.6
- R-D CONTRACTS.....	7.6	6.7	5.4	4.3	5.5	3.7	4.0	3.5	3.4	4.6
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	0.9	0.9	0.9	0.9	1.1	0.9	0.7	0.7	0.6	0.6
- SALES.....	2.3	4.3	4.5	11.5	2.9	2.9	3.2	4.3	2.9	2.4
AEROSPACE MANUFACTURERS.....	40.6	37.5	36.5	39.8	45.8	48.3	53.3	51.0	49.7	43.2
- NATIONAL.....	20.0	16.7	18.2	20.6	23.0	20.0	19.5	19.7	17.4	17.4
- EEC 10.....	14.3	14.8	10.9	10.7	11.6	15.0	21.5	20.2	18.6	11.7
- NON-MEMBER COUNTRIES.....	6.3	6.0	7.4	8.5	11.3	13.3	12.3	11.1	13.7	14.2
FINAL USERS.....	48.6	50.6	52.7	43.5	44.7	44.2	38.8	40.5	43.4	49.1
- NATIONAL.....	23.1	21.1	18.9	14.2	14.0	11.7	10.8	8.9	11.0	12.1
- EEC 10.....	5.4	5.7	5.4	7.7	6.8	6.0	5.5	4.6	5.5	7.5
- NON-MEMBER COUNTRIES.....	20.0	23.7	28.3	21.5	23.9	26.4	22.5	27.1	26.9	29.5
TOTAL.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PUBLIC INTERNAL MARKET.....(1)..	10.8	11.9	10.8	16.7	9.5	7.5	7.9	8.5	6.9	7.6
COMMERCIAL INTERNAL MARKET....(2)..	62.9	58.4	53.4	53.3	55.3	52.8	57.3	53.4	52.5	48.7
EXPORTS.....(3)..	26.3	29.7	35.8	30.0	35.2	39.7	34.8	38.1	40.6	43.6

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) STATE + EEC 10 FINAL MILITARY USERS

(2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS

(3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF EEC 10 OVERALL TURNOVER (AS % OF TOTAL)

	CIVIL SECTOR (% OF TOTAL)									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	3.3	3.6	3.1	4.8	2.8	2.2	2.4	2.7	2.2	2.5
- R-D CONTRACTS.....	2.3	2.0	1.5	1.2	1.6	1.1	1.2	1.1	1.1	1.5
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
- SALES.....	0.7	1.3	1.3	3.3	0.9	0.9	1.0	1.4	0.9	0.8
AEROSPACE MANUFACTURERS.....	12.5	11.3	10.4	11.5	13.7	14.3	16.0	16.4	15.8	14.4
- NATIONAL.....	6.1	5.0	5.2	6.0	6.9	5.9	5.9	6.3	5.5	5.8
- EEC 10.....	4.4	4.5	3.1	3.1	3.5	4.5	6.5	6.5	5.9	3.9
- NON-MEMBER COUNTRIES.....	1.9	1.8	2.1	2.5	3.4	3.9	3.7	3.6	4.4	4.7
FINAL USERS.....	14.9	15.2	15.1	12.6	13.4	13.1	11.6	13.0	13.8	16.4
- NATIONAL.....	7.1	6.4	5.4	4.1	4.2	3.5	3.2	2.8	3.5	4.0
- EEC 10.....	1.7	1.7	1.5	2.2	2.0	1.8	1.6	1.5	1.8	2.5
- NON-MEMBER COUNTRIES.....	6.1	7.1	8.1	6.2	7.2	7.9	6.7	8.7	8.5	9.8
TOTAL.....	30.7	30.1	28.6	28.9	29.9	29.7	30.0	32.1	31.7	33.4
PUBLIC INTERNAL MARKET.....(1)..	3.3	3.6	3.1	4.8	2.8	2.2	2.4	2.7	2.2	2.5
COMMERCIAL INTERNAL MARKET....(2)..	19.3	17.6	15.3	15.4	16.6	15.7	17.2	17.2	16.7	16.3
EXPORTS.....(3)..	8.1	8.9	10.2	8.7	10.5	11.8	10.4	12.2	12.9	14.6

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

- (1) STATE + EEC 10 FINAL MILITARY USERS
- (2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS
- (3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF EEC 10 OVERALL TURNOVER (MIO ECUS)

	MILITARY SECTOR (% OF TOTAL)									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	3,451	3,392	3,902	4,666	5,922	6,119	6,523	7,259	8,475	9,585
- R-D CONTRACTS.....	1,307	1,046	1,222	1,661	1,702	1,782	1,805	2,155	2,497	2,531
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	505	556	609	748	970	1,064	1,164	1,142	1,512	1,574
- SALES.....	1,639	1,789	2,071	2,258	3,250	3,274	3,554	3,962	4,466	5,480
AEROSPACE MANUFACTURERS.....	2,129	2,270	2,758	3,506	4,681	6,725	7,294	7,769	8,104	7,742
- NATIONAL.....	1,110	1,172	1,203	1,516	1,752	2,544	2,860	2,719	2,861	2,777
- EEC 10.....	851	969	1,342	1,658	2,367	3,451	3,636	4,266	4,444	3,675
- NON-MEMBER COUNTRIES.....	168	129	213	332	562	730	797	784	799	1,290
FINAL USERS.....	2,068	2,374	2,418	2,555	3,555	4,831	5,824	5,222	5,415	6,045
- NATIONAL.....	-	-	-	-	-	-	-	-	-	-
- EEC 10.....	296	290	158	157	621	556	699	486	386	382
- NON-MEMBER COUNTRIES.....	1,771	2,084	2,260	2,398	2,935	4,275	5,125	4,737	5,029	5,663
TOTAL.....	7,647	8,036	9,077	10,727	14,158	17,675	19,641	20,250	21,993	23,372
PUBLIC INTERNAL MARKET.....(1)...	3,747	3,682	4,060	4,824	6,542	6,674	7,222	7,745	8,860	9,967
COMMERCIAL INTERNAL MARKET....(2)...	1,961	2,141	2,545	3,174	4,119	5,995	6,496	6,984	7,305	6,453
EXPORTS.....(3)...	1,939	2,213	2,473	2,729	3,496	5,006	5,922	5,521	5,828	6,952

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) STATE + EEC 10 FINAL MILITARY USERS

(2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS

(3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF EEC 10 OVERALL TURNOVER (AS % OF SECTORAL TURNOVER)

	MILITARY SECTOR (% OF TOTAL)									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	45.1	42.2	43.0	43.5	41.8	34.6	33.2	35.8	38.5	41.0
- R-D CONTRACTS.....	17.1	13.0	13.5	15.5	12.0	10.1	9.2	10.6	11.4	10.8
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	6.6	6.9	6.7	7.0	6.9	6.0	5.9	5.6	6.9	6.7
- SALES.....	21.4	22.3	22.8	21.0	23.0	18.5	18.1	19.6	20.3	23.4
AEROSPACE MANUFACTURERS.....	27.8	28.2	30.4	32.7	33.1	38.0	37.1	38.4	36.8	33.1
- NATIONAL.....	14.5	14.6	13.3	14.1	12.4	14.4	14.6	13.4	13.0	11.9
- EEC 10.....	11.1	12.1	14.8	15.5	16.7	19.5	18.5	21.1	20.2	15.7
- NON-MEMBER COUNTRIES.....	2.2	1.6	2.3	3.1	4.0	4.1	4.1	3.9	3.6	5.5
FINAL USERS.....	27.0	29.5	26.6	23.8	25.1	27.3	29.7	25.8	24.6	25.9
- NATIONAL.....	-	-	-	-	-	-	-	-	-	-
- EEC 10.....	3.9	3.6	1.7	1.5	4.4	3.1	3.6	2.4	1.8	1.6
- NON-MEMBER COUNTRIES.....	23.2	25.9	24.9	22.4	20.7	24.2	26.1	23.4	22.9	24.2
TOTAL.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PUBLIC INTERNAL MARKET.....(1)..	49.0	45.8	44.7	45.0	46.2	37.8	36.8	38.2	40.3	42.6
COMMERCIAL INTERNAL MARKET....(2)..	25.6	26.6	28.0	29.6	29.1	33.9	33.1	34.5	33.2	27.6
EXPORTS.....(3)..	25.4	27.5	27.2	25.4	24.7	28.3	30.2	27.3	26.5	29.7

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) STATE + EEC 10 FINAL MILITARY USERS

(2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS

(3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF EEC 10 OVERALL TURNOVER (AS % OF TOTAL)

	MILITARY SECTOR (% OF TOTAL)									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	31.3	29.5	30.7	30.9	29.3	24.3	23.2	24.3	26.3	27.3
- R-D CONTRACTS.....	11.8	9.1	9.6	11.0	8.4	7.1	6.4	7.2	7.8	7.2
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	4.6	4.8	4.8	5.0	4.8	4.2	4.1	3.8	4.7	4.5
- SALES.....	14.8	15.6	16.3	15.0	16.1	13.0	12.7	13.3	13.9	15.6
AEROSPACE MANUFACTURERS.....	19.3	19.7	21.7	23.2	23.2	26.7	26.0	26.0	25.2	22.1
- NATIONAL.....	10.1	10.2	9.5	10.0	8.7	10.1	10.2	9.1	8.9	7.9
- EEC 10.....	7.7	8.4	10.6	11.0	11.7	13.7	13.0	14.3	13.8	10.5
- NON-MEMBER COUNTRIES.....	1.5	1.1	1.7	2.2	2.8	2.9	2.8	2.6	2.5	3.7
FINAL USERS.....	18.7	20.6	19.0	16.9	17.6	19.2	20.8	17.5	16.8	17.2
- NATIONAL.....	-	-	-	-	-	-	-	-	-	-
- EEC 10.....	2.7	2.5	1.2	1.0	3.1	2.2	2.5	1.6	1.2	1.1
- NON-MEMBER COUNTRIES.....	16.0	18.1	17.8	15.9	14.5	17.0	18.3	15.9	15.6	16.1
TOTAL.....	69.3	69.9	71.4	71.1	70.1	70.3	70.0	67.9	68.3	66.6
PUBLIC INTERNAL MARKET.....(1)..	33.9	32.0	31.9	32.0	32.4	26.5	25.7	26.0	27.5	28.4
COMMERCIAL INTERNAL MARKET....(2)..	17.8	18.6	20.0	21.0	20.4	23.8	23.1	23.4	22.7	18.4
EXPORTS.....(3)..	17.6	19.2	19.5	18.1	17.3	19.9	21.1	18.5	18.1	19.8

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) STATE + EEC 10 FINAL MILITARY USERS

(2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS

(3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF EEC 10 OVERALL TURNOVER (MIO ECUS)

AIRFRAME AND MISSILES SECTOR										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	2,127	2,010	2,439	3,513	3,637	3,627	3,739	4,151	4,419	5,481
- R-D CONTRACTS.....	961	592	749	1,168	1,092	1,131	1,132	1,312	1,567	1,617
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	289	304	328	472	544	592	644	611	802	819
- SALES.....	877	1,114	1,362	1,873	2,002	1,904	1,963	2,228	2,051	3,045
AEROSPACE MANUFACTURERS.....	1,220	1,219	1,494	2,031	3,001	3,950	4,707	5,354	5,320	4,278
- NATIONAL.....	488	454	536	737	938	1,212	1,356	1,441	1,340	1,310
- EEC 10.....	665	692	822	1,076	1,706	2,369	2,858	3,535	3,589	2,246
- NON-MEMBER COUNTRIES.....	67	73	136	218	357	369	493	379	391	722
FINAL USERS.....	2,821	3,049	2,997	2,996	4,252	5,789	6,612	6,471	7,202	8,115
- NATIONAL.....	517	462	328	245	349	410	473	335	500	569
- EEC 10.....	304	257	163	218	592	514	714	548	495	773
- NON-MEMBER COUNTRIES.....	2,000	2,330	2,505	2,532	3,311	4,864	5,425	5,588	6,206	6,773
TOTAL.....	6,168	6,278	6,930	8,539	10,890	13,365	15,058	15,976	16,941	17,874
PUBLIC INTERNAL MARKET.....(1)..	2,335	2,204	2,498	3,573	4,060	3,981	4,247	4,454	4,673	5,745
COMMERCIAL INTERNAL MARKET....(2)..	1,767	1,671	1,790	2,216	3,162	4,151	4,892	5,555	5,670	4,633
EXPORTS.....(3)..	2,067	2,402	2,642	2,750	3,668	5,233	5,918	5,967	6,598	7,495

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

- (1) STATE + EEC 10 FINAL MILITARY USERS
- (2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS
- (3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF EEC 10 OVERALL TURNOVER (AS % OF SECTORAL TURNOVER)

AIRFRAME AND MISSILES SECTOR										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	34.5	32.0	35.2	41.1	33.4	27.1	24.8	26.0	26.1	30.7
- R-D CONTRACTS.....	15.6	9.4	10.8	13.7	10.0	8.5	7.5	8.2	9.2	9.0
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	4.7	4.8	4.7	5.5	5.0	4.4	4.3	3.8	4.7	4.6
- SALES.....	14.2	17.7	19.7	21.9	18.4	14.2	13.0	13.9	12.1	17.0
AEROSPACE MANUFACTURERS.....	19.8	19.4	21.6	23.8	27.6	29.6	31.3	33.5	31.4	23.9
- NATIONAL.....	7.9	7.2	7.7	8.6	8.6	9.1	9.0	9.0	7.9	7.3
- EEC 10.....	10.8	11.0	11.9	12.6	15.7	17.7	19.0	22.1	21.2	12.6
- NON-MEMBER COUNTRIES.....	1.1	1.2	2.0	2.6	3.3	2.8	3.3	2.4	2.3	4.0
FINAL USERS.....	45.7	48.6	43.2	35.1	39.0	43.3	43.9	40.5	42.5	45.4
- NATIONAL.....	8.4	7.4	4.7	2.9	3.2	3.1	3.1	2.1	3.0	3.2
- EEC 10.....	4.9	4.1	2.4	2.6	5.4	3.8	4.7	3.4	2.9	4.3
- NON-MEMBER COUNTRIES.....	32.4	37.1	36.2	29.7	30.4	36.4	36.0	35.0	36.6	37.9
TOTAL.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PUBLIC INTERNAL MARKET.....(1)...	37.8	35.1	36.0	41.8	37.3	29.8	28.2	27.9	27.6	32.1
COMMERCIAL INTERNAL MARKET....(2)...	28.6	26.6	25.8	25.9	29.0	31.1	32.5	34.8	33.5	25.9
EXPORTS.....(3)...	33.5	38.3	38.1	32.2	33.7	39.2	39.3	37.3	38.9	41.9

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) STATE + EEC 10 FINAL MILITARY USERS

(2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS

(3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF EEC 10 OVERALL TURNOVER (AS % OF TOTAL)

AIRFRAME AND MISSILES SECTOR										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	19.3	17.5	19.2	23.3	18.0	14.4	13.3	13.9	13.7	15.6
- R-D CONTRACTS.....	8.7	5.1	5.9	7.7	5.4	4.5	4.0	4.4	4.9	4.6
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	2.6	2.6	2.6	3.1	2.7	2.4	2.3	2.0	2.5	2.3
- SALES.....	7.9	9.7	10.7	12.4	9.9	7.6	7.0	7.5	6.4	8.7
AEROSPACE MANUFACTURERS.....	11.1	10.6	11.7	13.5	14.8	15.7	16.8	17.9	16.5	12.2
- NATIONAL.....	4.4	3.9	4.2	4.9	4.6	4.8	4.8	4.8	4.2	3.7
- EEC 10.....	6.0	6.0	6.5	7.1	8.4	9.4	10.2	11.9	11.1	6.4
- NON-MEMBER COUNTRIES.....	0.6	0.6	1.1	1.4	1.8	1.5	1.8	1.3	1.2	2.1
FINAL USERS.....	25.6	26.5	23.6	19.8	21.0	23.0	23.6	21.7	22.4	23.1
- NATIONAL.....	4.7	4.0	2.6	1.6	1.7	1.6	1.7	1.1	1.6	1.6
- EEC 10.....	2.8	2.2	1.3	1.4	2.9	2.0	2.5	1.8	1.5	2.2
- NON-MEMBER COUNTRIES.....	18.1	20.3	19.7	16.8	16.4	19.3	19.3	18.7	19.3	19.3
TOTAL.....	55.9	54.6	54.5	56.6	53.9	53.2	53.7	53.6	52.6	51.0
PUBLIC INTERNAL MARKET.....(1)..	21.2	19.2	19.6	23.7	20.1	15.8	15.1	14.9	14.5	16.4
COMMERCIAL INTERNAL MARKET....(2)..	16.0	14.5	14.1	14.7	15.6	16.5	17.4	18.6	17.6	13.2
EXPORTS.....(3)..	18.7	20.9	20.8	18.2	18.1	20.8	21.1	20.0	20.5	21.4

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) STATE + EEC 10 FINAL MILITARY USERS

(2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS

(3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF EEC 10 OVERALL TURNOVER (MIO ECUS)

	ENGINE SECTOR									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	836	922	913	905	1,207	1,164	1,267	1,241	1,352	1,335
- R-D CONTRACTS.....	300	364	344	358	290	324	346	375	286	318
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	123	145	153	162	280	287	310	312	372	355
- SALES.....	412	412	416	385	637	553	610	555	694	662
AEROSPACE MANUFACTURERS.....	963	964	1,065	1,354	1,722	2,704	2,966	2,828	3,250	3,476
- NATIONAL.....	355	385	339	510	627	877	975	738	775	951
- EEC 10.....	426	438	511	556	573	1,041	1,156	1,205	1,398	1,263
- NON-MEMBER COUNTRIES.....	183	142	216	288	522	786	836	885	1,078	1,262
FINAL USERS.....	459	589	699	761	1,062	1,149	1,394	1,165	1,212	1,822
- NATIONAL.....	138	162	203	221	286	234	214	294	237	293
- EEC 10.....	67	81	52	71	164	146	213	143	124	108
- NON-MEMBER COUNTRIES.....	255	346	443	469	611	769	967	728	851	1,420
TOTAL.....	2,258	2,475	2,677	3,020	3,991	5,017	5,627	5,234	5,814	6,633
PUBLIC INTERNAL MARKET.....(1)..	879	967	947	960	1,331	1,276	1,343	1,319	1,419	1,364
COMMERCIAL INTERNAL MARKET....(2)..	942	1,021	1,070	1,303	1,528	2,186	2,481	2,301	2,466	2,587
EXPORTS.....(3)..	437	487	659	756	1,133	1,555	1,803	1,613	1,928	2,682

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) STATE + EEC 10 FINAL MILITARY USERS

(2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS

(3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF EEC 10 OVERALL TURNOVER (AS % OF SECTORAL TURNOVER)

	ENGINE SECTOR									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	37.0	37.2	34.1	30.0	30.2	23.2	22.5	23.7	23.3	20.1
- R-D CONTRACTS.....	13.3	14.7	12.9	11.8	7.3	6.5	6.2	7.2	4.9	4.8
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	5.5	5.9	5.7	5.4	7.0	5.7	5.5	6.0	6.4	5.4
- SALES.....	18.3	16.7	15.5	12.7	15.9	11.0	10.8	10.6	11.9	10.0
AEROSPACE MANUFACTURERS.....	42.6	39.0	39.8	44.8	43.1	53.9	52.7	54.0	55.9	52.4
- NATIONAL.....	15.7	15.6	12.7	16.9	15.7	17.5	17.3	14.1	13.3	14.3
- EEC 10.....	18.9	17.7	19.1	18.4	14.4	20.7	20.5	23.0	24.0	19.0
- NON-MEMBER COUNTRIES.....	8.1	5.7	8.1	9.5	13.1	15.7	14.9	16.9	18.5	19.0
FINAL USERS.....	20.3	23.8	26.1	25.2	26.6	22.9	24.8	22.3	20.8	27.5
- NATIONAL.....	6.1	6.6	7.6	7.3	7.2	4.7	3.8	5.6	4.1	4.4
- EEC 10.....	3.0	3.3	2.0	2.4	4.1	2.9	3.8	2.7	2.1	1.6
- NON-MEMBER COUNTRIES.....	11.3	14.0	16.6	15.5	15.3	15.3	17.2	13.9	14.6	21.4
TOTAL.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PUBLIC INTERNAL MARKET.....(1)..	38.9	39.1	35.4	31.8	33.3	25.4	23.9	25.2	24.4	20.6
COMMERCIAL INTERNAL MARKET....(2)..	41.7	41.3	40.0	43.2	38.3	43.6	44.1	44.0	42.4	39.0
EXPORTS.....(3)..	19.4	19.7	24.6	25.0	28.4	31.0	32.0	30.8	33.2	40.4

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

- (1) STATE + EEC 10 FINAL MILITARY USERS
- (2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS
- (3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF EEC 10 OVERALL TURNOVER (AS % OF TOTAL)

	ENGINE SECTOR									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	7.6	8.0	7.2	6.0	6.0	4.6	4.5	4.2	4.2	3.8
- R-D CONTRACTS.....	2.7	3.2	2.7	2.4	1.4	1.3	1.2	1.3	0.9	0.9
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	1.1	1.3	1.2	1.1	1.4	1.1	1.1	1.0	1.2	1.0
- SALES.....	3.7	3.6	3.3	2.5	3.1	2.2	2.2	1.9	2.2	1.9
AEROSPACE MANUFACTURERS.....	8.7	8.4	8.4	9.0	8.5	10.8	10.6	9.5	10.1	9.9
- NATIONAL.....	3.2	3.4	2.7	3.4	3.1	3.5	3.5	2.5	2.4	2.7
- EEC 10.....	3.9	3.8	4.0	3.7	2.8	4.1	4.1	4.0	4.3	3.6
- NON-MEMBER COUNTRIES.....	1.7	1.2	1.7	1.9	2.6	3.1	3.0	3.0	3.3	3.6
FINAL USERS.....	4.2	5.1	5.5	5.0	5.3	4.6	5.0	3.9	3.8	5.2
- NATIONAL.....	1.2	1.4	1.6	1.5	1.4	0.9	0.8	1.0	0.7	0.8
- EEC 10.....	0.6	0.7	0.4	0.5	0.8	0.6	0.8	0.5	0.4	0.3
- NON-MEMBER COUNTRIES.....	2.3	3.0	3.5	3.1	3.0	3.1	3.4	2.4	2.6	4.0
TOTAL.....	20.5	21.5	21.1	20.0	19.8	20.0	20.0	17.5	18.0	18.9
PUBLIC INTERNAL MARKET.....(1)..	8.0	8.4	7.5	6.4	6.6	5.1	4.8	4.4	4.4	3.9
COMMERCIAL INTERNAL MARKET....(2)..	8.5	8.9	8.4	8.6	7.6	8.7	8.8	7.7	7.7	7.4
EXPORTS.....(3)..	4.0	4.2	5.2	5.0	5.6	6.2	6.4	5.4	6.0	7.6

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) STATE + EEC 10 FINAL MILITARY USERS

(2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS

(3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF EEC 10 OVERALL TURNOVER (M10 ECUS)

	SPACE SECTOR									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	162	150	110	115	229	241	350	449	470	733
- R-D CONTRACTS.....	144	129	90	86	209	151	213	258	281	476
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	3	2	0	3	5	1	3	5	6	19
- SALES.....	14	19	20	25	15	90	134	185	183	238
AEROSPACE MANUFACTURERS.....	111	167	128	147	187	270	529	502	496	650
- NATIONAL.....	47	53	32	55	56	102	147	95	106	212
- EEC 10.....	53	110	90	85	111	152	357	346	331	406
- NON-MEMBER COUNTRIES.....	11	4	7	6	20	16	24	61	59	32
FINAL USERS.....	66	130	114	162	218	256	161	174	331	524
- NATIONAL.....	21	11	9	6	10	14	13	17	95	219
- EEC 10.....	37	72	48	113	145	180	81	91	184	221
- NON-MEMBER COUNTRIES.....	7	46	56	44	62	62	67	66	52	85
TOTAL.....	338	446	353	424	634	767	1,040	1,124	1,296	1,907
PUBLIC INTERNAL MARKET.....(1)..	162	150	110	115	229	241	350	449	470	733
COMMERCIAL INTERNAL MARKET....(2)..	158	247	179	259	323	449	599	549	716	1,058
EXPORTS.....(3)..	18	50	63	50	82	77	91	127	110	116

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

- (1) STATE + EEC 10 FINAL MILITARY USERS
- (2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS
- (3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF EEC 10 OVERALL TURNOVER (AS % OF SECTORAL TURNOVER)

	SPACE SECTOR									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	47.9	33.5	31.3	27.1	36.1	31.4	33.7	39.9	36.2	38.4
- R-D CONTRACTS.....	42.7	29.0	25.5	20.3	33.1	19.6	20.5	22.9	21.7	25.0
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	1.0	0.3	0.1	0.8	0.7	0.1	0.3	0.5	0.5	1.0
- SALES.....	4.2	4.2	5.7	6.0	2.3	11.7	12.9	16.5	14.1	12.5
AEROSPACE MANUFACTURERS.....	32.7	37.4	36.4	34.6	29.5	35.2	50.8	44.6	38.2	34.1
- NATIONAL.....	13.8	11.9	9.1	13.1	8.9	13.3	14.2	8.4	8.2	11.1
- EEC 10.....	15.7	24.6	25.4	20.1	17.5	19.9	34.4	30.8	25.5	21.3
- NON-MEMBER COUNTRIES.....	3.2	1.0	1.9	1.4	3.1	2.0	2.3	5.4	4.5	1.7
FINAL USERS.....	19.4	29.0	32.4	38.3	34.4	33.3	15.5	15.4	25.5	27.5
- NATIONAL.....	6.4	2.6	2.7	1.3	1.6	1.9	1.2	1.5	7.3	11.5
- EEC 10.....	10.9	16.2	13.7	26.6	22.9	23.4	7.8	8.1	14.2	11.6
- NON-MEMBER COUNTRIES.....	2.1	10.3	16.0	10.3	9.8	8.0	6.4	5.9	4.0	4.4
TOTAL.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PUBLIC INTERNAL MARKET.....(1)..	47.9	33.5	31.3	27.1	36.1	31.4	33.7	39.9	36.2	38.4
COMMERCIAL INTERNAL MARKET....(2)..	46.7	55.3	50.8	61.1	51.0	58.5	57.6	48.8	55.3	55.5
EXPORTS.....(3)..	5.4	11.2	17.9	11.8	12.9	10.1	8.7	11.3	8.5	6.1

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) STATE + EEC 10 FINAL MILITARY USERS

(2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS

(3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF EEC 10 OVERALL TURNOVER (AS % OF TOTAL)

	SPACE SECTOR									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	1.5	1.3	0.9	0.8	1.1	1.0	1.2	1.5	1.5	2.1
- R-D CONTRACTS.....	1.3	1.1	0.7	0.6	1.0	0.6	0.8	0.9	0.9	1.4
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
- SALES.....	0.1	0.2	0.2	0.2	0.1	0.4	0.5	0.6	0.6	0.7
AEROSPACE MANUFACTURERS.....	1.0	1.5	1.0	1.0	0.9	1.1	1.9	1.7	1.5	1.9
- NATIONAL.....	0.4	0.5	0.3	0.4	0.3	0.4	0.5	0.3	0.3	0.6
- EEC 10.....	0.5	1.0	0.7	0.6	0.5	0.6	1.3	1.2	1.0	1.2
- NON-MEMBER COUNTRIES.....	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.2	0.2	0.1
FINAL USERS.....	0.6	1.1	0.9	1.1	1.1	1.0	0.6	0.6	1.0	1.5
- NATIONAL.....	0.2	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.3	0.6
- EEC 10.....	0.3	0.6	0.4	0.7	0.7	0.7	0.3	0.3	0.6	0.6
- NON-MEMBER COUNTRIES.....	0.1	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2
TOTAL.....	3.1	3.9	2.8	2.8	3.1	3.1	3.7	3.8	4.0	5.4
PUBLIC INTERNAL MARKET.....(1)..	1.5	1.3	0.9	0.8	1.1	1.0	1.2	1.5	1.5	2.1
COMMERCIAL INTERNAL MARKET....(2)..	1.4	2.1	1.4	1.7	1.6	1.8	2.1	1.8	2.2	3.0
EXPORTS.....(3)..	0.2	0.4	0.5	0.3	0.4	0.3	0.3	0.4	0.3	0.3

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) STATE + EEC 10 FINAL MILITARY USERS

(2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS

(3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF EEC 10 OVERALL TURNOVER (MIO ECUS)

	EQUIPMENT SECTOR									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	691	722	832	863	1,421	1,647	1,834	2,231	2,938	2,927
- R-D CONTRACTS.....	160	192	236	237	442	450	454	544	712	659
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	120	135	161	151	207	251	266	278	389	454
- SALES.....	411	395	435	474	772	945	1,115	1,409	1,837	1,814
AEROSPACE MANUFACTURERS.....	1,213	1,221	1,399	1,713	2,544	3,408	3,582	3,969	4,121	4,401
- NATIONAL.....	898	859	960	1,114	1,520	1,847	2,024	2,332	2,422	2,341
- EEC 10.....	192	244	315	407	678	1,011	1,078	1,117	1,023	1,130
- NON-MEMBER COUNTRIES.....	123	117	124	192	346	549	480	519	676	931
FINAL USERS.....	368	361	523	534	729	942	923	1,297	1,103	1,337
- NATIONAL.....	108	97	148	150	201	219	211	204	291	340
- EEC 10.....	73	78	89	93	131	167	153	145	147	161
- NON-MEMBER COUNTRIES.....	187	185	286	291	397	556	558	947	665	836
TOTAL.....	2,273	2,303	2,754	3,110	4,695	5,997	6,338	7,497	8,162	8,665
PUBLIC INTERNAL MARKET.....(1)..	737	773	897	904	1,495	1,736	1,948	2,335	3,002	3,017
COMMERCIAL INTERNAL MARKET....(2)..	1,226	1,227	1,448	1,722	2,456	3,155	3,353	3,695	3,820	3,882
EXPORTS.....(3)..	310	303	409	483	744	1,105	1,037	1,466	1,341	1,767

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) STATE + EEC 10 FINAL MILITARY USERS

(2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS

(3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF EEC 10 OVERALL TURNOVER (AS % OF SECTORAL TURNOVER)

	EQUIPMENT SECTOR									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	30.4	31.4	30.2	27.7	30.3	27.5	28.9	29.8	36.0	33.8
- R-D CONTRACTS.....	7.0	8.3	8.6	7.6	9.4	7.5	7.2	7.3	8.7	7.6
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	5.3	5.9	5.9	4.9	4.4	4.2	4.2	3.7	4.8	5.2
- SALES.....	18.1	17.1	15.8	15.3	16.4	15.8	17.6	18.8	22.5	20.9
AEROSPACE MANUFACTURERS.....	53.4	53.0	50.8	55.1	54.2	56.8	56.5	52.9	50.5	50.8
- NATIONAL.....	39.5	37.3	34.8	35.8	32.4	30.8	31.9	31.1	29.7	27.0
- EEC 10.....	8.5	10.6	11.5	13.1	14.4	16.9	17.0	14.9	12.5	13.0
- NON-MEMBER COUNTRIES.....	5.4	5.1	4.5	6.2	7.4	9.2	7.6	6.9	8.3	10.7
FINAL USERS.....	16.2	15.7	19.0	17.2	15.5	15.7	14.6	17.3	13.5	15.4
- NATIONAL.....	4.8	4.2	5.4	4.8	4.3	3.7	3.3	2.7	3.6	3.9
- EEC 10.....	3.2	3.4	3.2	3.0	2.8	2.8	2.4	1.9	1.8	1.9
- NON-MEMBER COUNTRIES.....	8.2	8.0	10.4	9.4	8.5	9.3	8.8	12.6	8.1	9.6
TOTAL.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PUBLIC INTERNAL MARKET.....(1)..	32.4	33.6	32.6	29.1	31.8	29.0	30.7	31.2	36.8	34.8
COMMERCIAL INTERNAL MARKET....(2)..	53.9	53.3	52.6	55.4	52.3	52.6	52.9	49.3	46.8	44.8
EXPORTS.....(3)..	13.6	13.1	14.9	15.5	15.8	18.4	16.4	19.6	16.4	20.4

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) STATE + EEC 10 FINAL MILITARY USERS

(2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS

(3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF EEC 10 OVERALL TURNOVER (AS % OF TOTAL)

	EQUIPMENT SECTOR									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	6.3	6.3	6.5	5.7	7.0	6.5	6.5	7.5	9.1	8.3
- R-D CONTRACTS.....	1.5	1.7	1.9	1.6	2.2	1.8	1.6	1.8	2.2	1.9
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	1.1	1.2	1.3	1.0	1.0	1.0	0.9	0.9	1.2	1.3
- SALES.....	3.7	3.4	3.4	3.1	3.8	3.8	4.0	4.7	5.7	5.2
AEROSPACE MANUFACTURERS.....	11.0	10.6	11.0	11.3	12.6	13.6	12.8	13.3	12.8	12.5
- NATIONAL.....	8.1	7.5	7.5	7.4	7.5	7.3	7.2	7.8	7.5	6.7
- EEC 10.....	1.7	2.1	2.5	2.7	3.4	4.0	3.8	3.7	3.2	3.2
- NON-MEMBER COUNTRIES.....	1.1	1.0	1.0	1.3	1.7	2.2	1.7	1.7	2.1	2.7
FINAL USERS.....	3.3	3.1	4.1	3.5	3.6	3.7	3.3	4.3	3.4	3.8
- NATIONAL.....	1.0	0.8	1.2	1.0	1.0	0.9	0.8	0.7	0.9	1.0
- EEC 10.....	0.7	0.7	0.7	0.6	0.6	0.7	0.5	0.5	0.5	0.5
- NON-MEMBER COUNTRIES.....	1.7	1.6	2.2	1.9	2.0	2.2	2.0	3.2	2.1	2.4
TOTAL.....	20.6	20.0	21.7	20.6	23.2	23.8	22.6	25.1	25.3	24.7
PUBLIC INTERNAL MARKET.....(1)..	6.7	6.7	7.1	6.0	7.4	6.9	6.9	7.8	9.3	8.6
COMMERCIAL INTERNAL MARKET... (2)..	11.1	10.7	11.4	11.4	12.2	12.5	11.9	12.4	11.9	11.1
EXPORTS.....(3)..	2.8	2.6	3.2	3.2	3.7	4.4	3.7	4.9	4.2	5.0

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) STATE + EEC 10 FINAL MILITARY USERS

(2) NATIONAL AND EEC 10 CIVIL AND MILITARY MANUFACTURERS AND FINAL CIVIL USERS

(3) MANUFACTURERS AND FINAL USERS OF THIRD COUNTRIES

BREAKDOWN OF USA OVERALL TURNOVER

(MIO ECUS)										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	14,370	14,909	13,996	13,989	17,195	26,306	36,627	46,630	57,810	68,949
- R-D CONTRACTS.....	4,401	4,808	4,484	4,261	4,760	7,639	9,979	11,688	15,357	18,220
- MODIFICATIONS, REPAIRS, MAINTENANCE AND SALES.....	9,969	10,102	9,512	9,728	12,434	18,667	26,648	34,942	42,452	50,729
FINAL USERS.....	8,899	8,937	10,457	14,070	16,846	22,812	23,318	25,391	26,361	33,815
- NATIONAL.....	1,884	2,293	2,607	5,500	5,709	7,016	7,392	7,344	7,338	9,278
- EXPORTS.....	7,015	6,644	7,849	8,571	11,137	15,795	15,926	18,047	19,023	24,537
TOTAL.....	23,269	23,846	24,453	28,059	34,041	49,118	59,945	72,021	84,171	102,762

(AS % OF TOTAL)										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	61.8	62.5	57.2	49.9	50.5	53.6	61.1	64.7	68.7	67.1
- R-D CONTRACTS.....	18.9	20.2	18.3	15.2	14.0	15.6	16.6	16.2	18.2	17.7
- MODIFICATIONS, REPAIRS, MAINTENANCE AND SALES.....	42.8	42.4	38.9	34.7	36.5	38.0	44.5	48.5	50.4	49.4
FINAL USERS.....	38.2	37.5	42.8	50.1	49.5	46.4	38.9	35.3	31.3	32.9
- NATIONAL.....	8.1	9.6	10.7	19.6	16.8	14.3	12.3	10.2	8.7	9.0
- EXPORTS.....	30.1	27.9	32.1	30.5	32.7	32.2	26.6	25.1	22.6	23.9
TOTAL.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

EEC - DG III / SOURCE: AEROSPACE - FACTS AND FIGURES (A.I.A.)

BREAKDOWN OF USA OVERALL TURNOVER

CIVIL SECTOR (MIO ECUS)										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	2,584	2,584	2,360	2,159	2,624	3,877	4,611	5,806	6,736	7,264
FINAL USERS.....	6,962	6,718	7,331	12,630	15,224	18,940	17,199	19,246	19,580	26,208
- NATIONAL.....	1,884	2,293	2,607	5,500	5,709	7,016	7,392	7,344	7,338	9,278
- EXPORTS.....	5,077	4,425	4,723	7,130	9,515	11,924	9,807	11,902	12,242	16,930
TOTAL.....	9,545	9,302	9,691	14,789	17,849	22,817	21,810	25,052	26,317	33,471

CIVIL SECTOR (AS % OF SECTORAL TOTAL)										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	27.1	27.8	24.4	14.6	14.7	17.0	21.1	23.2	25.6	21.7
FINAL USERS.....	72.9	72.2	75.6	85.4	85.3	83.0	78.9	76.8	74.4	78.3
- NATIONAL.....	19.7	24.7	26.9	37.2	32.0	30.8	33.9	29.3	27.9	27.7
- EXPORTS.....	53.2	47.6	48.7	48.2	53.3	52.3	45.0	47.5	46.5	50.6
TOTAL.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

CIVIL SECTOR (AS % OF TOTAL)										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	11.1	10.8	9.7	7.7	7.7	7.9	7.7	8.1	8.0	7.1
FINAL USERS.....	29.9	28.2	30.0	45.0	44.7	38.6	28.7	26.7	23.3	25.5
- NATIONAL.....	8.1	9.6	10.7	19.6	16.8	14.3	12.3	10.2	8.7	9.0
- EXPORTS.....	21.8	18.6	19.3	25.4	28.0	24.3	16.4	16.5	14.5	16.5
TOTAL.....	41.0	39.0	39.6	52.7	52.4	46.5	36.4	34.8	31.3	32.6

EEC - DG III / SOURCE: AEROSPACE - FACTS AND FIGURES (A.I.A.)

BREAKDOWN OF USA OVERALL TURNOVER

MILITARY SECTOR (MIO ECUS)										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	11,786	12,325	11,635	11,830	14,570	22,429	32,016	40,824	51,074	61,685
FINAL USERS.....	1,937	2,219	3,126	1,441	1,622	3,871	6,119	6,145	6,781	7,607
- NATIONAL.....	-	-	-	-	-	-	-	-	-	-
- EXPORTS.....	1,937	2,219	3,126	1,441	1,622	3,871	6,119	6,145	6,781	7,607
TOTAL.....	13,724	14,544	14,762	13,271	16,192	26,301	38,135	46,969	57,854	69,292

MILITARY SECTOR (AS % OF SECTORAL TOTAL)										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	85.9	84.7	78.8	89.1	90.0	85.3	84.0	86.9	88.3	89.0
FINAL USERS.....	14.1	15.3	21.2	10.9	10.0	14.7	16.0	13.1	11.7	11.0
- NATIONAL.....	-	-	-	-	-	-	-	-	-	-
- EXPORTS.....	14.1	15.3	21.2	10.9	10.0	14.7	16.0	13.1	11.7	11.0
TOTAL.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

MILITARY SECTOR (AS % OF TOTAL)										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	50.7	51.7	47.6	42.2	42.8	45.7	53.4	56.7	60.7	60.0
FINAL USERS.....	8.3	9.3	12.8	5.1	4.8	7.9	10.2	8.5	8.1	7.4
- NATIONAL.....	-	-	-	-	-	-	-	-	-	-
- EXPORTS.....	8.3	9.3	12.8	5.1	4.8	7.9	10.2	8.5	8.1	7.4
TOTAL.....	59.0	61.0	60.4	47.3	47.6	53.5	63.6	65.2	68.7	67.4

EEC - DG III / SOURCE: AEROSPACE - FACTS AND FIGURES (A.I.A.)

BREAKDOWN OF USA OVERALL TURNOVER

AIRFRAME AND MISSILES SECTOR (MIO ECUS)										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	8,133	8,356	7,463	6,941	7,164	11,047	15,806	20,161	25,724	32,718
FINAL USERS.....	5,705	5,353	6,656	9,683	11,938	15,589	13,688	17,256	17,814	22,614
- NATIONAL.....	435	468	297	2,151	2,177	1,896	386	2,340	2,608	2,423
- EXPORTS.....	6,140	5,821	6,954	7,532	9,761	13,692	13,302	14,916	15,205	20,191
TOTAL.....	13,839	13,709	14,120	16,624	19,102	26,636	29,494	37,416	43,537	55,332

AIRFRAME AND MISSILES SECTOR (AS % OF SECTORAL TOTAL)										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	58.8	61.0	52.9	41.8	37.5	41.5	53.6	53.9	59.1	59.1
FINAL USERS.....	41.2	39.0	47.1	58.2	62.5	58.5	46.4	46.1	40.9	40.9
- NATIONAL.....	3.1	3.4	2.1	12.9	11.4	7.1	1.3	6.3	6.0	4.4
- EXPORTS.....	44.4	42.5	49.2	45.3	51.1	51.4	45.1	39.9	34.9	36.5
TOTAL.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

AIRFRAME AND MISSILES SECTOR (AS % OF TOTAL)										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	35.0	35.0	30.5	24.7	21.0	22.5	26.4	28.0	30.6	31.8
FINAL USERS.....	24.5	22.4	27.2	34.5	35.1	31.7	22.8	24.0	21.2	22.0
- NATIONAL.....	1.9	2.0	1.2	7.7	6.4	3.9	0.6	3.2	3.1	2.4
- EXPORTS.....	26.4	24.4	28.4	26.8	28.7	27.9	22.2	20.7	18.1	19.6
TOTAL.....	59.5	57.5	57.7	59.2	56.1	54.2	49.2	52.0	51.7	53.8

EEC - DG III / SOURCE: AEROSPACE - FACTS AND FIGURES (A.I.A.)

BREAKDOWN OF USA OVERALL TURNOVER

		ENGINE SECTOR (MIO ECUS)									
		1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....		2,328	2,427	2,069	2,328	2,595	4,500	5,859	6,670	9,324	8,581
FINAL USERS.....		1,554	1,640	2,147	2,447	3,035	4,192	4,575	4,985	5,039	7,350
- NATIONAL.....		680	817	1,251	1,409	1,658	2,089	1,951	1,855	1,222	3,005
- EXPORTS.....		875	823	896	1,038	1,376	2,103	2,624	3,131	3,817	4,345
TOTAL.....		3,882	4,066	4,216	4,775	5,630	8,692	10,434	11,656	14,364	15,931

		ENGINE SECTOR (AS % OF SECTORAL TOTAL)									
		1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....		60.0	59.7	49.1	48.8	46.1	51.8	56.2	57.2	64.9	53.9
FINAL USERS.....		40.0	40.3	50.9	51.2	53.9	48.2	43.8	42.8	35.1	46.1
- NATIONAL.....		17.5	20.1	29.7	29.5	29.5	24.0	18.7	15.9	8.5	18.9
- EXPORTS.....		22.5	20.2	21.2	21.7	24.4	24.2	25.2	26.9	26.6	27.3
TOTAL.....		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

		ENGINE SECTOR (AS % OF TOTAL)									
		1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....		10.0	10.2	8.5	8.3	7.6	9.2	9.8	9.3	11.1	8.4
FINAL USERS.....		6.7	6.9	8.8	8.7	8.9	8.5	7.6	6.9	6.0	7.2
- NATIONAL.....		2.9	3.4	5.1	5.0	4.9	4.3	3.3	2.6	1.5	2.9
- EXPORTS.....		3.8	3.5	3.7	3.7	4.0	4.3	4.4	4.3	4.5	4.2
TOTAL.....		16.7	17.1	17.2	17.0	16.5	17.7	17.4	16.2	17.1	15.5

EEC - DG III / SOURCE: AEROSPACE - FACTS AND FIGURES (A.I.A.)

BREAKDOWN OF USA OVERALL TURNOVER

SPACE SECTOR (MIO ECUS)										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	1,791	1,639	1,824	1,852	2,502	3,454	4,847	5,549	6,622	8,218
FINAL USERS.....	0	0	0	0	0	0	0	0	0	0
- NATIONAL.....	0	0	0	0	0	0	0	0	0	0
- EXPORTS.....	0	0	0	0	0	0	0	0	0	0
TOTAL.....	1,791	1,639	1,824	1,852	2,502	3,454	4,847	5,549	6,622	8,218

SPACE SECTOR (AS % OF SECTORAL TOTAL)										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
FINAL USERS.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
- NATIONAL.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
- EXPORTS.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

SPACE SECTOR (AS % OF TOTAL)										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	7.7	6.9	7.5	6.6	7.3	7.0	8.1	7.7	7.9	8.0
FINAL USERS.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
- NATIONAL.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
- EXPORTS.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL.....	7.7	6.9	7.5	6.6	7.3	7.0	8.1	7.7	7.9	8.0

EEC - DG III / SOURCE: AEROSPACE - FACTS AND FIGURES (A.I.A.)

BREAKDOWN OF USA OVERALL TURNOVER

	EQUIPMENT SECTOR (MIO ECUS)									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	2,118	2,488	2,640	2,867	4,934	7,305	10,114	14,250	16,139	19,433
FINAL USERS.....	1,639	1,945	1,654	1,940	1,874	3,031	5,056	3,150	3,508	3,850
- NATIONAL.....	1,639	1,945	1,654	1,940	1,874	3,031	5,056	3,150	3,508	3,850
- EXPORTS.....	-	-	-	-	-	-	-	-	-	-
TOTAL.....	3,757	4,433	4,293	4,807	6,807	10,336	15,170	17,399	19,648	23,283

	EQUIPMENT SECTOR (AS % OF SECTORAL TOTAL)									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	56.4	56.1	61.5	59.6	72.5	70.7	66.7	81.9	82.1	83.5
FINAL USERS.....	43.6	43.9	38.5	40.4	27.5	29.3	33.3	18.1	17.9	16.5
- NATIONAL.....	43.6	43.9	38.5	40.4	27.5	29.3	33.3	18.1	17.9	16.5
- EXPORTS.....	-	-	-	-	-	-	-	-	-	-
TOTAL.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

	EQUIPMENT SECTOR (AS % OF TOTAL)									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	9.1	10.4	10.8	10.2	14.5	14.9	16.9	19.8	19.2	18.9
FINAL USERS.....	7.0	8.2	6.8	6.9	5.5	6.2	8.4	4.4	4.2	3.7
- NATIONAL.....	7.0	8.2	6.8	6.9	5.5	6.2	8.4	4.4	4.2	3.7
- EXPORTS.....	-	-	-	-	-	-	-	-	-	-
TOTAL.....	16.1	18.6	17.6	17.1	20.0	21.0	25.3	24.2	23.3	22.7

EEC - DG III / SOURCE: AEROSPACE - FACTS AND FIGURES (A.I.A.)

BREAKDOWN OF STATE SUPPORT FOR THE AVIATION INDUSTRY BY CONTRACT TYPE (EEC AND USA) (MIO ECU AT CURRENT PRICES)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
EEC 12										
R-D.....	1,566	1,278	1,419	1,848	2,034	2,056	2,145	2,489	2,846	3,069
CIVIL.....	259	232	196	187	332	275	340	333	349	538
MILITARY.....	1,307	1,046	1,222	1,661	1,702	1,782	1,805	2,155	2,497	2,531
MAINTENANCE AND PURCHASE.....	2,547	2,816	3,034	3,704	5,081	5,178	5,744	6,069	6,718	7,789
CIVIL.....	107	180	196	542	241	285	327	480	355	353
MILITARY.....	2,440	2,636	2,837	3,163	4,840	4,893	5,417	5,589	6,363	7,436
TOTAL.....	4,112	4,094	4,452	5,552	7,115	7,234	7,889	8,557	9,564	10,858
AS % OF FINAL TURNOVER	44.5%	42.0%	41.0%	43.8%	41.7%	34.3%	33.5%	33.9%	34.7%	35.9%
USA										
R-D.....	4,921	5,486	5,713	5,840	6,628	8,528	9,776	10,405	12,117	13,904
CIVIL.....	-	-	-	-	-	-	-	-	-	-
MILITARY.....	-	-	-	-	-	-	-	-	-	-
MAINTENANCE AND PURCHASE.....	11,146	11,527	12,119	13,333	17,312	20,840	26,107	31,105	33,495	38,711
CIVIL.....	-	-	-	-	-	-	-	-	-	-
MILITARY.....	-	-	-	-	-	-	-	-	-	-
TOTAL.....	14,370	14,909	13,996	13,989	17,195	26,306	36,627	46,630	57,810	68,949
AS % OF FINAL TURNOVER	61.8%	62.5%	57.2%	49.9%	50.5%	53.6%	61.1%	64.7%	68.7%	67.1%

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

BREAKDOWN OF STATE SUPPORT FOR THE AVIATION INDUSTRY BY CONTRACT TYPE (EEC AND USA) (AS % OF TOTAL)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
EEC 12										
R-D.....	38.1	31.2	31.9	33.3	28.6	28.4	27.2	29.1	29.8	28.3
CIVIL.....	6.3	5.7	4.4	3.4	4.7	3.8	4.3	3.9	3.6	5.0
MILITARY.....	31.8	25.5	27.5	29.9	23.9	24.6	22.9	25.2	26.1	23.3
MAINTENANCE AND PURCHASE.....	61.9	68.8	68.1	66.7	71.4	71.6	72.8	70.9	70.2	71.7
CIVIL.....	2.6	4.4	4.4	9.8	3.4	3.9	4.1	5.6	3.7	3.3
MILITARY.....	59.3	64.4	63.7	57.0	68.0	67.6	68.7	65.3	66.5	68.5
USA										
R-D.....	30.6	32.2	32.0	30.5	27.7	29.0	27.2	25.1	26.6	26.4
CIVIL.....	-	-	-	-	-	-	-	-	-	-
MILITARY.....	-	-	-	-	-	-	-	-	-	-
MAINTENANCE AND PURCHASE.....	69.4	67.8	68.0	69.5	72.3	71.0	72.8	74.9	73.4	73.6
CIVIL.....	-	-	-	-	-	-	-	-	-	-
MILITARY.....	-	-	-	-	-	-	-	-	-	-

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

BREAKDOWN OF STATE BACKING FOR THE EEC AEROSPACE INDUSTRY BY CONTRACT AND SUBSECTOR (MIO ECU AT CURRENT PRICES)

	1977	1978	1979	1980	1981	1982	1983	1984	1985
AIRFRAMES AND MISSILES									
- R-D.....									
CIVIL.....	64	68	70	101	103	98	123	46	40
MILITARY...	528	680	1,098	991	1,028	1,034	1,189	1,520	1,577
- MAINTENANCE AND PURCHASE...									
CIVIL.....	81	112	455	106	95	126	203	99	65
MILITARY...	1,336	1,578	1,890	2,439	2,400	2,481	2,635	2,753	3,800
- INTRA-EEC PURCHASES.....									
MILITARY...	194	58	61	423	354	508	303	254	264
TOTAL (AS % OF GRAND TOTAL).....	2,204	2,498	3,573	4,060	3,981	4,247	4,454	4,673	5,745
ENGINES									
- R-D.....									
CIVIL.....	41	36	29	29	21	31	24	16	20
MILITARY...	323	308	328	261	303	315	351	270	297
- MAINTENANCE AND PURCHASE...									
CIVIL.....	38	21	29	72	56	45	28	31	24
MILITARY...	520	548	518	845	784	876	838	1,034	994
- INTRA-EEC PURCHASES.....									
MILITARY...	45	35	55	123	112	76	78	68	29
TOTAL (AS % OF GRAND TOTAL).....	967	947	960	1,331	1,276	1,343	1,319	1,419	1,364
EQUIPMENT									
- R-D.....									
CIVIL.....	2	6	5	6	6	4	6	12	8
MILITARY...	190	230	232	436	444	450	537	700	650
- MAINTENANCE AND PURCHASE...									
CIVIL.....	45	44	33	57	49	48	71	42	84
MILITARY...	485	552	593	922	1,148	1,333	1,616	2,184	2,184
- INTRA-EEC PURCHASES.....									
MILITARY...	51	65	42	74	89	114	104	64	89
TOTAL (AS % OF GRAND TOTAL).....	773	897	904	1,495	1,736	1,948	2,335	3,002	3,017
SPACE									
- R-D.....									
CIVIL.....	124	86	83	196	144	207	180	274	469
MILITARY...	5	4	3	14	7	6	79	6	7
- MAINTENANCE AND PURCHASE...									
CIVIL.....	16	19	25	6	85	108	177	183	181
MILITARY...	5	2	4	14	6	29	14	6	76
- INTRA-EEC PURCHASES.....									
MILITARY...	0	0	0	0	0	0	0	0	0
TOTAL (AS % OF GRAND TOTAL).....	150	110	115	229	241	350	449	470	733

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

BREAKDOWN OF STATE BACKING FOR THE EEC AEROSPACE INDUSTRY BY CONTRACT AND SUBSECTOR (AS % OF SUBSECTOR)

	1977	1978	1979	1980	1981	1982	1983	1984	1985
AIRFRAMES AND MISSILES									
- R-D.....									
CIVIL.....	2.9	2.7	2.0	2.5	2.6	2.3	2.8	1.0	0.7
MILITARY...	24.0	27.2	30.7	24.4	25.8	24.3	26.7	32.5	27.4
- MAINTENANCE AND PURCHASE...									
CIVIL.....	3.7	4.5	12.7	2.6	2.4	3.0	4.6	2.1	1.1
MILITARY...	60.6	63.2	52.9	60.1	60.3	58.4	59.2	58.9	66.1
- INTRA-EEC PURCHASES.....									
MILITARY...	8.8	2.3	1.7	10.4	8.9	12.0	6.8	5.4	4.6
TOTAL (AS % OF GRAND TOTAL).....	53.8	56.1	64.4	57.1	55.0	53.8	52.0	48.9	52.9
ENGINES									
- R-D.....									
CIVIL.....	4.3	3.8	3.1	2.2	1.7	2.3	1.8	1.2	1.5
MILITARY...	33.4	32.5	34.2	19.6	23.7	23.4	26.6	19.0	21.8
- MAINTENANCE AND PURCHASE...									
CIVIL.....	3.9	2.2	3.0	5.4	4.4	3.3	2.1	2.2	1.7
MILITARY...	53.8	57.8	54.0	63.5	61.4	65.2	63.5	72.9	72.9
- INTRA-EEC PURCHASES.....									
MILITARY...	4.6	3.7	5.7	9.3	8.8	5.7	5.9	4.8	2.1
TOTAL (AS % OF GRAND TOTAL).....	23.6	21.3	17.3	18.7	17.6	17.0	15.4	14.8	12.6
EQUIPMENT									
- R-D.....									
CIVIL.....	0.3	0.6	0.5	0.4	0.4	0.2	0.3	0.4	0.3
MILITARY...	24.6	25.7	25.7	29.2	25.6	23.1	23.0	23.3	21.6
- MAINTENANCE AND PURCHASE...									
CIVIL.....	5.9	4.9	3.7	3.8	2.8	2.4	3.1	1.4	2.8
MILITARY...	62.7	61.6	65.5	61.6	66.1	68.4	69.2	72.8	72.4
- INTRA-EEC PURCHASES.....									
MILITARY...	6.6	7.2	4.6	5.0	5.1	5.9	4.5	2.1	3.0
TOTAL (AS % OF GRAND TOTAL).....	18.9	20.1	16.3	21.0	24.0	24.7	27.3	31.4	27.8
SPACE									
- R-D.....									
CIVIL.....	83.1	78.1	72.0	85.5	59.7	59.1	40.0	58.4	64.0
MILITARY...	3.3	3.5	2.9	6.0	2.8	1.8	17.5	1.4	0.9
- MAINTENANCE AND PURCHASE...									
CIVIL.....	10.4	16.9	21.6	2.4	35.2	30.9	39.3	38.9	24.7
MILITARY...	3.2	1.5	3.5	6.0	2.3	8.1	3.2	1.3	10.3
- INTRA-EEC PURCHASES.....									
MILITARY...	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
TOTAL (AS % OF GRAND TOTAL).....	3.7	2.5	2.1	3.2	3.3	4.4	5.2	4.9	6.8

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

PROPORTION OF OVERALL TURNOVER OF EACH MEMBER STATE EXPORTED TO INDUSTRIAL
 UNDERTAKINGS IN OTHER MEMBER STATES OF THE EEC 10 (AS %)

	BE	DE	FR	IT	NL	UK	EEC 10
1973	42.3	4.1	9.0	14.0	2.4	10.4	9.0
1974	56.7	11.0	7.9	10.2	6.0	11.8	10.5
1975	60.2	10.3	8.7	12.4	6.3	13.3	11.3
1976	57.9	19.3	6.4	7.2	7.5	15.7	12.1
1977	52.5	23.7	6.9	5.9	4.8	16.1	12.9
1978	33.9	24.8	7.1	12.9	11.5	15.8	13.7
1979	25.9	20.3	8.0	9.2	11.0	18.1	14.1
1980	17.1	29.6	7.6	21.8	12.4	15.0	15.2
1981	17.8	36.0	8.0	12.5	15.2	21.1	18.2
1982	17.1	38.4	6.9	11.2	15.9	24.0	19.4
1983	19.8	39.0	8.8	19.6	12.7	24.8	20.8
1984	27.6	38.6	7.5	21.2	9.5	22.8	19.7
1985	27.6	21.1	4.0	25.4	5.4	18.7	14.4

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

TREND IN EEC 10 AND USA FINAL AEROSPACE TURNOVER (%)

	EEC 10				USA			
	GDP		TURNOVER		GDP		TURNOVER	
	CURRENT PRICES	CONSTANT PRICES	CURRENT PRICES	CONSTANT PRICES	CURRENT PRICES	CONSTANT PRICES	CURRENT PRICES	CONSTANT PRICES
1971.....	11.1	3.3	4.2	-4.2	8.5	3.3	-13.4	-16.5
1972.....	11.0	4.2	15.5	5.6	9.9	5.2	-1.6	-2.6
1973.....	14.8	5.8	22.3	17.9	11.7	4.8	11.2	-0.5
1974.....	13.5	1.5	9.2	4.6	8.3	-0.8	8.7	-1.2
1975.....	12.2	-1.0	20.7	1.5	8.8	-1.0	8.3	-3.5
1970-1975 (1)...	12.5	2.7	14.2	4.8	9.4	2.3	2.2	-5.1
1976.....	14.6	5.0	17.7	2.1	11.4	4.9	5.4	-3.7
1977.....	11.2	2.3	5.4	-2.8	11.5	4.5	4.6	-2.3
1978.....	10.9	3.2	11.2	3.4	12.8	5.1	14.5	8.7
1979.....	12.6	3.5	16.9	5.3	11.1	2.0	23.4	11.7
1980.....	12.8	1.0	34.7	21.3	9.1	0.0	23.2	11.0
1975-1980 (1)...	12.4	3.0	16.8	5.5	11.2	3.3	13.9	4.9
1981.....	9.8	0.0	23.7	10.9	11.9	3.7	15.7	2.8
1982.....	8.9	0.5	11.6	4.5	3.7	-2.5	7.1	-3.2
1983.....	7.6	1.5	7.1	3.9	7.4	4.1	9.2	4.1
1984.....	7.4	2.4	9.3	3.3	10.7	6.7	3.6	-0.1
1985.....	7.3	2.3	9.8	1.9	6.3	3.1	18.1	16.9
1980-1985 (1)...	8.2	1.4	12.1	4.9	8.0	3.0	10.6	3.9

EEC - DG III / SOURCE: COMMISSION SERVICES

(1) MEAN ANNUAL GROWTH RATE

INTRA INDUSTRIAL TRADE - BASE: TURNOVER

BELGIQUE - EXPORTS (1000 ECU)

	B	G	F	I	NL	UK	OTHER COUNTRIES	EEC 10
1973	-	4,555	17,471	237	477	2,633	353	25,725
1974	-	6,151	24,925	222	1,175	9,450	274	42,198
1975	-	6,751	32,396	363	1,943	18,550	105	60,108
1976	-	10,748	34,336	577	2,365	17,589	354	65,970
1977	-	11,874	38,691	455	2,612	7,952	127	61,711
1978	-	15,997	29,725	232	2,688	1,044	80	49,766
1979	-	12,438	38,981	243	2,134	2,567	0	56,363
1980	-	12,659	38,829	426	2,383	2,133	204	56,634
1981	-	11,114	62,122	65	3,770	731	85	77,888
1982	-	7,472	57,222	0	3,916	1,979	112	70,702
1983	-	6,562	57,591	15	2,654	1,069	130	68,022
1984	-	6,268	63,229	3,704	4,264	1,352	466	79,283
1985	-	4,950	87,512	1,618	4,277	1,436	35	99,826

INTRA INDUSTRIAL TRADE - BASE: TURNOVER

DEUTSCHLAND - EXPORTS (1000 ECU)

	B	G	F	I	NL	UK	OTHER COUNTRIES	EEC 10
1973	-	-	-	-	-	-	0	0
1974	416	-	73,066	3,213	23,116	56,847	0	156,658
1975	736	-	106,368	4,275	25,302	11,279	0	147,960
1976	1,171	-	248,683	3,143	34,267	62,515	0	349,779
1977	3,835	-	312,441	5,312	31,832	58,123	0	411,543
1978	4,323	-	405,305	7,615	30,389	43,850	0	491,483
1979	5,274	-	526,020	10,287	22,890	59,231	0	623,702
1980	32,647	-	746,690	26,919	32,213	156,993	0	995,463
1981	2,434	-	1,092,314	63,475	56,165	264,625	1,795	1,480,809
1982	6,167	-	1,528,500	87,150	70,926	258,409	3,254	1,954,405
1983	7,538	-	1,603,145	145,411	45,313	283,525	12,231	2,097,159
1984	805,049	-	816,486	126,836	63,042	359,785	883	2,172,076
1985	12,334	-	804,011	107,991	86,844	357,238	11,193	1,379,611

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

INTRA INDUSTRIAL TRADE - BASE: TURNOVER

FRANCE - EXPORTS (1000 ECU)

	B	G	F	I	NL	UK	OTHER COUNTRIES	EEC 10
1973	-	-	-	-	-	-	0	0
1974	-	-	-	-	-	-	0	0
1975	27,260	94,751	-	12,784	11,092	171,642	0	317,529
1976	21,703	90,928	-	10,290	22,638	152,295	0	297,854
1977	19,265	99,178	-	9,097	21,405	181,410	0	330,354
1978	20,210	152,967	-	8,014	21,952	159,065	0	362,208
1979	75,307	178,574	-	37,568	11,836	160,220	0	463,504
1980	54,524	237,349	-	54,353	20,958	170,387	17,039	554,609
1981	24,835	305,800	-	66,392	17,219	256,958	34,272	705,475
1982	23,324	287,971	-	40,272	36,541	275,376	16,327	679,811
1983	90,240	257,281	-	75,767	169,552	337,922	22,745	953,506
1984	30,269	323,937	-	96,483	128,644	277,806	28,232	885,370
1985	25,754	164,680	-	99,779	26,343	111,553	35,320	463,429

INTRA INDUSTRIAL TRADE - BASE: TURNOVER

ITALIA - EXPORTS (1000 ECU)

	B	G	F	I	NL	UK	OTHER COUNTRIES	EEC 10
1973	110	12,945	17,615	-	70	14,715	0	45,454
1974	121	7,058	17,110	-	3	10,516	0	34,807
1975	415	23,149	25,078	-	1,649	24,106	0	74,398
1976	520	7,852	21,307	-	58	15,080	0	44,818
1977	1,000	7,962	12,962	-	1,102	18,331	0	41,357
1978	1,733	57,296	14,141	-	1,573	30,492	0	105,235
1979	128	35,429	16,889	-	4,071	33,123	0	89,641
1980	6,939	178,450	26,046	-	3,809	52,203	0	267,448
1981	1,277	110,572	32,899	-	2,886	69,447	0	217,080
1982	2,151	109,713	38,173	-	2,609	86,101	0	238,747
1983	375	341,873	49,759	-	3,043	124,508	0	519,558
1984	1,593	342,142	53,735	-	8,738	180,675	521	587,404
1985	488	457,865	88,924	-	5,481	225,064	2,677	780,498

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

INTRA INDUSTRIAL TRADE - BASE: TURNOVER

NEDERLAND - EXPORTS (1000 ECU)

	B	G	F	I	NL	UK	OTHER COUNTRIES	EEC 10
1973	127	175	3,446	-	-	-	0	3,748
1974	-	1,123	6,857	-	-	-	0	7,980
1975	-	3,754	8,635	-	-	2,031	0	14,419
1976	-	5,060	14,216	-	-	1,647	0	20,923
1977	-	4,695	16,764	-	-	1,750	0	13,818
1978	-	2,162	28,228	-	-	2,774	0	33,164
1979	-	2,111	31,469	-	-	3,548	0	37,128
1980	-	2,120	39,453	-	-	4,411	0	45,984
1981	762	2,267	52,770	-	-	10,361	0	66,159
1982	2,807	2,705	66,095	-	-	6,508	0	78,115
1983	-	3,369	65,672	-	-	7,906	0	76,946
1984	-	23	41,590	-	-	14,680	0	56,294
1985	-	-	18,319	-	-	10,354	0	28,674

INTRA INDUSTRIAL TRADE - BASE: TURNOVER

UNITED KINGDOM - EXPORTS (1000 ECU)

	B	G	F	I	NL	UK	OTHER COUNTRIES	EEC 10
1973	1,330	147,506	94,547	7,437	22,251	-	0	273,071
1974	1,097	182,978	114,576	11,544	18,690	-	0	328,884
1975	1,666	229,273	165,880	11,067	39,694	-	0	447,581
1976	1,683	271,519	208,966	14,926	43,639	-	0	540,733
1977	1,672	421,988	137,220	17,075	42,584	-	0	620,539
1978	1,097	527,348	101,487	19,329	41,900	-	0	691,160
1979	818	653,981	126,920	22,494	37,186	-	0	841,399
1980	1,260	805,144	211,713	43,371	80,225	-	0	1,141,711
1981	2,457	1,562,543	261,510	93,672	94,891	-	0	2,015,072
1982	844	1,693,798	353,102	93,230	273,395	-	375	2,414,743
1983	1,349	1,715,726	437,193	70,646	253,703	-	0	2,478,617
1984	1,056	1,837,010	453,153	76,462	188,180	-	0	2,555,862
1985	784	1,645,224	350,496	65,235	187,536	-	0	2,249,274

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

CHAPTER 7

E M P L O Y M E N T I N T H E A E R O S P A C E I N D U S T R Y

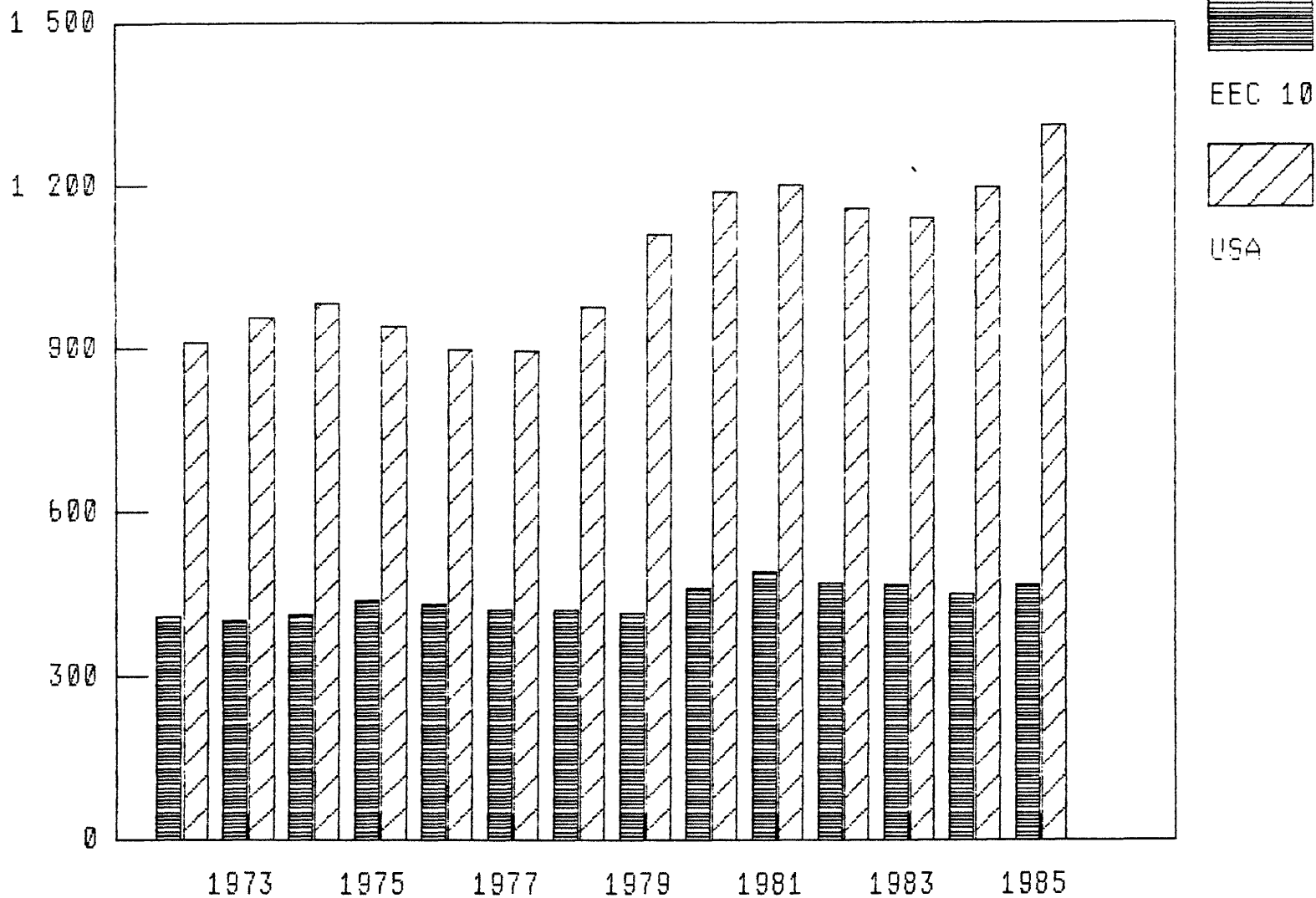
1. The annual survey conducted in conjunction with the national industrial associations enables the employment in the European aerospace industry to be broken down by professional and activity categories. Participants to this survey are the aerospace companies whose turnover concerns (partly or entirely) one or more of the groups of products listed in the columns of the tables.
2. The professional categories are the following:
 - engineers and managers,
 - technical employees comprise technicians, draughtsmen, craftsmen, supervisors, foremen, etc.
 - administrative employees comprise clerical and office staff, etc.
 - manual workers (skilled and unskilled)

The professional categories indicated correspond to the actual functions carried out, and not necessarily correspond to the formal qualifications possessed.

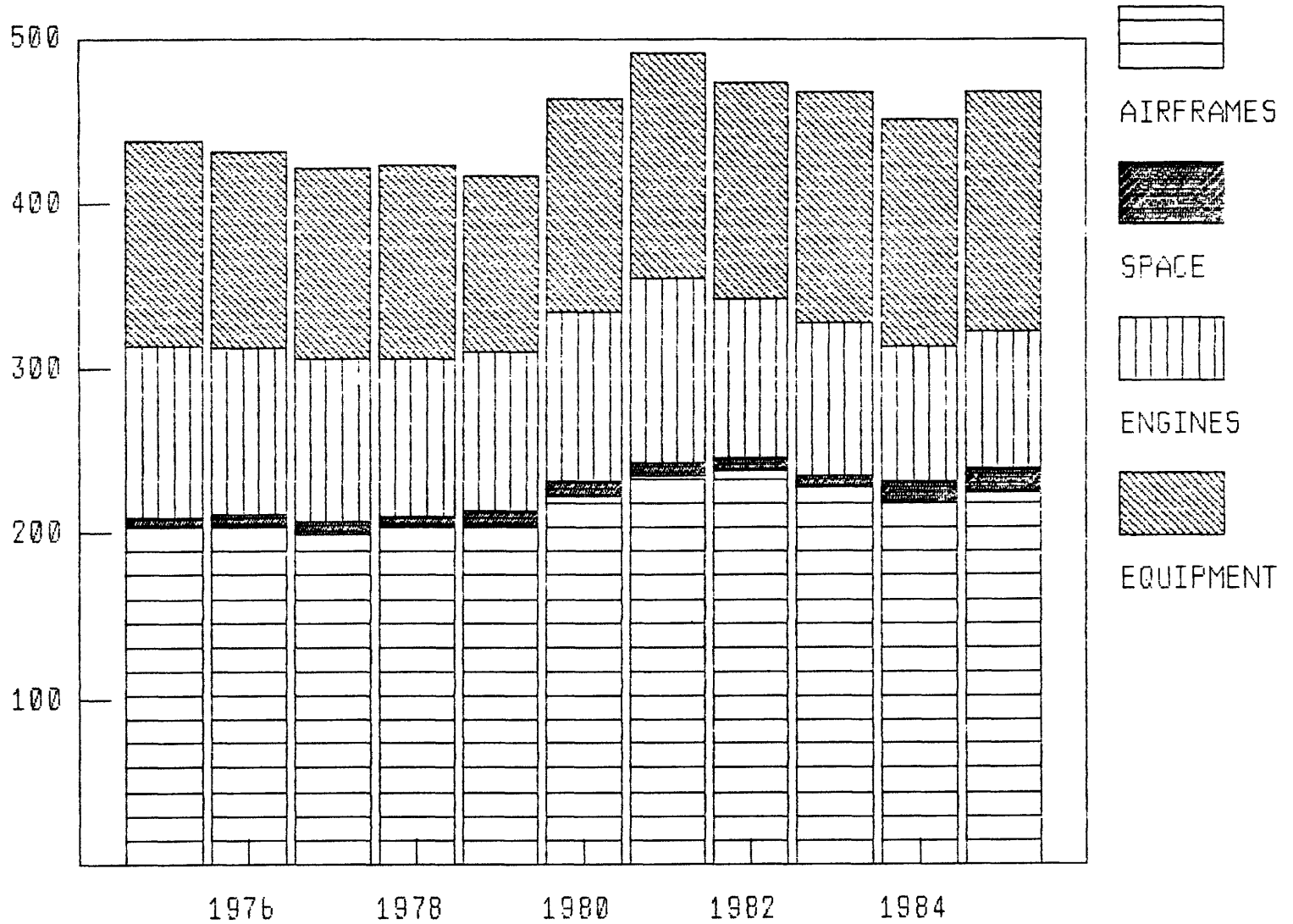
The activities considered concern:

- research and development,
- production, including maintenance, repairs and post-delivery modifications,
- marketing and management, including all the activities involved in running the company (overall management, general accounting, financial management, personnel management etc) in addition to marketing activities and after-sales services.

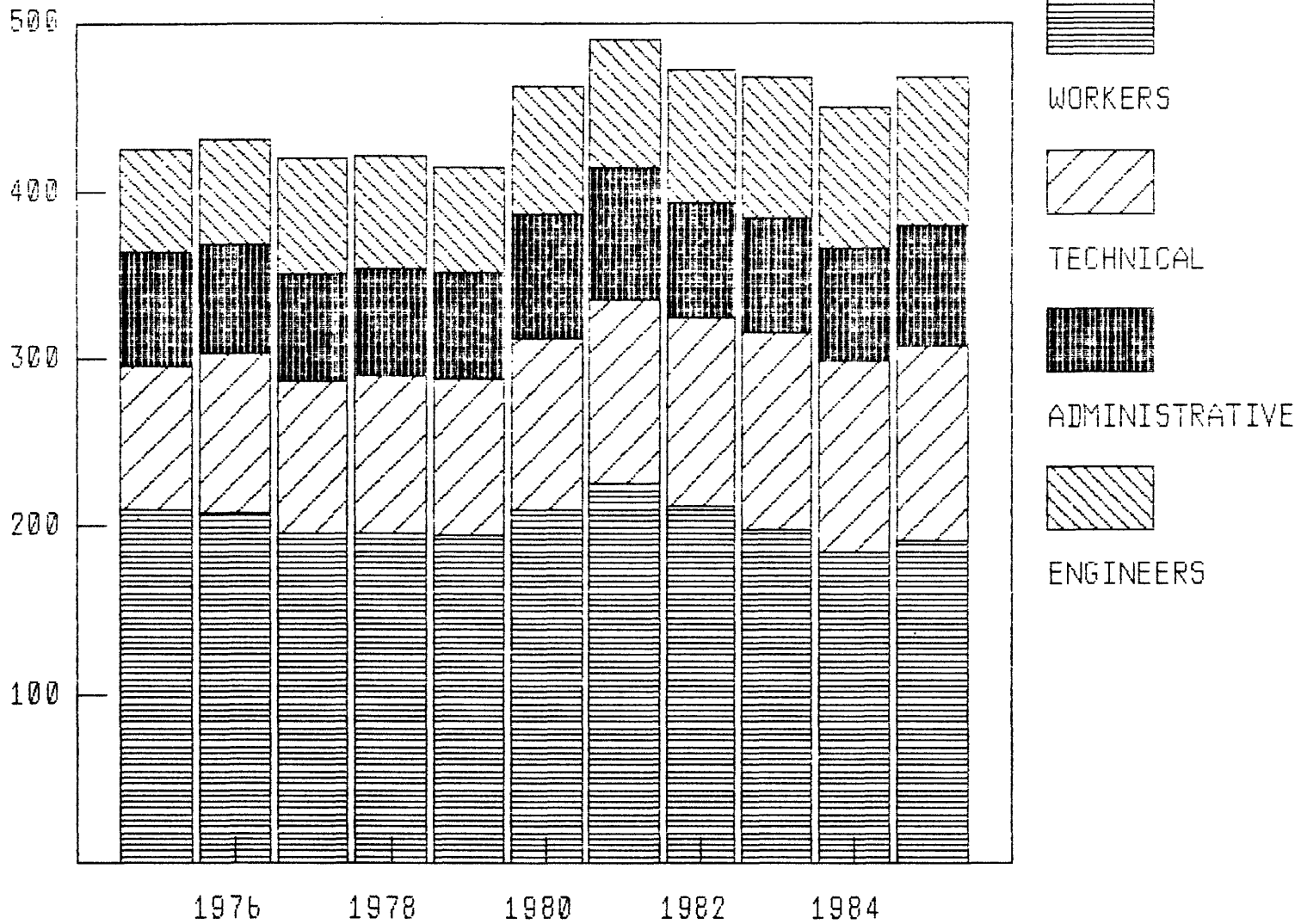
WORKFORCE (THOUSANDS)



WORKFORCE - EEC 10 (THOUSANDS)



WORKFORCE - EEC 10 (THOUSANDS)



EMPLOYMENT TRENDS : TOTAL

	1970	1971	1972	1973	1974	1975	1976	1977
BELGIUM.....	4,700	4,849	4,941	4,380	4,422	4,025	5,015	4,895
FRG.....	57,253	56,678	52,455	52,985	52,982	51,914	51,367	52,416
FRANCE.....	103,364	108,646	108,525	106,132	106,769	108,915	107,454	103,295
ITALY.....	29,500	28,000	28,500	30,000	30,240	30,768	31,991	34,260
NETHERLANDS....	8,000	8,000	6,600	7,000	6,555	7,682	7,865	7,320
UNITED KINGDOM.	235,100	217,800	207,500	201,700	210,100	233,792	227,402	219,251
EEC.....	437,917	423,973	408,521	402,197	410,828	437,096	431,094	421,437
SPAIN.....	-	-	-	-	-	-	-	-
USA.....	1,166,000	951,000	912,000	956,000	982,000	941,000	896,000	893,000
CANADA.....	-	-	28,800	31,700	28,400	27,300	25,300	28,900
JAPAN.....	-	-	26,000	26,026	25,550	26,746	-	23,756

	1978	1979	1980	1981	1982	1983	1984	1985
BELGIUM.....	5,068	6,272	7,032	6,886	6,705	6,127	5,757	5,470
FRG.....	56,348	60,866	66,086	68,650	66,883	65,677	65,366	77,256
FRANCE.....	103,424	106,287	110,783	113,690	115,982	127,269	127,815	127,072
ITALY.....	36,136	38,370	40,924	41,920	42,907	42,546	42,885	43,284
NETHERLANDS....	7,382	7,935	8,862	9,706	9,527	8,398	9,055	10,053
UNITED KINGDOM.	214,918	196,566	229,821	249,863	230,961	217,891	200,235	204,077
EEC.....	423,476	416,296	463,508	490,775	472,965	467,908	451,113	467,212
SPAIN.....	-	7,331	8,177	9,516	10,216	10,538	-	-
USA.....	977,000	1,109,000	1,185,000	1,201,000	1,158,000	1,139,000	1,197,000	1,308,000
CANADA.....	33,800	37,700	46,800	44,800	39,800	37,100	38,500	-
JAPAN.....	25,398	25,653	26,373	27,096	27,865	25,486	25,986	25,981

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

EMPLOYMENT TRENDS : AIRCRAFT AND MISSILES (1)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BELGIUM.....	2,333	3,166	3,088	2,948	3,423	3,755	3,461	3,329	2,919	2,757	2,577
FRG.....	31,529	31,479	31,883	34,386	37,935	40,901	42,472	40,501	38,722	39,411	41,694
FRANCE.....	60,640	59,266	57,693	58,029	59,717	61,590	62,863	63,904	62,673	60,525	59,954
ITALY.....	18,938	19,391	21,330	22,814	24,788	26,524	26,930	28,183	28,255	27,850	26,280
NETHERLANDS....	5,465	5,595	5,210	5,310	5,705	6,375	6,982	6,852	6,039	6,511	7,229
UNITED KINGDOM.	84,788	85,957	80,626	81,120	73,875	83,907	92,310	94,953	90,015	81,844	86,799
EEC.....	203,693	204,854	199,830	204,607	205,443	223,052	235,018	237,722	228,623	218,898	224,533
SPAIN.....	-	-	-	-	6,413	7,290	8,553	9,233	9,535	-	-

EMPLOYMENT TRENDS : ENGINES

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BELGIUM.....	942	979	985	1,352	1,807	2,262	2,398	2,357	2,238	2,107	2,053
FRG.....	6,783	6,703	7,341	7,794	8,431	8,701	8,955	8,697	7,717	8,434	8,096
FRANCE.....	22,574	23,003	22,033	21,621	21,861	23,116	24,061	25,038	25,367	24,927	25,100
ITALY.....	5,237	5,300	5,430	5,601	5,783	6,037	6,292	5,984	5,803	5,645	6,475
NETHERLANDS....											
UNITED KINGDOM.	68,689	65,391	63,272	59,817	58,524	62,986	70,942	53,671	51,264	40,630	40,701
EEC.....	104,225	101,376	99,061	96,185	96,406	103,102	112,648	95,747	92,389	81,743	82,425
SPAIN.....	-	-	-	-	214	226	240	259	261	-	-

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) FRANCE : 1973-1983: AIRFRAMES, MISSILES AND SPACE

EMPLOYMENT TRENDS : EQUIPMENT

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BELGIUM.....	544	571	570	546	752	770	728	655	560	513	406
FRG.....	11,038	10,648	10,221	11,235	11,659	13,718	14,542	13,958	14,806	12,454	22,019
FRANCE.....	25,701	25,185	23,569	23,774	24,709	26,077	26,766	27,040	39,229	36,357	35,323
ITALY.....	6,002	5,950	7,050	7,194	7,317	7,493	7,887	7,826	7,205	7,970	8,249
NETHERLANDS....	2,029	2,080	1,934	1,901	2,041	2,278	2,495	2,449	2,158	2,327	2,583
UNITED KINGDOM.	78,324	74,297	72,334	72,541	59,628	78,511	83,443	78,900	76,612	77,761	76,577
EEC.....	123,638	118,731	115,678	117,191	106,106	128,847	135,861	130,828	140,570	137,382	145,157
SPAIN.....	-	-	-	-	554	515	567	584	586	-	-

EMPLOYMENT TRENDS : SPACE

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BELGIUM.....	206	299	252	222	290	245	299	364	410	380	434
FRG.....	2,564	2,537	2,971	2,933	2,841	2,766	2,681	3,727	4,432	5,067	5,447
FRANCE.....										6,006	6,695
ITALY.....	591	1,350	450	527	482	870	811	914	1,283	1,420	2,280
NETHERLANDS....	188	190	176	171	189	209	229	226	201	217	241
UNITED KINGDOM.	1,991	1,757	3,019	1,440	4,539	4,417	3,168	3,437			
EEC.....	5,540	6,133	6,868	5,293	8,341	8,507	7,188	8,668	6,326	13,090	15,097
SPAIN.....	-	-	-	-	150	146	156	140	156	-	-

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

EMPLOYMENT TRENDS : AIRFRAMES, MISSILES AND SPACE

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BELGIUM.....	2,539	3,465	3,340	3,170	3,713	4,000	3,760	3,693	3,329	3,137	3,011
FRG.....	34,093	34,016	34,854	37,319	40,776	43,667	45,153	44,228	43,154	44,478	47,141
FRANCE.....	60,640	59,266	57,693	58,029	59,717	61,590	62,863	63,904	62,673	66,531	66,649
ITALY.....	19,529	20,741	21,780	23,341	25,270	27,394	27,741	29,097	29,538	29,270	28,560
NETHERLANDS....	5,653	5,785	5,386	5,481	5,894	6,584	7,211	7,078	6,240	6,728	7,470
UNITED KINGDOM.	86,779	87,714	83,645	82,560	78,414	88,324	95,478	98,390	90,015	81,844	86,799
EEC.....	209,233	210,987	206,698	209,900	213,784	231,559	242,206	246,390	234,949	231,988	239,630
SPAIN.....	-	-	-	-	6,563	7,436	8,709	9,373	9,691	-	-

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

EEC : AIRCRAFT AND MISSILES

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	26,299	30,279	31,392	31,266	28,843	33,514	34,841	36,419	38,511	38,262	38,634
2. EXECUTIVE STAFF											
-TECHNICAL.....	45,206	50,814	47,454	49,217	48,717	53,776	56,285	60,884	60,100	57,919	56,186
-ADMINISTRATIVE.....	32,055	32,731	33,305	34,308	34,188	38,487	39,531	36,275	34,130	33,259	35,525
3. WORKERS.....	91,627	91,030	87,679	89,816	93,695	97,275	104,361	104,144	95,882	89,218	94,188
1. R-D.....	-	39,054	39,856	33,705	34,855	45,378	46,753	48,279	52,013	51,218	47,769
2. PRODUCTION.....	-	124,856	120,271	130,248	128,070	134,766	141,450	141,912	129,955	121,487	131,574
3. MARKETING AND MANAGEMENT.....	-	40,944	39,703	40,654	42,518	42,908	46,815	47,531	46,655	45,952	45,190
TOTAL.....	195,187	204,854	199,830	204,607	205,443	223,052	235,018	237,722	228,623	218,658	224,533
TOTAL (1).....	203,693	204,854	199,830	204,607	205,443	223,052	235,018	237,722	228,623	218,898	224,533

EEC : ENGINES

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	15,861	12,424	15,969	13,141	13,400	14,167	14,234	15,581	15,322	13,866	14,158
2. EXECUTIVE STAFF											
-TECHNICAL.....	14,796	19,487	16,125	19,306	20,043	19,336	23,032	19,477	21,649	19,201	18,061
-ADMINISTRATIVE.....	14,701	13,466	12,841	11,762	12,373	13,831	15,858	11,413	11,057	9,680	10,439
3. WORKERS.....	58,834	55,999	54,126	51,476	50,590	55,768	59,124	49,276	44,361	38,996	39,767
1. R-D.....	-	24,575	23,930	18,136	18,824	16,042	17,946	16,511	17,580	15,760	15,528
2. PRODUCTION.....	-	59,558	57,658	57,032	56,184	67,204	73,086	58,412	54,564	48,545	49,523
3. MARKETING AND MANAGEMENT.....	-	17,243	17,473	20,517	21,408	19,856	21,216	20,824	20,245	17,438	17,374
TOTAL.....	104,192	101,376	99,061	95,685	96,406	103,102	112,248	95,747	92,389	81,743	82,425
TOTAL (1).....	104,225	101,376	99,061	96,185	96,406	103,102	112,648	95,747	92,389	81,743	82,425

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

EEC : EQUIPMENT

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	18,112	18,287	19,434	20,450	17,730	24,568	24,841	23,524	26,941	27,762	30,740
2. EXECUTIVE STAFF											
-TECHNICAL.....	23,683	22,722	24,569	23,124	22,156	26,895	28,822	28,296	33,913	32,334	36,034
-ADMINISTRATIVE.....	20,081	18,243	16,758	18,127	16,226	20,280	21,136	20,602	22,492	23,182	23,918
3. WORKERS.....	58,265	59,479	52,737	53,890	48,194	55,304	60,462	57,556	56,574	53,204	54,465
1. R-D.....	-	21,566	24,323	24,242	25,383	32,725	34,250	28,806	35,080	36,500	39,052
2. PRODUCTION.....	-	77,700	69,208	69,704	58,186	67,841	76,131	76,438	79,212	73,169	78,921
3. MARKETING AND MANAGEMENT.....	-	19,465	19,977	21,645	20,737	26,481	24,880	24,734	25,628	26,814	27,184
TOTAL.....	120,141	118,731	113,498	115,591	104,306	127,047	135,261	129,978	139,920	136,482	145,157
TOTAL (1).....	123,638	118,731	115,678	117,191	106,106	128,847	135,861	130,828	140,570	137,382	145,157

EEC : SPACE

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	780	1,122	1,626	1,420	2,297	2,945	2,083	2,942	2,022	3,181	3,874
2. EXECUTIVE STAFF											
-TECHNICAL.....	2,202	2,606	2,642	1,844	2,623	2,245	1,958	2,194	2,626	4,602	5,853
-ADMINISTRATIVE.....	1,133	927	1,086	832	1,257	1,457	1,194	1,428	760	1,877	2,396
3. WORKERS.....	1,385	1,478	1,514	1,197	2,164	1,860	1,953	2,104	918	3,430	2,974
1. R-D.....	-	3,399	3,553	3,288	4,447	5,022	4,334	5,228	4,448	6,294	8,491
2. PRODUCTION.....	-	1,754	2,296	1,246	2,635	2,122	1,875	2,154	923	4,705	3,877
3. MARKETING AND MANAGEMENT.....	-	980	1,019	759	1,259	1,363	979	1,286	955	2,091	2,729
TOTAL.....	5,500	6,133	6,868	5,293	8,341	8,507	7,188	8,668	6,326	13,090	15,097
TOTAL (1).....	5,540	6,133	6,868	5,293	8,341	8,507	7,188	8,668	6,326	13,090	15,097

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

EEC : AIRFRAMES, MISSILES AND SPACE

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	27,079	31,401	33,018	32,686	31,140	36,459	36,924	39,361	40,533	41,443	42,508
2. EXECUTIVE STAFF											
-TECHNICAL.....	47,408	53,420	50,096	51,061	51,340	56,021	58,243	63,078	62,726	62,521	62,039
-ADMINISTRATIVE.....	33,188	33,658	34,391	35,140	35,445	39,944	40,725	37,703	34,890	35,136	37,921
3. WORKERS.....	93,012	92,508	89,193	91,013	95,859	99,135	106,314	106,248	96,800	92,648	97,162
1. R-D.....	-	42,453	43,409	36,993	39,302	50,400	51,087	53,507	56,461	57,512	56,260
2. PRODUCTION.....	-	126,610	122,567	131,494	130,705	136,888	143,325	144,066	130,878	126,192	135,451
3. MARKETING AND MANAGEMENT.....	-	41,924	40,722	41,413	43,777	44,271	47,794	48,817	47,610	48,043	47,919
TOTAL.....	200,687	210,987	206,698	209,900	213,784	231,559	242,206	246,390	234,949	231,748	239,630
TOTAL (1).....	209,233	210,987	206,698	209,900	213,784	231,559	242,206	246,390	234,949	231,988	239,630

EEC : TOTAL

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	61,052	62,112	68,421	66,277	62,270	75,194	75,999	78,466	82,796	83,071	87,406
2. EXECUTIVE STAFF											
-TECHNICAL.....	85,887	95,629	90,790	93,491	93,539	102,252	110,097	110,851	118,288	114,056	116,134
-ADMINISTRATIVE.....	67,970	65,367	63,990	65,029	64,044	74,055	77,719	69,718	68,439	67,998	72,278
3. WORKERS.....	210,111	207,986	196,056	196,379	194,643	210,207	225,900	213,080	197,735	184,848	191,394
1. R-D.....	-	88,594	91,662	79,371	83,509	99,167	103,283	98,824	109,121	109,772	110,840
2. PRODUCTION.....	-	263,868	249,433	258,230	245,075	271,933	292,542	278,916	264,654	247,906	263,895
3. MARKETING AND MANAGEMENT.....	-	78,632	78,172	83,575	85,922	90,608	93,890	94,375	93,483	92,295	92,477
TOTAL.....	425,020	431,094	419,257	421,176	414,496	461,708	489,715	472,115	467,258	449,973	467,212
TOTAL (1).....	437,096	431,094	421,437	423,476	416,296	463,508	490,775	472,965	467,908	451,113	467,212

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

BELGIUM : AIRCRAFT AND MISSILES

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	143	238	238	236	248	269	264	247	235	247	249
2. EXECUTIVE STAFF											
-TECHNICAL.....	204	384	422	569	645	798	682	531	486	480	425
-ADMINISTRATIVE.....	267	427	419	392	484	448	366	456	419	365	353
3. WORKERS.....	1,719	2,117	2,009	1,751	2,046	2,240	2,149	2,095	1,779	1,665	1,550
1. R-D.....	27	27	28	28	29	35	54	21	23	27	27
2. PRODUCTION.....	2,108	2,267	2,195	2,202	2,727	3,069	2,548	2,512	2,168	2,061	1,901
3. MARKETING AND MANAGEMENT.....	198	872	865	718	667	651	859	796	728	669	649
TOTAL.....	2,333	3,166	3,088	2,948	3,423	3,755	3,461	3,329	2,919	2,757	2,577
TOTAL (1).....	2,333	3,166	3,088	2,948	3,423	3,755	3,461	3,329	2,919	2,757	2,577

BELGIUM : ENGINES

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	76	83	90	111	125	140	187	171	163	178	181
2. EXECUTIVE STAFF											
-TECHNICAL.....	102	111	136	172	183	235	255	256	247	264	288
-ADMINISTRATIVE.....	106	115	134	157	203	222	231	235	231	235	240
3. WORKERS.....	658	670	625	912	1,296	1,665	1,725	1,695	1,597	1,430	1,344
1. R-D.....	40	41	41	41	42	42	43	37	55	82	67
2. PRODUCTION.....	878	903	908	1,253	1,701	2,147	2,278	2,205	2,073	1,914	1,877
3. MARKETING AND MANAGEMENT.....	24	35	36	58	64	73	77	115	110	111	109
TOTAL.....	942	979	985	1,352	1,807	2,262	2,398	2,357	2,238	2,107	2,053
TOTAL (1).....	942	979	985	1,352	1,807	2,262	2,398	2,357	2,238	2,107	2,053

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

BELGIUM : EQUIPMENT

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	46	45	47	54	76	81	70	76	80	82	59
2. EXECUTIVE STAFF											
-TECHNICAL.....	143	153	153	126	195	169	169	221	176	168	124
-ADMINISTRATIVE.....	98	149	143	37	50	85	69	47	47	52	30
3. WORKERS.....	257	224	227	329	431	435	420	311	257	211	193
1. R-D.....	18	25	25	16	18	19	14	40	37	27	93
2. PRODUCTION.....	453	473	472	500	692	660	656	557	452	418	264
3. MARKETING AND MANAGEMENT.....	73	73	73	30	42	91	58	58	71	68	49
TOTAL.....	544	571	570	546	752	770	728	655	560	513	406
TOTAL (1).....	544	571	570	546	752	770	728	655	560	513	406

BELGIUM : SPACE

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	81	101	99	87	116	95	107	116	118	109	130
2. EXECUTIVE STAFF											
-TECHNICAL.....	58	61	60	66	89	67	75	98	102	77	102
-ADMINISTRATIVE.....	61	12	12	12	15	10	15	23	23	23	21
3. WORKERS.....	6	125	81	57	70	73	102	127	167	171	181
1. R-D.....	78	109	108	104	141	60	68	131	156	150	184
2. PRODUCTION.....	117	169	123	95	123	165	213	218	239	213	234
3. MARKETING AND MANAGEMENT.....	11	21	21	23	26	20	18	15	15	17	16
TOTAL.....	206	299	252	222	290	245	299	364	410	380	434
TOTAL (1).....	206	299	252	222	290	245	299	364	410	380	434

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

BELGIUM : AIRFRAMES, MISSILES AND SPACE

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	224	339	337	323	364	364	371	363	353	356	379
2. EXECUTIVE STAFF											
-TECHNICAL.....	262	445	482	635	734	865	757	629	588	557	527
-ADMINISTRATIVE.....	328	439	431	404	499	458	381	479	442	388	374
3. WORKERS.....	1,725	2,242	2,090	1,808	2,116	2,313	2,251	2,222	1,946	1,836	1,731
1. R-D.....	105	136	136	132	170	95	122	152	179	177	211
2. PRODUCTION.....	2,225	2,436	2,318	2,297	2,850	3,234	2,761	2,730	2,407	2,274	2,135
3. MARKETING AND MANAGEMENT.....	209	893	886	741	693	671	877	811	743	686	665
TOTAL.....	2,539	3,465	3,340	3,170	3,713	4,000	3,760	3,693	3,329	3,137	3,011
TOTAL (1).....	2,539	3,465	3,340	3,170	3,713	4,000	3,760	3,693	3,329	3,137	3,011

BELGIUM : TOTAL

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	346	467	474	488	565	585	628	610	596	616	619
2. EXECUTIVE STAFF											
-TECHNICAL.....	507	709	771	933	1,112	1,269	1,181	1,106	1,011	989	939
-ADMINISTRATIVE.....	532	703	708	598	752	765	681	761	720	675	644
3. WORKERS.....	2,640	3,136	2,942	3,049	3,843	4,413	4,396	4,228	3,800	3,477	3,268
1. R-D.....	163	202	202	189	230	156	179	229	271	286	371
2. PRODUCTION.....	3,556	3,812	3,698	4,050	5,243	6,041	5,695	5,492	4,932	4,606	4,276
3. MARKETING AND MANAGEMENT.....	306	1,001	995	829	799	835	1,012	984	924	865	823
TOTAL.....	4,025	5,015	4,895	5,068	6,272	7,032	6,886	6,705	6,127	5,757	5,470
TOTAL (1).....	4,025	5,015	4,895	5,068	6,272	7,032	6,886	6,705	6,127	5,757	5,470

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

FRG : AIRCRAFT AND MISSILES

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	344	2,678	4,317	4,829	5,225	6,511	7,254	6,927	6,540	7,182	8,004
2. EXECUTIVE STAFF											
-TECHNICAL.....	8,637	10,192	8,385	8,662	9,188	10,334	10,967	10,539	10,589	10,690	10,090
-ADMINISTRATIVE.....	5,067	5,606	6,786	7,403	7,615	7,234	7,333	6,821	5,657	6,279	6,608
3. WORKERS.....	8,975	13,003	12,395	13,492	15,907	16,822	16,918	16,214	15,936	15,260	16,992
1. R-D.....	5,830	6,919	6,871	6,923	8,181	8,960	9,008	8,359	7,407	9,408	9,670
2. PRODUCTION.....	13,350	19,147	19,429	21,767	24,157	25,863	27,105	26,115	25,380	23,489	24,936
3. MARKETING AND MANAGEMENT.....	3,843	5,413	5,583	5,696	5,597	6,078	6,359	6,027	5,935	6,514	7,088
TOTAL.....	23,023	31,479	31,883	34,386	37,935	40,901	42,472	40,501	38,722	39,411	41,694
TOTAL (1).....	31,529	31,479	31,883	34,386	37,935	40,901	42,472	40,501	38,722	39,411	41,694

FRG : ENGINES

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	914	751	810	1,082	1,100	1,155	984	1,021	895	996	755
2. EXECUTIVE STAFF											
-TECHNICAL.....	1,163	1,175	1,191	1,181	1,288	1,351	1,369	1,308	1,263	1,385	1,536
-ADMINISTRATIVE.....	920	1,073	1,133	1,347	1,212	1,226	1,520	1,269	1,169	1,262	1,132
3. WORKERS.....	3,753	3,704	4,207	4,184	4,831	4,969	5,082	5,099	4,390	4,791	4,673
1. R-D.....	925	902	936	1,006	991	1,001	936	959	843	874	1,125
2. PRODUCTION.....	4,521	4,369	5,181	5,033	5,589	5,644	5,799	5,485	4,972	5,580	5,350
3. MARKETING AND MANAGEMENT.....	1,304	1,432	1,224	1,755	1,851	2,056	2,220	2,253	1,902	1,980	1,621
TOTAL.....	6,750	6,703	7,341	7,794	8,431	8,701	8,955	8,697	7,717	8,434	8,096
TOTAL (1).....	6,783	6,703	7,341	7,794	8,431	8,701	8,955	8,697	7,717	8,434	8,096

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

FRG : EQUIPMENT

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	997	1,521	1,746	1,890	2,228	2,515	2,464	2,486	2,747	2,464	4,290
2. EXECUTIVE STAFF											
-TECHNICAL.....	1,823	2,765	2,684	2,749	3,047	3,620	4,192	3,877	4,516	3,708	6,117
-ADMINISTRATIVE.....	1,139	1,396	1,419	1,682	1,588	1,792	1,578	1,824	1,956	1,768	2,848
3. WORKERS.....	3,582	4,966	4,372	4,914	4,796	5,791	6,308	5,771	5,587	4,514	8,764
1. R-D.....	1,750	2,435	2,296	2,476	2,697	3,153	3,016	2,473	2,927	2,940	4,662
2. PRODUCTION.....	4,726	6,763	6,352	6,819	7,136	8,548	9,547	9,403	9,538	7,328	13,680
3. MARKETING AND MANAGEMENT.....	1,065	1,450	1,573	1,940	1,826	2,017	1,979	2,082	2,341	2,186	3,677
TOTAL.....	7,541	10,648	10,221	11,235	11,659	13,718	14,542	13,958	14,806	12,454	22,019
TOTAL (1).....	11,038	10,648	10,221	11,235	11,659	13,718	14,542	13,958	14,806	12,454	22,019

FRG : SPACE

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	156	356	623	763	744	852	996	1,707	1,656	1,643	2,073
2. EXECUTIVE STAFF											
-TECHNICAL.....	1,557	1,433	1,366	1,230	1,181	991	877	847	1,664	1,433	2,094
-ADMINISTRATIVE.....	549	494	567	500	489	630	516	628	634	764	743
3. WORKERS.....	262	254	415	440	427	293	292	545	478	1,227	537
1. R-D.....	2,205	2,199	2,369	2,355	2,331	2,406	2,380	2,825	3,385	2,545	4,228
2. PRODUCTION.....		38	258	284	225		12	365	375	1,714	396
3. MARKETING AND MANAGEMENT.....	319	300	344	294	285	360	289	537	672	808	823
TOTAL.....	2,524	2,537	2,971	2,933	2,841	2,766	2,681	3,727	4,432	5,067	5,447
TOTAL (1).....	2,564	2,537	2,971	2,933	2,841	2,766	2,681	3,727	4,432	5,067	5,447

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

FRG : AIRFRAMES, MISSILES AND SPACE

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	500	3,034	4,940	5,592	5,969	7,363	8,250	8,634	8,196	8,825	10,077
2. EXECUTIVE STAFF											
-TECHNICAL.....	10,194	11,625	9,751	9,892	10,369	11,325	11,844	11,386	12,253	12,123	12,184
-ADMINISTRATIVE.....	5,616	6,100	7,353	7,903	8,104	7,864	7,849	7,449	6,291	7,043	7,351
3. WORKERS.....	9,237	13,257	12,810	13,932	16,334	17,115	17,210	16,759	16,414	16,487	17,529
1. R-D.....	8,035	9,118	9,240	9,278	10,512	11,366	11,388	11,184	10,792	11,953	13,898
2. PRODUCTION.....	13,350	19,185	19,687	22,051	24,382	25,863	27,117	26,480	25,755	25,203	25,332
3. MARKETING AND MANAGEMENT.....	4,162	5,713	5,927	5,990	5,882	6,438	6,648	6,564	6,607	7,322	7,911
TOTAL.....	25,547	34,016	34,854	37,319	40,776	43,667	45,153	44,228	43,154	44,478	47,141
TOTAL (1).....	34,093	34,016	34,854	37,319	40,776	43,667	45,153	44,228	43,154	44,478	47,141

FRG : TOTAL

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	2,411	5,306	7,496	8,564	9,297	11,033	11,698	12,141	11,838	12,285	15,122
2. EXECUTIVE STAFF											
-TECHNICAL.....	13,180	15,565	13,626	13,822	14,704	16,296	17,405	16,571	18,032	17,216	19,837
-ADMINISTRATIVE.....	7,675	8,569	9,905	10,932	10,904	10,882	10,947	10,542	9,416	10,073	11,331
3. WORKERS.....	16,572	21,927	21,389	23,030	25,961	27,875	28,600	27,629	26,391	25,792	30,966
1. R-D.....	10,710	12,455	12,472	12,760	14,200	15,520	15,340	14,616	14,562	15,767	19,685
2. PRODUCTION.....	22,597	30,317	31,220	33,903	37,107	40,055	42,463	41,368	40,265	38,111	44,362
3. MARKETING AND MANAGEMENT.....	6,531	8,595	8,724	9,685	9,559	10,511	10,847	10,899	10,850	11,488	13,209
TOTAL.....	39,838	51,367	52,416	56,348	60,866	66,086	68,650	66,883	65,677	65,366	77,256
TOTAL (1).....	51,914	51,367	52,416	56,348	60,866	66,086	68,650	66,883	65,677	65,366	77,256

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

FRANCE : AIRCRAFT AND MISSILES (2)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	8,792	10,075	9,577	9,433	9,958	10,880	11,583	12,616	13,068	12,681	12,722
2. EXECUTIVE STAFF											
-TECHNICAL.....	20,314	20,150	20,712	22,011	22,263	22,973	23,370	24,059	24,101	22,605	22,297
-ADMINISTRATIVE.....	8,914	8,298	7,962	7,852	8,210	9,076	9,998	9,493	9,501	9,713	9,101
3. WORKERS.....	22,620	20,743	19,442	18,733	19,286	18,661	17,912	17,736	16,003	15,526	15,834
1. R-D.....	16,616	15,646	15,231	10,135	11,828	17,614	14,308	15,076	18,363	16,129	15,971
2. PRODUCTION.....	32,139	31,885	31,038	37,257	36,139	33,567	35,442	35,869	30,585	30,723	31,121
3. MARKETING AND MANAGEMENT.....	11,885	11,735	11,424	10,637	11,750	10,409	13,113	12,959	13,725	13,672	12,862
TOTAL.....	60,640	59,266	57,693	58,029	59,717	61,590	62,863	63,904	62,673	60,525	59,954
TOTAL (1).....	60,640	59,266	57,693	58,029	59,717	61,590	62,863	63,904	62,673	60,525	59,954

FRANCE : ENGINES

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	2,822	2,990	2,952	2,692	2,792	3,170	3,244	3,656	3,886	3,994	4,163
2. EXECUTIVE STAFF											
-TECHNICAL.....	6,343	7,361	7,205	7,717	7,901	8,309	8,839	10,016	10,296	9,977	9,656
-ADMINISTRATIVE.....	3,544	2,760	2,710	2,506	2,587	3,195	3,707	3,254	3,277	3,191	2,838
3. WORKERS.....	9,865	9,892	9,166	8,706	8,581	8,442	8,271	8,112	7,908	7,765	8,443
1. R-D.....	6,184	5,981	7,013	4,347	4,686	5,548	5,662	6,116	7,052	5,915	5,847
2. PRODUCTION.....	11,715	12,192	10,261	12,254	11,962	12,089	12,714	13,098	12,734	13,458	13,995
3. MARKETING AND MANAGEMENT.....	4,675	4,830	4,759	5,020	5,223	5,479	5,685	5,824	5,581	5,554	5,258
TOTAL.....	22,574	23,003	22,033	21,621	21,861	23,116	24,061	25,038	25,367	24,927	25,100
TOTAL (1).....	22,574	23,003	22,033	21,621	21,861	23,116	24,061	25,038	25,367	24,927	25,100

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

(2) 1973-1983: AIRFRAMES, MISSILES AND SPACE

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

FRANCE : EQUIPMENT

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	3,071	1,523	2,011	2,275	2,403	2,767	3,227	3,936	6,596	6,228	6,581
2. EXECUTIVE STAFF -TECHNICAL.....	8,576	7,489	8,913	6,896	7,128	7,558	7,640	8,894	13,965	12,487	12,211
-ADMINISTRATIVE.....	2,511	2,857	1,882	3,042	3,157	3,516	4,043	4,056	6,793	6,462	6,003
3. WORKERS.....	11,543	13,316	10,763	11,561	12,021	12,236	11,856	10,154	11,875	11,180	10,528
1. R-D.....	7,760	5,038	6,575	5,389	5,559	5,919	4,319	4,319	9,202	9,313	9,134
2. PRODUCTION.....	13,022	16,118	12,208	12,468	13,046	14,134	17,903	17,551	21,588	18,489	17,839
3. MARKETING AND MANAGEMENT.....	4,919	4,029	4,786	5,917	6,104	6,024	4,544	5,170	8,439	8,556	8,350
TOTAL.....	25,701	25,185	23,569	23,774	24,709	26,077	26,766	27,040	39,229	36,357	35,323
TOTAL (1).....	25,701	25,185	23,569	23,774	24,709	26,077	26,766	27,040	39,229	36,357	35,323

FRANCE : SPACE

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....										1,129	1,386
2. EXECUTIVE STAFF -TECHNICAL.....										2,223	2,531
-ADMINISTRATIVE.....										955	903
3. WORKERS.....										1,699	1,875
1. R-D.....										3,025	3,357
2. PRODUCTION.....										2,005	2,360
3. MARKETING AND MANAGEMENT.....										976	978
TOTAL.....										6,006	6,695
TOTAL (1).....										6,006	6,695

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

FRANCE : AIRFRAMES, MISSILES AND SPACE

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	8,792	10,075	9,577	9,433	9,958	10,880	11,583	12,616	13,068	13,810	14,108
2. EXECUTIVE STAFF											
-TECHNICAL.....	20,314	20,150	20,712	22,011	22,263	22,973	23,370	24,059	24,101	24,828	24,828
-ADMINISTRATIVE.....	8,914	8,298	7,962	7,852	8,210	9,076	9,998	9,493	9,501	10,668	10,004
3. WORKERS.....	22,620	20,743	19,442	18,733	19,286	18,661	17,912	17,736	16,003	17,225	17,709
1. R-D.....	16,616	15,646	15,231	10,135	11,828	17,614	14,308	15,076	18,363	19,154	19,328
2. PRODUCTION.....	32,139	31,885	31,038	37,257	36,139	33,567	35,442	35,869	30,585	32,728	33,481
3. MARKETING AND MANAGEMENT.....	11,885	11,735	11,424	10,637	11,750	10,409	13,113	12,959	13,725	14,648	13,840
TOTAL.....	60,640	59,266	57,693	58,029	59,717	61,590	62,863	63,904	62,673	66,531	66,649
TOTAL (1).....	60,640	59,266	57,693	58,029	59,717	61,590	62,863	63,904	62,673	66,531	66,649

FRANCE : TOTAL

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	14,685	14,588	14,540	14,400	15,153	16,817	18,054	20,208	23,550	24,032	24,852
2. EXECUTIVE STAFF											
-TECHNICAL.....	35,233	35,000	36,830	36,624	37,292	38,840	39,849	42,969	48,362	47,292	46,695
-ADMINISTRATIVE.....	14,969	13,915	12,554	13,400	13,954	15,787	17,748	16,803	19,571	20,321	18,845
3. WORKERS.....	44,028	43,951	39,371	39,000	39,888	39,339	38,039	36,002	35,786	36,170	36,680
1. R-D.....	30,560	26,665	28,819	19,871	22,073	29,081	24,289	25,511	34,617	34,382	34,309
2. PRODUCTION.....	56,876	60,195	53,507	61,979	61,147	59,790	66,059	66,518	64,907	64,675	65,315
3. MARKETING AND MANAGEMENT.....	21,479	20,594	20,969	21,574	23,077	21,912	23,342	23,953	27,745	28,758	27,448
TOTAL.....	108,915	107,454	103,295	103,424	106,287	110,783	113,690	115,982	127,269	127,815	127,072
TOTAL (1).....	108,915	107,454	103,295	103,424	106,287	110,783	113,690	115,982	127,269	127,815	127,072

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

ITALY : AIRCRAFT AND MISSILES

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	211	300	550	556	526	709	712	817	874	760	1,047
2. EXECUTIVE STAFF											
-TECHNICAL.....	4,687	5,293	5,005	5,357	5,664	4,826	5,192	8,221	8,119	9,695	6,696
-ADMINISTRATIVE.....	1,771	1,783	3,070	3,391	3,822	5,603	5,468	3,306	3,614	2,180	4,114
3. WORKERS.....	12,269	12,015	12,705	13,510	14,776	15,386	15,558	15,839	15,648	14,975	14,423
1. R-D.....	721	1,272	2,520	2,604	3,324	3,718	3,852	4,318	4,999	4,810	4,832
2. PRODUCTION.....	16,041	15,861	15,960	16,955	17,180	18,670	18,833	19,259	17,950	17,690	17,194
3. MARKETING AND MANAGEMENT.....	2,176	2,258	2,850	3,255	4,284	4,136	4,245	4,606	5,306	5,110	4,254
TOTAL.....	18,938	19,391	21,330	22,814	24,788	26,524	26,930	28,183	28,255	27,610	26,280
TOTAL (1).....	18,938	19,391	21,330	22,814	24,788	26,524	26,930	28,183	28,255	27,850	26,280

ITALY : ENGINES

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	69	65	150	168	185	290	455	482	579	600	756
2. EXECUTIVE STAFF											
-TECHNICAL.....	811	970	995	1,081	1,220	1,199	863	866	908	855	1,127
-ADMINISTRATIVE.....	615	551	580	411	454	570	610	644	432	450	857
3. WORKERS.....	3,742	3,714	3,705	3,441	3,924	3,978	3,964	3,992	3,884	3,740	3,735
1. R-D.....	546	275	300	437	284	381	309	329	302	300	348
2. PRODUCTION.....	3,984	4,091	3,810	3,554	4,538	4,557	4,480	4,509	4,505	4,320	4,410
3. MARKETING AND MANAGEMENT.....	707	934	1,320	1,110	961	1,099	1,103	1,146	996	1,025	1,717
TOTAL.....	5,237	5,300	5,430	5,101	5,783	6,037	5,892	5,984	5,803	5,645	6,475
TOTAL (1).....	5,237	5,300	5,430	5,601	5,783	6,037	6,292	5,984	5,803	5,645	6,475

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

ITALY : EQUIPMENT

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	109	205	120	159	216	237	315	340	366	360	556
2. EXECUTIVE STAFF											
-TECHNICAL.....	1,441	1,597	1,505	1,554	1,553	1,652	2,043	2,269	2,077	2,315	2,648
-ADMINISTRATIVE.....	770	610	570	702	634	640	916	639	560	720	1,087
3. WORKERS.....	3,682	3,538	2,675	3,179	3,114	3,164	4,013	3,728	3,552	3,675	3,958
1. R-D.....	606	463	735	841	848	894	1,039	1,076	1,318	1,145	1,325
2. PRODUCTION.....	4,619	4,685	3,505	3,958	3,949	4,010	4,891	4,931	4,341	4,835	5,768
3. MARKETING AND MANAGEMENT.....	777	802	630	795	720	789	1,357	969	896	1,090	1,156
TOTAL.....	6,002	5,950	4,870	5,594	5,517	5,693	7,287	6,976	6,555	7,070	8,249
TOTAL (1).....	6,002	5,950	7,050	7,194	7,317	7,493	7,887	7,826	7,205	7,970	8,249

ITALY : SPACE

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	22	34	25	37	48	105	107	111	183	230	207
2. EXECUTIVE STAFF											
-TECHNICAL.....	244	756	245	286	296	443	462	595	801	805	1,055
-ADMINISTRATIVE.....	153	118	85	83	57	82	87	70	103	135	729
3. WORKERS.....	172	442	95	121	81	240	155	138	196	250	289
1. R-D.....	198	497	280	261	286	380	420	508	811	470	607
2. PRODUCTION.....	353	673	55	115	77	332	236	229	260	720	828
3. MARKETING AND MANAGEMENT.....	40	180	115	151	119	158	155	177	212	230	845
TOTAL.....	591	1,350	450	527	482	870	811	914	1,283	1,420	2,280
TOTAL (1).....	591	1,350	450	527	482	870	811	914	1,283	1,420	2,280

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

ITALY : AIRFRAMES, MISSILES AND SPACE

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	233	334	575	593	574	814	819	928	1,057	990	1,254
2. EXECUTIVE STAFF											
-TECHNICAL.....	4,931	6,049	5,250	5,643	5,960	5,269	5,654	8,816	8,920	10,500	7,751
-ADMINISTRATIVE.....	1,924	1,901	3,155	3,474	3,879	5,685	5,555	3,376	3,717	2,315	4,843
3. WORKERS.....	12,441	12,457	12,800	13,631	14,857	15,626	15,713	15,977	15,844	15,225	14,712
1. R-D.....	919	1,769	2,800	2,865	3,610	4,098	4,272	4,826	5,810	5,280	5,439
2. PRODUCTION.....	16,394	16,534	16,015	17,070	17,257	19,002	19,069	19,488	18,210	18,410	18,022
3. MARKETING AND MANAGEMENT.....	2,216	2,438	2,965	3,406	4,403	4,294	4,400	4,783	5,518	5,340	5,099
TOTAL.....	19,529	20,741	21,780	23,341	25,270	27,394	27,741	29,097	29,538	29,030	28,560
TOTAL (1).....	19,529	20,741	21,780	23,341	25,270	27,394	27,741	29,097	29,538	29,270	28,560

ITALY : TOTAL

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	411	604	845	920	975	1,341	1,589	1,750	2,002	1,950	2,566
2. EXECUTIVE STAFF											
-TECHNICAL.....	7,183	8,616	7,750	8,278	8,733	8,120	8,560	11,951	11,905	13,670	11,526
-ADMINISTRATIVE.....	3,309	3,062	4,305	4,587	4,967	6,895	7,081	4,659	4,709	3,485	6,787
3. WORKERS.....	19,865	19,709	19,180	20,251	21,895	22,768	23,690	23,697	23,280	22,640	22,405
1. R-D.....	2,071	2,507	3,835	4,143	4,742	5,373	5,620	6,231	7,430	6,725	7,112
2. PRODUCTION.....	24,997	25,310	23,330	24,582	25,744	27,569	28,440	28,928	27,056	27,565	28,200
3. MARKETING AND MANAGEMENT.....	3,700	4,174	4,915	5,311	6,084	6,182	6,860	6,898	7,410	7,455	7,972
TOTAL.....	30,768	31,991	32,080	34,036	36,570	39,124	40,920	42,057	41,896	41,745	43,284
TOTAL (1).....	30,768	31,991	34,260	36,136	38,370	40,924	41,920	42,907	42,546	42,885	43,284

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

NETHERLANDS : AIRCRAFT AND MISSILES

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	414	423	394	402	432	489	535	525	463	499	554
2. EXECUTIVE STAFF											
-TECHNICAL.....	734	751	699	712	764	853	935	917	808	871	967
-ADMINISTRATIVE.....	1,107	1,134	1,054	1,076	1,156	1,290	1,412	1,386	1,221	1,316	1,461
3. WORKERS.....	3,210	3,287	3,063	3,120	3,353	3,743	4,100	4,024	3,547	3,825	4,247
1. R-D.....	978	1,001	931	949	1,020	1,145	1,254	1,230	1,084	1,169	1,298
2. PRODUCTION.....	4,202	4,303	4,007	4,084	4,389	4,901	5,367	5,268	4,643	5,006	5,558
3. MARKETING AND MANAGEMENT.....	285	291	272	277	296	329	361	354	312	336	373
TOTAL.....	5,465	5,595	5,210	5,310	5,705	6,375	6,982	6,852	6,039	6,511	7,229
TOTAL (1).....	5,465	5,595	5,210	5,310	5,705	6,375	6,982	6,852	6,039	6,511	7,229

NETHERLANDS : ENGINES

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....											
2. EXECUTIVE STAFF											
-TECHNICAL.....											
-ADMINISTRATIVE.....											
3. WORKERS.....											
1. R-D.....											
2. PRODUCTION.....											
3. MARKETING AND MANAGEMENT.....											
TOTAL.....											
TOTAL (1).....											

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

NETHERLANDS : EQUIPMENT

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	214	218	202	193	207	232	254	250	221	238	264
2. EXECUTIVE STAFF											
-TECHNICAL.....	432	442	411	395	424	473	518	509	448	483	536
-ADMINISTRATIVE.....	505	517	481	461	495	553	605	593	523	564	626
3. WORKERS.....	878	903	840	852	915	1,020	1,118	1,097	966	1,042	1,157
1. R-D.....	82	83	78	75	80	89	96	95	83	89	99
2. PRODUCTION.....	1,028	1,053	978	971	1,043	1,164	1,276	1,252	1,103	1,189	1,320
3. MARKETING AND MANAGEMENT.....	919	944	878	855	918	1,025	1,123	1,102	972	1,049	1,164
TOTAL.....	2,029	2,080	1,934	1,901	2,041	2,278	2,495	2,449	2,158	2,327	2,583
TOTAL (1).....	2,029	2,080	1,934	1,901	2,041	2,278	2,495	2,449	2,158	2,327	2,583

NETHERLANDS : SPACE

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	62	63	59	57	61	67	73	72	65	70	78
2. EXECUTIVE STAFF											
-TECHNICAL.....	59	59	54	53	56	62	68	67	59	64	71
-ADMINISTRATIVE.....											
3. WORKERS.....	67	68	63	61	72	80	88	87	77	83	92
1. R-D.....	95	96	89	86	91	101	111	109	96	104	115
2. PRODUCTION.....	48	49	45	44	47	52	57	56	49	53	59
3. MARKETING AND MANAGEMENT.....	45	45	42	41	51	56	61	61	56	60	67
TOTAL.....	188	190	176	171	189	209	229	226	201	217	241
TOTAL (1).....	188	190	176	171	189	209	229	226	201	217	241

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

NETHERLANDS : AIRFRAMES, MISSILES AND SPACE

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	476	486	453	459	493	556	608	597	528	569	632
2. EXECUTIVE STAFF											
-TECHNICAL.....	793	810	753	765	820	915	1,003	984	867	935	1,038
-ADMINISTRATIVE.....	1,107	1,134	1,054	1,076	1,156	1,290	1,412	1,386	1,221	1,316	1,461
3. WORKERS.....	3,277	3,355	3,126	3,181	3,425	3,823	4,188	4,111	3,624	3,908	4,339
1. R-D.....	1,073	1,097	1,020	1,035	1,111	1,246	1,365	1,339	1,180	1,273	1,413
2. PRODUCTION.....	4,250	4,352	4,052	4,128	4,436	4,953	5,424	5,324	4,692	5,059	5,617
3. MARKETING AND MANAGEMENT.....	330	336	314	318	347	385	422	415	368	396	440
TOTAL.....	5,653	5,785	5,386	5,481	5,894	6,584	7,211	7,078	6,240	6,728	7,470
TOTAL (1).....	5,653	5,785	5,386	5,481	5,894	6,584	7,211	7,078	6,240	6,728	7,470

NETHERLANDS : TOTAL

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	690	704	655	652	700	788	862	847	749	807	896
2. EXECUTIVE STAFF											
-TECHNICAL.....	1,225	1,252	1,164	1,160	1,244	1,388	1,521	1,493	1,315	1,418	1,574
-ADMINISTRATIVE.....	1,612	1,651	1,535	1,537	1,651	1,843	2,017	1,979	1,744	1,880	2,087
3. WORKERS.....	4,155	4,258	3,966	4,033	4,340	4,843	5,306	5,208	4,590	4,950	5,496
1. R-D.....	1,155	1,180	1,098	1,110	1,191	1,335	1,461	1,434	1,263	1,362	1,512
2. PRODUCTION.....	5,278	5,405	5,030	5,099	5,479	6,117	6,700	6,576	5,795	6,248	6,937
3. MARKETING AND MANAGEMENT.....	1,249	1,280	1,192	1,173	1,265	1,410	1,545	1,517	1,340	1,445	1,604
TOTAL.....	7,682	7,865	7,320	7,382	7,935	8,862	9,706	9,527	8,398	9,055	10,053
TOTAL (1).....	7,682	7,865	7,320	7,382	7,935	8,862	9,706	9,527	8,398	9,055	10,053

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

UNITED KINGDOM : AIRCRAFT AND MISSILES

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	16,395	16,565	16,316	15,810	12,454	14,656	14,493	15,287	17,331	16,893	16,058
2. EXECUTIVE STAFF											
-TECHNICAL.....	10,630	14,044	12,231	11,906	10,193	13,992	15,139	16,617	15,997	13,578	15,711
-ADMINISTRATIVE.....	14,929	15,483	14,014	14,194	12,901	14,836	14,954	14,813	13,718	13,406	13,888
3. WORKERS.....	42,834	39,865	38,065	39,210	38,327	40,423	47,724	48,236	42,969	37,967	41,142
1. R-D.....	-	14,189	14,275	13,066	10,473	13,906	18,277	19,275	20,137	19,675	15,971
2. PRODUCTION.....	-	51,393	47,642	47,983	43,478	48,696	52,155	52,889	49,229	42,518	50,864
3. MARKETING AND MANAGEMENT.....	-	20,375	18,709	20,071	19,924	21,305	21,878	22,789	20,649	19,651	19,964
TOTAL.....	84,788	85,957	80,626	81,120	73,875	83,907	92,310	94,953	90,015	81,844	86,799
TOTAL (1).....	84,788	85,957	80,626	81,120	73,875	83,907	92,310	94,953	90,015	81,844	86,799

UNITED KINGDOM : ENGINES

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	11,980	8,535	11,967	9,088	9,198	9,412	9,364	10,251	9,799	8,098	8,303
2. EXECUTIVE STAFF											
-TECHNICAL.....	6,377	9,870	6,598	9,155	9,451	8,242	11,706	7,031	8,935	6,720	5,454
-ADMINISTRATIVE.....	9,516	8,967	8,284	7,341	7,917	8,618	9,790	6,011	5,948	4,542	5,372
3. WORKERS.....	40,816	38,019	36,423	34,233	31,958	36,714	40,082	30,378	26,582	21,270	21,572
1. R-D.....	-	17,376	15,640	12,305	12,821	9,070	10,996	9,070	9,328	8,589	8,141
2. PRODUCTION.....	-	38,003	37,498	34,938	32,394	42,767	47,815	33,115	30,280	23,273	23,891
3. MARKETING AND MANAGEMENT.....	-	10,012	10,134	12,574	13,309	11,149	12,131	11,486	11,656	8,768	8,669
TOTAL.....	68,689	65,391	63,272	59,817	58,524	62,986	70,942	53,671	51,264	40,630	40,701
TOTAL (1).....	68,689	65,391	63,272	59,817	58,524	62,986	70,942	53,671	51,264	40,630	40,701

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

UNITED KINGDOM : EQUIPMENT

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	13,675	14,775	15,308	15,879	12,600	18,736	18,511	16,436	16,931	18,390	18,990
2. EXECUTIVE STAFF											
-TECHNICAL.....	11,268	10,276	10,903	11,404	9,809	13,423	14,260	12,526	12,731	13,173	14,398
-ADMINISTRATIVE.....	15,058	12,714	12,263	12,203	10,302	13,694	13,925	13,443	12,613	13,616	13,324
3. WORKERS.....	38,323	36,532	33,860	33,055	26,917	32,658	36,747	36,495	34,337	32,582	29,865
1. R-D.....	-	13,522	14,614	15,445	16,181	22,651	25,766	20,803	21,513	22,986	23,739
2. PRODUCTION.....	-	48,608	45,693	44,988	32,320	39,325	41,858	42,744	42,190	40,910	40,050
3. MARKETING AND MANAGEMENT.....	-	12,167	12,037	12,108	11,127	16,535	15,819	15,353	12,909	13,865	12,788
TOTAL.....	78,324	74,297	72,334	72,541	59,628	78,511	83,443	78,900	76,612	77,761	76,577
TOTAL (1).....	78,324	74,297	72,334	72,541	59,628	78,511	83,443	78,900	76,612	77,761	76,577

UNITED KINGDOM : SPACE

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	459	568	820	476	1,328	1,826	800	936			
2. EXECUTIVE STAFF											
-TECHNICAL.....	284	297	917	209	1,001	682	476	587			
-ADMINISTRATIVE.....	370	303	422	237	696	735	576	707			
3. WORKERS.....	878	589	860	518	1,514	1,174	1,316	1,207			
1. R-D.....	-	498	707	482	1,598	2,075	1,355	1,655			
2. PRODUCTION.....	-	825	1,815	708	2,163	1,573	1,357	1,286			
3. MARKETING AND MANAGEMENT.....	-	434	497	250	778	769	456	496			
TOTAL.....	1,991	1,757	3,019	1,440	4,539	4,417	3,168	3,437			
TOTAL (1).....	1,991	1,757	3,019	1,440	4,539	4,417	3,168	3,437			

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

UNITED KINGDOM : AIRFRAMES, MISSILES AND SPACE

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	16,854	17,133	17,136	16,286	13,782	16,482	15,293	16,223	17,331	16,893	16,058
2. EXECUTIVE STAFF											
-TECHNICAL.....	10,914	14,341	13,148	12,115	11,194	14,674	15,615	17,204	15,997	13,578	15,711
-ADMINISTRATIVE.....	15,299	15,786	14,436	14,431	13,597	15,571	15,530	15,520	13,718	13,406	13,888
3. WORKERS.....	43,712	40,454	38,925	39,728	39,841	41,597	49,040	49,443	42,969	37,967	41,142
1. R-D.....	-	14,687	14,982	13,548	12,071	15,981	19,632	20,930	20,137	19,675	15,971
2. PRODUCTION.....	-	52,218	49,457	48,691	45,641	50,269	53,512	54,175	49,229	42,518	50,864
3. MARKETING AND MANAGEMENT.....	-	20,809	19,206	20,321	20,702	22,074	22,334	23,285	20,649	19,651	19,964
TOTAL.....	86,779	87,714	83,645	82,560	78,414	88,324	95,478	98,390	90,015	81,844	86,799
TOTAL (1).....	86,779	87,714	83,645	82,560	78,414	88,324	95,478	98,390	90,015	81,844	86,799

UNITED KINGDOM : TOTAL

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	42,509	40,443	44,411	41,253	35,580	44,630	43,168	42,910	44,061	43,381	43,351
2. EXECUTIVE STAFF											
-TECHNICAL.....	28,559	34,487	30,649	32,674	30,454	36,339	41,581	36,761	37,663	33,471	35,563
-ADMINISTRATIVE.....	39,873	37,467	34,983	33,975	31,816	37,883	39,245	34,974	32,279	31,564	32,584
3. WORKERS.....	122,851	115,005	109,208	107,016	98,716	110,969	125,869	116,316	103,888	91,819	92,579
1. R-D.....	-	45,585	45,236	41,298	41,073	47,702	56,394	50,803	50,978	51,250	47,851
2. PRODUCTION.....	-	138,829	132,648	128,617	110,355	132,361	143,185	130,034	121,699	106,701	114,805
3. MARKETING AND MANAGEMENT.....	-	42,988	41,377	45,003	45,138	49,758	50,284	50,124	45,214	42,284	41,421
TOTAL.....	233,792	227,402	219,251	214,918	196,566	229,821	249,863	230,961	217,891	200,235	204,077
TOTAL (1).....	233,792	227,402	219,251	214,918	196,566	229,821	249,863	230,961	217,891	200,235	204,077

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

SPAIN : AIRCRAFT AND MISSILES

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	-	-	-	-	465	493	565	652	803	-	-
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	-	-	-	857	997	1,129	1,186	1,331	-	-
-ADMINISTRATIVE.....	-	-	-	-	1,077	1,170	1,306	1,402	1,171	-	-
3. WORKERS.....	-	-	-	-	4,014	4,630	5,553	5,993	6,230	-	-
1. R-D.....	-	-	-	-	207	222	282	286	644	-	-
2. PRODUCTION.....	-	-	-	-	5,723	6,516	7,676	8,277	8,195	-	-
3. MARKETING AND MANAGEMENT.....	-	-	-	-	483	552	595	670	696	-	-
TOTAL.....	-	-	-	-	6,413	7,290	8,553	9,233	9,535	-	-
TOTAL (1).....	-	-	-	-	6,413	7,290	8,553	9,233	9,535	-	-

SPAIN : ENGINES

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	-	-	-	-	19	20	20	22	22	-	-
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	-	-	-	20	20	21	21	25	-	-
-ADMINISTRATIVE.....	-	-	-	-	42	46	49	58	40	-	-
3. WORKERS.....	-	-	-	-	133	140	150	158	174	-	-
1. R-D.....	-	-	-	-						-	-
2. PRODUCTION.....	-	-	-	-	214	226	235	259	219	-	-
3. MARKETING AND MANAGEMENT.....	-	-	-	-			5		42	-	-
TOTAL.....	-	-	-	-	214	226	240	259	261	-	-
TOTAL (1).....	-	-	-	-	214	226	240	259	261	-	-

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

SPAIN : EQUIPMENT

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	-	-	-	-	89	112	116	119	121	-	-
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	-	-	-	97	112	77	80	91	-	-
-ADMINISTRATIVE.....	-	-	-	-	78	60	53	57	49	-	-
3. WORKERS.....	-	-	-	-	290	231	321	328	325	-	-
1. R-D.....	-	-	-	-	41	52	75	81	83	-	-
2. PRODUCTION.....	-	-	-	-	469	417	430	435	433	-	-
3. MARKETING AND MANAGEMENT.....	-	-	-	-	44	46	62	68	70	-	-
TOTAL.....	-	-	-	-	554	515	567	584	586	-	-
TOTAL (1).....	-	-	-	-	554	515	567	584	586	-	-

SPAIN : SPACE

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	-	-	-	-	44	43	53	58	70	-	-
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	-	-	-	60	67	63	38	31	-	-
-ADMINISTRATIVE.....	-	-	-	-	24	15	15	16	17	-	-
3. WORKERS.....	-	-	-	-	22	21	25	28	38	-	-
1. R-D.....	-	-	-	-	36	60	85	56	63	-	-
2. PRODUCTION.....	-	-	-	-	101	69	49	80	68	-	-
3. MARKETING AND MANAGEMENT.....	-	-	-	-	13	17	22	4	25	-	-
TOTAL.....	-	-	-	-	150	146	156	140	156	-	-
TOTAL (1).....	-	-	-	-	150	146	156	140	156	-	-

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

BREAKDOWN OF WORKFORCE BY OCCUPATIONAL GRADING AND BY MAIN ACTIVITY (AT 31.12)

SPAIN : AIRFRAMES, MISSILES AND SPACE

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	-	-	-	-	509	536	618	710	873	-	-
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	-	-	-	917	1,064	1,192	1,224	1,362	-	-
-ADMINISTRATIVE.....	-	-	-	-	1,101	1,185	1,321	1,418	1,188	-	-
3. WORKERS.....	-	-	-	-	4,036	4,651	5,578	6,021	6,268	-	-
1. R-D.....	-	-	-	-	243	282	367	342	707	-	-
2. PRODUCTION.....	-	-	-	-	5,824	6,585	7,725	8,357	8,263	-	-
3. MARKETING AND MANAGEMENT.....	-	-	-	-	496	569	617	674	721	-	-
TOTAL.....	-	-	-	-	6,563	7,436	8,709	9,373	9,691	-	-
TOTAL (1).....	-	-	-	-	6,563	7,436	8,709	9,373	9,691	-	-

SPAIN : TOTAL

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1. ENGINEERS AND MANAGERIAL STAFF.....	-	-	-	-	617	668	754	851	1,016	-	-
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	-	-	-	1,034	1,196	1,290	1,325	1,478	-	-
-ADMINISTRATIVE.....	-	-	-	-	1,221	1,291	1,423	1,533	1,277	-	-
3. WORKERS.....	-	-	-	-	4,459	5,022	6,049	6,507	6,767	-	-
1. R-D.....	-	-	-	-	284	334	442	423	790	-	-
2. PRODUCTION.....	-	-	-	-	6,507	7,228	8,390	9,051	8,915	-	-
3. MARKETING AND MANAGEMENT.....	-	-	-	-	540	615	684	742	833	-	-
TOTAL.....	-	-	-	-	7,331	8,177	9,516	10,216	10,538	-	-
TOTAL (1).....	-	-	-	-	7,331	8,177	9,516	10,216	10,538	-	-

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN

CHAPTER 8

A E R O S P A C E M A N U F A C T U R E R S



1. Data for the turnover and employment of the major world aerospace manufacturers are taken from information supplied by the companies themselves or published in their annual reports.
2. Except when otherwise stated, the data relating to groups cover only their aerospace operations.
3. The turnover/employment ratio is certainly not the best way of measuring productivity, since it overestimates the position of manufacturers which undertake little R&D activity and/or carry out more work under license or under sub-contracts.

TURNOVER OF THE MAJOR AEROSPACE MANUFACTURERS
(MIO ECU AT CURRENT VALUES)

	1987	1986	1985	1984	1983	1982	1981	1980
(USA) BOEING	12987.6	16603.3	17869.2	13122.9	12501.7	9222.2	8767.5	6770.1
(USA) MC DONNELL-DOUGLAS	NA	11687.6	13635.	11150.9	8506.2	7005.8	6310.5	4157.
(USA) LOCKHEED	NA	10465.4	12495.1	10282.6	7290.5	5729.3	4636.3	3192.6
(USA) GENERAL DYNAMICS	NA	9042.9	10698.5	9500.6	8027.4	6282.5	4262.8	3148.
(USA) NORTHROP	NA	5700.1	6626.9	4674.3	3663.2	2524.2	1783.4	1188.7
(USA) ROCKWELL	NA	5634.	6957.1	5490.5	4319.3	2857.	2042.3	1465.9
(USA) PRATT AND WHITNEY	NA	5538.5	6889.	6791.4	5780.8	5397.6	4994.6	3492.8
(UK) BRITISH AEROSPACE	NA	4671.4	4495.4	4178.4	3918.7	3663.1	3004.5	2377.8
(FR) AEROSPATIALE	3674.8	3617.	3605.6	3658.3	3548.3	3330.9	2735.	2244.
(UK) ROLLS-ROYCE	NA	2683.4	2718.3	2385.6	2267.4	2663.9	2608.9	2102.
(DE) M. B. B.	3113.7	2646.8	2700.	2555.3	2587.5	2389.7	1929.3	1308.9
(USA) GRUMMAN	NA	2546.2	4061.1	3300.4	2533.1	2098.6	1601.6	1119.7
(USA) CESSNA	NA	2368.4	3749.2	3008.9	1794.	849.2	950.4	718.2
(FR) DASSAULT-BREGUET	3036.9	2294.5	2419.3	2283.6	2070.4	1966.8	2062.8	1830.
(USA) LTV	1216.	1635.8	1876.6	1562.7	1216.6	1657.7	1641.9	611.2
(FR) SNECMA	1532.9	1500.	1384.	1191.6	977.1	923.8	720.5	593.8
(IS) I. A. I.	1007.3	1067.9	1322.2	1142.	875.1	732.9	736.3	475.5
(FR) MATRA	NA	828.3	840.5	802.3	777.3	780.1	657.5	440.1
(JPN) KAWASAKI H. I.	751.	800.5	730.8	651.3	482.4	411.6	222.8	123.5
(USA) FAIRCHILD	NA	653.6	755.3	648.7	510.	470.3	NA	NA
(NL) FOKKER	599.8	584.4	533.3	619.	604.6	516.1	467.	409.
(DE) M. T. U.	627.7	577.5	537.3	496.8	439.9	413.6	354.1	270.1
(DE) DORNIER	NA	541.8	606.8	428.	377.9	511.4	368.4	291.6
(UK) WESTLAND (GROUP)	NA	512.3	523.6	501.7	555.4	506.4	465.9	408.2
(SWE) SAAB AEROSPACE	NA	467.7	499.4	295.2	212.7	189.9	196.3	155.4
(IT) FIAT AVIAZIONE	NA	414.5	310.	261.2	252.5	226.4	164.	124.
(FR) S. E. P.	494.	384.3	333.	263.1	205.9	186.7	174.7	154.7
(CDN) DE HAVILLAND	358.8	375.8	288.	199.7	111.2	372.5	267.5	152.4
(ESP) CASA	516.4	336.8	360.6	323.1	301.5	308.1	233.6	165.8
(USA) GULFSTREAM	NA	300.8	391.8	424.6	288.7	296.	280.4	170.9
(FR) TURBOMECA	322.8	300.	300.1	292.1	292.4	296.1	264.1	217.9
(UK) SHORTS	NA	297.8	340.9	276.	344.6	NA	200.5	151.5
(SWE) VOLVO FLYGMOTOR	NA	266.2	245.5	206.3	162.	171.	124.2	128.9
(JPN) FUJII H. I.	NA	236.4	212.2	193.9	112.	104.9	81.	62.7
(BE) FN-DIVISION MOTEURS	NA	171.2	214.9	139.7	183.9	210.	221.	131.
(IT) AER MACCHI	188.8	159.2	163.2	138.2	160.3	138.4	97.	72.2
(IT) ALFA ROMEO AVIO	127.4	116.3	103.5	95.3	90.9	67.9	55.8	NA
(BE) SABCA	NA	70.4	70.7	56.1	70.3	100.	120.	98.
(BE) SONACA	NA	50.2	58.6	56.2	49.	54.4	71.7	64.9
(USA) SIKORSKY	NA	NA	1965.7	1954.4	1491.8	1122.8	777.5	448.9
(USA) MARTIN MARIETTA AERO	NA	NA	4988.9	4147.9	2893.2	2355.8	1723.4	NA
(USA) GENERAL ELECTRIC	NA	NA	7653.	4860.6	3926.1	3205.1	2642.4	1909.8
(JPN) MITSUBISHI H. I.	NA	NA	NA	NA	NA	632.	487.	316.
(USA) GATES LEARJET	NA	NA	415.4	514.6	393.7	559.8	506.	301.
(IT) AGUSTA	NA	NA	526.9	398.9	481.8	359.1	382.1	NA
(CDN) CANADAIR	NA	NA	NA	367.2	NA	355.1	215.2	70.7
(IT) AERITALIA	NA	NA	NA	1430.8	1215.8	1207.5	NA	NA
(JPN) ISHIKAWAJIMA HARIMA	NA	NA	587.1	534.5	416.4	308.	256.7	155.5
(IN) HINDUSTAN INDUSTRIES	NA	NA	NA	521.9	358.	267.6	230.3	151.9
(AUS) GAF	NA	NA	50.4	43.1	54.8	25.4	36.8	25.1

FIGURES ARE RELATED TO FISCAL YEARS OR TO CALENDAR YEARS

EEC - DG III / SOURCE: FIRMS

WORKFORCE OF THE MAJOR AEROSPACE MANUFACTURERS

	1987	1986	1985	1984	1983	1982	1981	1980
(USA) BOEING	NA	118500	98700	86600	84600	95700	105300	106300
(USA) LOCKHEED	97300	96900	87800	81300	71800	70200	71300	74600
(USA) MC DONNELL-DOUGLAS	NA	92289	83310	72690	62820	60970	64890	73480
(UK) BRITISH AEROSPACE	NA	75480	75645	75998	77986	78990	79180	77500
(UK) ROLLS-ROYCE	NA	42000	41700	40900	42300	48800	56000	58800
(USA) ROCKWELL	NA	41100	45700	43300	42300	29000	29000	29100
(DE) M. B. B.	39203	37642	36915	35485	36790	38494	39623	26287
(USA) GRUMMAN	NA	35000	32000	30500	28800	27300	28600	27800
(FR) AEROSPATIALE	33618	34246	34889	35456	35463	36450	35390	34422
(IS) I. A. I.	20756	21674	22070	21650	20670	19630	19711	20188
(FR) DASSAULT-BREGUET	NA	15783	16123	16196	15799	15782	15789	15843
(FR) SNECMA	NA	13918	13862	13442	12950	12595	11928	11460
(USA) FAIRCHILD	NA	11230	12380	12726	11949	13305	NA	NA
(NL) FOKKER	10700	10860	10053	9055	8398	9606	9706	8862
(UK) WESTLAND (GROUP)	NA	10595	11613	11892	12305	12195	12736	12662
(ESP) CASA	10672	10374	10238	10037	9836	9622	8896	8270
(USA) LTV	9662	9678	9293	7364	9985	9810	10696	10538
(DE) DORNIER	NA	7520	6904	6806	6729	6881	6701	6414
(UK) SHORTS	NA	7216	6587	6164	6265	NA	7096	6629
(DE) M. T. U.	7300	7016	6613	6260	6169	6195	6369	6456
(SWE) SAAB AEROSPACE	6000	6500	6443	6115	6165	6178	5716	5178
(USA) CESSNA	NA	5301	8269	9297	8437	11542	15830	18024
(CDN) DE HAVILLAND	5800	5231	4398	3501	2862	3433	4723	5242
(FR) MATRA	NA	4933	4846	4810	4357	3712	3507	3314
(IT) FIAT AVIAZIONE	NA	4528	3604	3466	3485	3565	3557	3555
(FR) TURBOMECA	4320	4331	4291	4247	4262	4330	4363	4400
(JPN) KAWASAKI H. I.	4000	3900	3700	3700	3700	3700	3500	3400
(FR) S. E. P.	3953	3886	3708	3571	3408	3200	2954	2736
(SWE) VOLVO FLYGMOTOR	NA	3587	3463	3326	3125	3146	2974	3118
(USA) GULFSTREAM	3606	3411	3234	2949	2714	2239	1891	1884
(JPN) ISHIKAWAJIMA HARIMA	NA	3200	3500	3500	3500	3550	3500	3230
(IT) AER MACCHI	2550	2474	2435	2454	2506	2542	2495	2251
(BE) FN-DIVISION MOTEURS	NA	2214	2308	2302	2368	2579	2448	2282
(JPN) FUJI H. I.	NA	2179	2130	2178	2131	1974	1958	1926
(BE) SABCA	NA	1598	1458	1669	1752	1968	2147	1870
(USA) GATES LEARJET	NA	1424	1782	2468	2679	1040	2622	2109
(BE) SONACA	NA	1380	1337	1309	1417	1604	1754	1803
(IT) ALFA ROMEO AVIO	1250	1250	1250	1255	1316	1369	1355	NA
(USA) SIKORSKY	NA	0	NA	NA	NA	NA	NA	NA
(JPN) MITSUBISHI H. I.	NA	0	NA	NA	NA	6000	6000	6000
(USA) NORTHROP	NA	0	46900	41500	37200	35500	31400	30200
(USA) GENERAL ELECTRIC	NA	0	37818	32229	29715	29828	28742	31488
(USA) GENERAL DYNAMICS	NA	0	103300	NA	NA	85100	74400	76100
(USA) MARTIN MARIETTA AERO	NA	0	50000	NA	NA	27962	27600	NA
(IT) AGUSTA	NA	0	3585	3871	4181	4296	4201	NA
(CDN) CANADAIR	NA	0	NA	NA	NA	6500	7000	6300
(IT) AERITALIA	NA	0	NA	12321	12286	12293	12135	11500
(USA) PRATT AND WHITNEY	NA	0	47842	NA	NA	NA	NA	NA
(IN) HINDUSTAN INDUSTRIES	NA	0	NA	42389	41462	40379	40422	40903
(AUS) GAF	NA	0	2337	2335	2352	2438	2522	2437

FIGURES ARE RELATED TO FISCAL YEARS OR TO CALENDAR YEARS

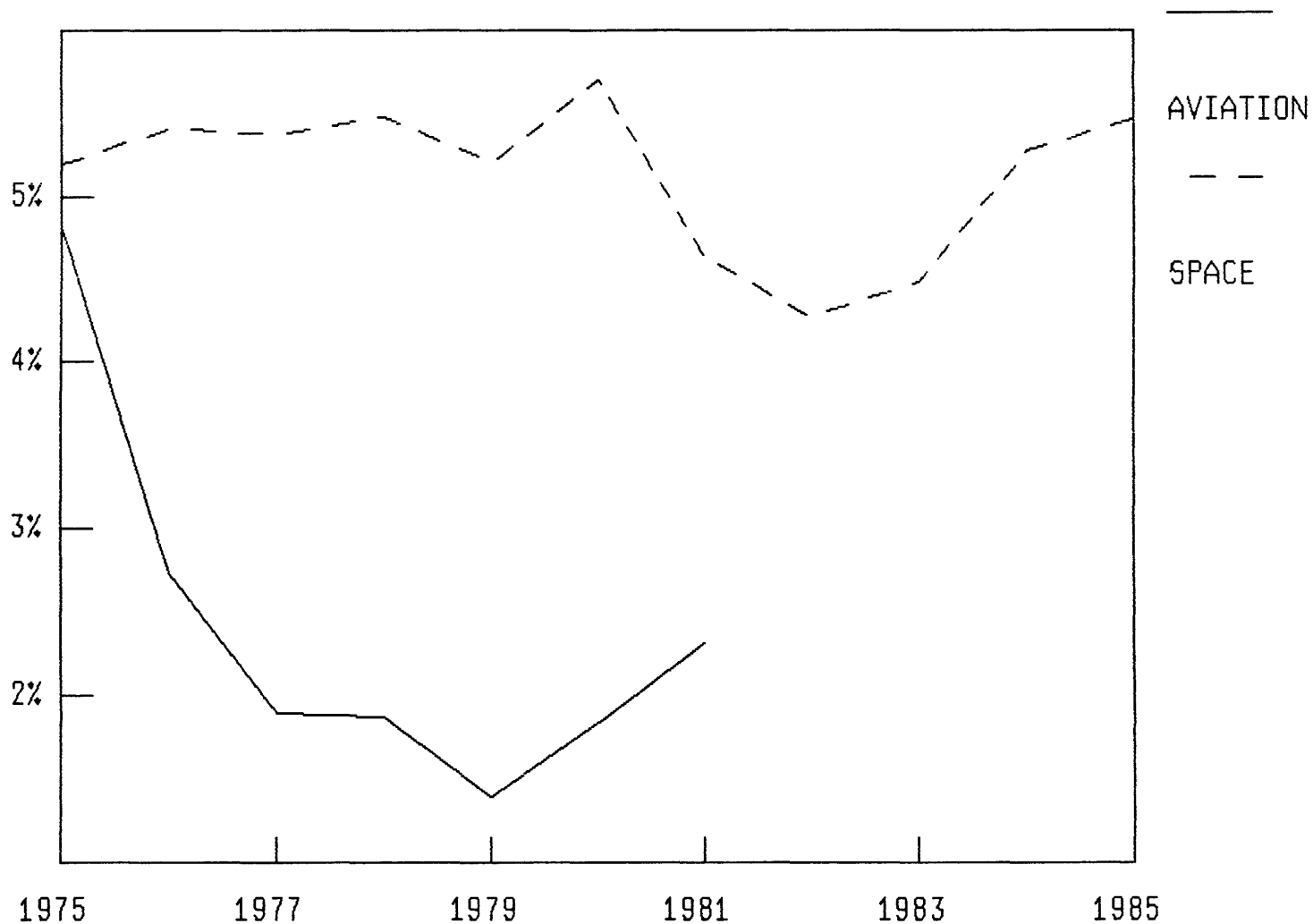
EEC - DG III / SOURCE: FIRMS

CHAPTER 9

PUBLIC FINANCING OF R & D IN THE
CIVIL AEROSPACE ACTIVITIES

1. Data given in the following tables are supplied by the SOEC (Statistical Office of the European Communities) and include funds for R&D granted to industry and to research centers, laboratories, universities, etc.
2. The data relating to space R&D comprise since 1980 credits allocated to the European Space Agency (ESA). This must be taken into account when analyzing time series.
3. Although a comparison of statistics from different sources can sometimes produce misleading results, it should be pointed out that the difference between the figures given in the following tables and those given in the chapter on the turnover of the aerospace industry is indicative of the proportion of public funds granted to non-industrial bodies.

PUBLIC FINANCING OF R-D (AS % OF PUBLIC FINANCING OF CIVIL R-D)



PUBLIC FINANCING OF AEROSPACE R-D (MIO ECUS)

CIVIL AVIATION MANUFACTURE

	BE	DK	DE	FR	HE	IR	IT	NL	UK	EEC 10 ESTIM.
1975	3	-	69	162	-	0	0	6	208	441
1976	0	-	63	141	-	0	0	10	112	316
1977	0	-	64	139	-	0	1	12	54	257
1978	0	-	87	139	-	0	0	5	51	277
1979	1	-	80	150	-	0	1	5	37	268
1980	8	-	109	120	-	0	9	-	116	362
1981	4	-	168	112	-	0	6	-	219	508
1982	4	-	172	-	-	0	29	-	154	-
1983	4	-	166	-	-	0	15	-	189	-
1984	-	-	184	-	-	0	39	-	194	-
1985	-	-	343	-	-	0	40	-	203	-
1986	-	-	288	-	-	0	48	-	-	-

SPACE

	BE	DK	DE	FR	HE	IR	IT	NL	UK	EEC 10 ESTIM.
1975	13	7	177	177	-	0	48	16	54	468
1976	23	9	209	181	-	0	56	21	61	529
1977	25	10	210	186	-	0	59	28	63	543
1978	26	8	235	197	0	1	78	37	63	599
1979	25	9	266	207	0	0	88	36	69	655
1980	29	8	290	328	0	1	81	36	87	816
1981	27	8	292	278	0	1	121	40	123	839
1982	26	9	340	318	0	1	92	42	131	906
1983	31	11	338	395	0	1	123	41	127	1,015
1984	37	12	341	509	1	1	216	39	134	1,235
1985	43	14	369	560	1	2	260	39	143	1,375
1986	47	-	-	-	-	-	-	-	-	-

EEC - DG III / SOURCE: EUROSTAT

PUBLIC FINANCING OF AEROSPACE R-D (MIO ECUS)

CIVIL AVIATION MANUFACTURE + SPACE

	BE	DK	DE	FR	HE	IR	IT	NL	UK	EEC 10 ESTIM.
1975	16	-	246	339	-	0	48	22	261	910
1976	23	-	272	322	-	0	56	32	173	845
1977	25	-	273	325	-	0	60	40	117	800
1978	26	-	322	336	-	1	79	42	113	877
1979	26	-	345	357	-	0	89	40	106	923
1980	37	-	399	448	-	1	90	-	203	1,178
1981	31	-	459	389	-	1	127	-	341	1,348
1982	30	-	511	-	-	1	121	-	284	-
1983	35	-	504	-	-	1	137	-	317	-
1984	-	-	524	-	-	1	255	-	328	-
1985	-	-	712	-	-	2	299	-	346	-
1986	-	-	-	-	-	-	-	-	-	-

EEC - DG III / SOURCE: EUROSTAT

PUBLIC FINANCING OF AEROSPACE R-D (AS % OF CIVIL R-D)

CIVIL AVIATION MANUFACTURE

	BE	DK	DE	FR	HE	IR	IT	NL	UK	EEC 10 ESTIM.
1975	0.7	-	1.9	7.3	-	0.0	0.0	1.0	16.4	5.4
1976	0.1	-	1.5	6.0	-	0.0	0.0	1.3	8.1	3.6
1977	0.0	-	1.5	5.6	-	0.0	0.1	1.4	4.2	2.8
1978	0.1	-	1.8	5.3	-	0.0	0.0	0.6	4.1	2.8
1979	0.1	-	1.4	5.1	-	0.0	0.1	0.5	2.5	2.4
1980	1.5	-	1.8	3.6	-	0.0	0.7	-	6.1	2.8
1981	0.8	-	2.6	2.7	-	0.0	0.3	-	7.6	3.2
1982	0.7	-	2.3	-	-	0.0	1.4	-	4.5	-
1983	0.7	-	2.2	-	-	0.0	0.6	-	5.5	-
1984	-	-	2.4	-	-	0.0	1.3	-	5.4	-
1985	-	-	4.1	-	-	0.0	1.2	-	5.4	-
1986	-	-	-	-	-	-	-	-	-	-

SPACE

	BE	DK	DE	FR	HE	IR	IT	NL	UK	EEC 10 ESTIM.
1975	3.6	3.7	4.8	7.9	-	0.0	8.8	2.5	4.2	5.8
1976	5.1	4.0	5.1	7.8	-	0.0	9.3	2.8	4.4	6.0
1977	5.1	4.2	5.0	7.5	-	0.4	8.7	3.2	4.9	5.9
1978	6.1	3.7	4.8	7.5	0.1	1.6	10.3	3.7	5.1	6.0
1979	5.3	3.9	4.8	7.0	0.3	0.5	9.8	3.5	4.7	5.8
1980	5.6	3.6	4.8	9.8	0.4	0.9	6.4	3.3	4.6	6.2
1981	5.0	3.2	4.5	6.7	0.3	1.7	6.3	3.5	4.3	5.3
1982	4.8	3.4	4.6	6.7	0.3	1.5	4.3	3.3	3.8	4.9
1983	5.9	3.4	4.5	7.2	0.0	1.3	4.6	2.8	3.7	5.1
1984	6.3	3.3	4.4	8.4	0.5	1.6	7.0	2.6	3.7	5.8
1985	6.7	3.2	4.4	8.2	0.6	1.6	7.9	2.6	3.8	6.0
1986	7.4	-	-	-	-	-	-	-	-	-

EEC - DG III / SOURCE: EUROSTAT

PUBLIC FINANCING OF AEROSPACE R-D (AS % OF CIVIL R-D)

CIVIL AVIATION MANUFACTURE + SPACE

	BE	DK	DE	FR	HE	IR	IT	NL	UK	EEC 10 ESTIM.
1975	4.3	-	6.6	15.2	-	0.0	8.8	3.5	20.6	11.2
1976	5.1	-	6.6	13.8	-	0.0	9.3	4.1	12.5	9.5
1977	5.1	-	6.5	13.2	-	0.4	8.8	4.6	9.1	8.7
1978	6.2	-	6.6	12.8	-	1.6	10.3	4.3	9.1	8.8
1979	5.5	-	6.2	12.1	-	0.5	9.9	4.0	7.3	8.1
1980	7.1	-	6.6	13.3	-	0.9	7.1	-	10.7	9.0
1981	5.8	-	7.1	9.4	-	1.7	6.6	-	11.9	8.5
1982	5.5	-	6.9	-	-	1.5	5.6	-	8.2	-
1983	6.6	-	6.6	-	-	1.3	5.2	-	9.1	-
1984	-	-	6.7	-	-	1.6	8.3	-	9.1	-
1985	-	-	8.6	-	-	1.6	9.1	-	9.3	-
1986	-	-	-	-	-	-	-	-	-	-

EEC - DG III / SOURCE: EUROSTAT

A N N E X E S

EXCHANGE RATES

ANNEXE1

1 ECU =

	DM	FF	LIT	HFL	BFR	UKL	PTA	US \$	CA \$	YEN	SEK
1970	3.742	5.678	638.9	3.700	50.11	0.4259	71.36	1.022	1.067	368.0	5.301
1971	3.646	5.772	647.4	3.658	50.87	0.4286	72.57	1.048	1.058	363.8	5.352
1972	3.577	5.657	654.3	3.600	49.36	0.4489	72.00	1.122	1.110	339.7	5.342
1973	3.276	5.468	716.5	3.429	47.80	0.5023	71.81	1.232	1.232	333.2	5.373
1974	3.083	5.734	775.7	3.202	46.40	0.5098	68.82	1.193	1.166	347.5	5.291
1975	3.049	5.319	809.5	3.135	45.57	0.5600	71.16	1.241	1.262	367.7	5.146
1976	2.815	5.345	930.1	2.955	43.16	0.6216	74.74	1.118	1.102	331.2	4.869
1977	2.648	5.606	1,006.8	2.800	40.88	0.6537	86.85	1.141	1.213	305.8	5.107
1978	2.556	5.740	1,080.2	2.754	40.06	0.6639	97.43	1.274	1.453	267.1	5.755
1979	2.511	5.830	1,138.5	2.749	40.16	0.6464	91.97	1.371	1.605	300.5	5.874
1980	2.524	5.869	1,189.2	2.760	40.60	0.5985	99.70	1.392	1.627	315.0	5.888
1981	2.514	6.040	1,263.2	2.775	41.29	0.5531	102.68	1.116	1.338	245.4	5.635
1982	2.376	6.431	1,323.8	2.614	44.71	0.5605	107.56	0.980	1.208	243.5	6.125
1983	2.271	6.771	1,349.9	2.537	45.44	0.5870	127.50	0.890	1.097	211.4	6.823
1984	2.238	6.872	1,381.4	2.523	45.44	0.5906	126.57	0.789	1.021	187.1	6.521
1985	2.226	6.795	1,448.0	2.511	44.91	0.5890	129.16	0.763	1.042	180.6	6.550
1986	2.128	6.800	1,461.9	2.401	43.80	0.6715	137.46	0.984	1.368	165.0	7.005
1987	2.071	6.915	1,490.8	2.334	42.98	0.7109	143.31	1.136	1.533	166.4	7.300

EEC - DG III / SOURCE: COMMISSION SERVICES

MIO ECU AT CURRENT PRICES

	BE	DE	FR	IT	NL	UK	EEC 10	ES	USA	CDN	JAPAN
1970	25.2	180.5	137.8	113.4	32.7	120.5	639.8	36.2	987.3	81.0	199.3
1971	27.2	205.9	151.1	122.0	37.3	134.6	710.9	40.3	1,045.4	91.3	221.8
1972	31.3	230.3	173.4	132.3	42.9	142.2	789.3	47.7	1,072.9	97.1	272.0
1973	36.7	280.0	203.8	144.4	51.3	146.6	906.1	57.7	1,092.0	102.6	337.7
1974	44.3	319.3	222.9	164.5	62.4	164.4	1,028.1	74.3	1,221.1	129.4	386.3
1975	49.8	336.8	273.0	178.5	70.2	189.1	1,153.2	84.7	1,276.5	134.8	403.4
1976	59.7	398.4	313.9	194.1	85.3	203.3	1,321.8	96.9	1,578.4	178.1	502.9
1977	68.0	452.3	336.2	217.6	98.2	222.5	1,469.7	105.8	1,724.2	178.1	607.0
1978	74.6	502.8	373.0	237.1	107.8	252.6	1,630.2	115.5	1,741.5	164.9	765.3
1979	79.4	554.5	419.0	273.5	115.0	303.8	1,836.3	143.0	1,798.3	170.7	737.3
1980	84.8	585.9	471.9	328.3	122.0	383.9	2,070.6	152.5	1,931.0	189.1	762.4
1981	86.2	613.0	515.0	370.5	127.1	457.8	2,274.2	165.5	2,695.7	264.1	1,048.8
1982	86.7	672.5	554.6	411.8	141.1	491.3	2,477.0	181.9	3,186.1	307.9	1,107.1
1983	90.5	737.6	581.2	467.9	150.2	511.3	2,664.9	174.4	3,767.1	366.3	1,326.0
1984	96.9	783.8	623.3	521.7	157.9	540.3	2,862.0	198.5	4,706.0	430.6	1,593.3
1985	104.5	826.4	674.8	556.5	165.3	595.0	3,070.7	216.2	5,171.8	453.5	1,754.4
1986	114.6	914.2	720.8	611.8	178.3	556.0	3,249.1	233.9	4,224.8	366.2	2,003.2
1987	120.8	970.4	740.8	651.9	184.7	563.9	3,391.3	246.8	3,868.9	349.1	2,057.8

EEC - DG III / SOURCE: COMMISSION SERVICES

MIO ECU AT 1980 PRICES AND EXCHANGE RATES

	BE	DE	FR	IT	NL	UK	EEC 10	ES	USA	CDN	JAPAN
1970	61.8	448.9	330.1	240.9	91.7	317.7	1,560.5	105.6	1,467.3	118.3	485.0
1971	64.1	461.7	348.1	245.0	95.5	326.6	1,612.0	111.1	1,515.9	127.9	505.2
1972	67.5	481.3	369.0	252.8	98.6	333.4	1,679.4	120.1	1,595.0	135.2	547.2
1973	71.5	504.0	388.2	271.0	103.2	359.7	1,776.7	129.6	1,671.3	145.8	590.2
1974	74.4	505.3	401.1	282.4	107.4	356.2	1,803.7	137.0	1,657.7	152.1	582.9
1975	73.3	497.3	401.7	271.9	107.3	353.9	1,785.1	138.4	1,641.6	156.0	598.2
1976	77.3	524.0	422.3	288.1	112.8	367.1	1,874.9	142.5	1,722.2	165.7	628.7
1977	77.6	539.2	435.7	293.4	115.3	371.1	1,918.7	147.3	1,800.2	171.6	660.5
1978	79.9	555.3	452.1	301.3	118.1	384.4	1,980.8	150.0	1,892.7	179.3	693.9
1979	81.5	578.2	467.0	315.9	121.0	392.9	2,049.4	150.2	1,930.5	186.3	730.3
1980	84.8	585.9	471.9	328.3	122.0	383.9	2,070.6	152.5	1,931.0	189.1	762.4
1981	83.6	586.4	474.1	332.1	121.2	379.5	2,071.2	152.1	2,003.3	196.1	791.6
1982	85.1	582.9	482.7	332.9	119.4	383.1	2,081.5	154.1	1,952.9	189.6	814.3
1983	84.8	591.9	486.2	334.4	121.1	397.3	2,113.3	156.8	2,032.6	195.5	840.0
1984	86.3	608.0	493.7	346.3	124.0	406.1	2,164.9	159.8	2,168.1	206.5	881.8
1985	87.6	624.1	498.9	355.7	126.2	421.3	2,215.5	163.3	2,235.5	214.6	921.6
1986	89.6	640.1	508.9	365.4	129.1	433.5	2,272.1	169.0	2,304.3	221.3	944.4
1987	90.7	648.9	514.6	376.4	131.3	447.5	2,314.9	175.9	2,358.6	226.8	971.5

EEC - DG III / SOURCE: COMMISSION SERVICES

1980 = 100

	BE	DE	FR	IT	NL	UK	EEC 10	ES	USA	CDN	JAPAN
1970	50.3	59.6	40.4	25.3	47.9	27.0	41.0	24.5	49.4	44.9	48.0
1971	53.1	64.4	42.7	27.1	51.8	29.5	44.1	26.4	51.9	46.4	50.7
1972	56.4	67.8	45.3	28.8	56.7	32.0	47.0	28.7	54.2	49.0	53.6
1973	60.5	72.1	48.9	32.1	61.8	34.2	51.0	32.1	57.8	53.3	60.5
1974	68.1	77.2	54.3	38.0	67.4	39.3	57.0	37.4	63.1	61.0	73.1
1975	76.3	81.8	61.6	44.7	74.3	50.0	64.6	43.7	69.3	67.0	78.7
1976	82.1	84.8	67.7	52.7	80.9	57.5	70.5	51.0	73.6	72.8	84.1
1977	88.3	88.0	73.7	62.8	86.4	65.5	76.6	62.6	78.5	77.4	89.2
1978	92.1	91.7	80.7	71.5	91.1	72.9	82.3	75.2	84.2	82.1	93.5
1979	96.4	95.4	89.1	82.9	94.6	83.5	89.6	87.8	91.7	90.4	96.3
1980	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1981	104.9	104.1	111.8	118.5	105.5	111.5	109.8	112.0	107.9	110.8	103.2
1982	112.2	108.6	125.9	137.7	111.9	120.1	119.0	127.4	114.8	120.6	105.1
1983	119.4	112.1	137.9	158.8	114.0	126.2	126.1	142.2	118.5	126.3	105.9
1984	125.7	114.3	147.8	175.0	116.4	131.3	132.2	157.7	123.0	130.9	107.3
1985	132.1	116.8	156.6	190.5	119.2	139.0	138.6	171.5	126.8	135.3	109.1
1986	138.0	120.4	164.1	205.8	120.1	143.9	143.0	190.8	129.6	139.1	111.1
1987	140.9	122.7	169.6	217.1	119.0	149.7	146.5	201.7	133.8	145.0	111.9

EEC - DG III / SOURCE: COMMISSION SERVICES

VALUE ADDED DEFLATOR OF MEANS OF TRANSPORT (1980 = 100)

ANNEXE5

	BE	DE	DK	FR	ES (1)	IT	PO (1)	UK
1970	62.51	61.24	32.50	38.60	24.50	23.84	22.80	26.41
1971	67.03	66.28	34.59	41.24	26.40	26.22	23.90	29.59
1972	69.94	70.06	36.97	43.76	28.70	29.58	25.80	34.51
1973	67.36	72.59	42.56	47.87	32.10	32.28	28.20	36.20
1974	70.66	76.60	43.40	48.41	37.40	40.86	33.50	38.82
1975	82.98	83.51	53.34	58.89	43.70	51.81	39.00	47.93
1976	87.91	88.65	69.51	71.27	51.00	66.94	45.30	57.93
1977	94.32	89.64	82.42	76.75	62.60	71.70	57.30	71.07
1978	97.04	95.81	84.67	80.52	75.20	79.32	69.70	81.53
1979	96.45	97.52	82.51	89.15	87.80	87.97	82.90	91.58
1980	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1981	96.18	103.44	99.89	107.42	112.00	109.69	116.10	117.69
1982	99.83	109.08	104.63	121.26	127.40	116.88	141.90	128.47
1983	105.12	112.68	126.06	130.25	142.20	126.95	175.50	136.85
1984	107.33	117.65	136.52	140.50	157.70	139.84	219.50	145.20
1985	109.26	121.57	117.09	154.05	171.50	153.00	267.00	155.56

EEC - DG III / SOURCE : COMMISSION SERVICES

(1) GDP DEFLATOR AT MARKET PRICES

		AIRFRAME AND MISSILES SECTOR									
		1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....		2,127	2,010	2,439	3,513	3,637	3,627	3,739	4,151	4,419	5,481
- R-D CONTRACTS.....		961	592	749	1,168	1,092	1,131	1,132	1,312	1,567	1,617
- CIVIL.....		70	64	68	70	101	103	98	123	46	40
- MILITARY.....		891	528	680	1,098	991	1,028	1,034	1,189	1,520	1,577
- MODIFICATIONS, REPAIRS, MAINTENANCE.....		289	304	328	472	544	592	644	611	802	819
- CIVIL.....		15	19	21	15	28	31	39	45	32	28
- MILITARY.....		274	285	307	457	516	561	604	566	770	791
- SALES.....		877	1,114	1,362	1,873	2,002	1,904	1,963	2,228	2,051	3,045
- CIVIL.....		23	62	91	440	78	64	86	158	68	36
- MILITARY.....		854	1,051	1,271	1,433	1,923	1,840	1,877	2,069	1,983	3,009
AEROSPACE MANUFACTURERS.....		1,220	1,219	1,494	2,031	3,001	3,950	4,707	5,354	5,320	4,278
- NATIONAL.....		488	454	536	737	938	1,212	1,356	1,441	1,340	1,310
- CIVIL.....		250	234	266	394	532	463	588	892	826	856
- MILITARY.....		238	219	270	343	405	749	768	549	514	455
- EEC 10.....		665	692	822	1,076	1,706	2,369	2,858	3,535	3,589	2,246
- CIVIL.....		291	228	213	286	423	677	1,106	1,271	1,239	598
- MILITARY.....		375	464	609	790	1,284	1,692	1,752	2,264	2,350	1,647
- NON-MEMBER COUNTRIES.....		67	73	136	218	357	369	493	379	391	722
- CIVIL.....		48	41	66	91	140	249	396	303	317	349
- MILITARY.....		19	32	70	127	217	120	97	76	75	373
FINAL USERS.....		2,821	3,049	2,997	2,996	4,252	5,789	6,612	6,471	7,202	8,115
- NATIONAL.....		517	462	328	245	349	410	473	335	500	569
- CIVIL.....		517	462	328	245	349	410	473	335	500	569
- EEC 10.....		304	257	163	218	592	514	714	548	495	773
- CIVIL.....		96	63	105	158	169	160	205	245	241	509
- MILITARY.....		207	194	58	61	423	354	508	303	254	264
- NON-MEMBER COUNTRIES.....		2,000	2,330	2,505	2,532	3,311	4,864	5,425	5,588	6,206	6,773
- CIVIL.....		482	565	655	599	959	1,258	1,104	1,925	2,096	2,463
- MILITARY.....		1,518	1,765	1,850	1,934	2,352	3,606	4,322	3,664	4,111	4,310
TOTAL.....		6,168	6,278	6,930	8,539	10,890	13,365	15,058	15,976	16,941	17,874

	ENGINE SECTOR									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	836	922	913	905	1,207	1,164	1,267	1,241	1,352	1,335
- R-D CONTRACTS.....	300	364	344	358	290	324	346	375	286	318
- CIVIL.....	52	41	36	29	29	21	31	24	16	20
- MILITARY.....	248	323	308	328	261	303	315	351	270	297
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	123	145	153	162	280	287	310	312	372	355
- CIVIL.....	6	3	3	6	25	17	10	9	15	7
- MILITARY.....	118	142	150	156	255	270	300	303	357	349
- SALES.....	412	412	416	385	637	553	610	555	694	662
- CIVIL.....	24	35	18	22	46	40	35	19	16	17
- MILITARY.....	388	378	398	362	590	513	576	535	677	645
AEROSPACE MANUFACTURERS.....	963	964	1,065	1,354	1,722	2,704	2,966	2,828	3,250	3,476
- NATIONAL.....	355	385	339	510	627	877	975	738	775	951
- CIVIL.....	126	110	113	153	315	448	389	256	284	329
- MILITARY.....	229	275	225	358	312	429	586	482	491	622
- EEC 10.....	426	438	511	556	573	1,041	1,156	1,205	1,398	1,263
- CIVIL.....	76	58	43	36	53	78	103	87	102	108
- MILITARY.....	350	379	468	520	520	963	1,052	1,118	1,296	1,155
- NON-MEMBER COUNTRIES.....	183	142	216	288	522	786	836	885	1,078	1,262
- CIVIL.....	105	93	127	172	382	553	513	604	871	969
- MILITARY.....	78	49	89	115	141	233	323	281	206	293
FINAL USERS.....	459	589	699	761	1,062	1,149	1,394	1,165	1,212	1,822
- NATIONAL.....	138	162	203	221	286	234	214	294	237	293
- CIVIL.....	138	162	203	221	286	234	214	294	237	293
- EEC 10.....	67	81	52	71	164	146	213	143	124	108
- CIVIL.....	24	36	18	16	41	34	136	65	56	80
- MILITARY.....	43	45	35	55	123	112	76	78	68	29
- NON-MEMBER COUNTRIES.....	255	346	443	469	611	769	967	728	851	1,420
- CIVIL.....	112	148	180	188	292	328	438	243	330	568
- MILITARY.....	143	198	263	281	319	441	529	485	521	852
TOTAL.....	2,258	2,475	2,677	3,020	3,991	5,017	5,627	5,234	5,814	6,633

	SPACE SECTOR									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	162	150	110	115	229	241	350	449	470	733
- R-D CONTRACTS.....	144	129	90	86	209	151	213	258	281	476
- CIVIL.....	134	124	86	83	196	144	207	180	274	469
- MILITARY.....	10	5	4	3	14	7	6	79	6	7
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	3	2	0	3	5	1	3	5	6	19
- CIVIL.....	3	0	0	3	1	0	0	0	1	13
- MILITARY.....	0	2	0	0	4	1	2	5	5	6
- SALES.....	14	19	20	25	15	90	134	185	183	238
- CIVIL.....	12	16	18	22	5	85	108	176	182	168
- MILITARY.....	2	3	2	4	10	5	26	9	1	70
AEROSPACE MANUFACTURERS.....	111	167	128	147	187	270	529	502	496	650
- NATIONAL.....	47	53	32	55	56	102	147	95	106	212
- CIVIL.....	46	52	32	54	49	97	143	94	104	211
- MILITARY.....	0	1	0	1	7	5	4	0	2	1
- EEC 10.....	53	110	90	85	111	152	357	346	331	406
- CIVIL.....	50	110	90	84	100	151	352	323	331	405
- MILITARY.....	3	0	0	2	11	1	6	24	0	1
- NON-MEMBER COUNTRIES.....	11	4	7	6	20	16	24	61	59	32
- CIVIL.....	10	4	4	5	19	14	18	41	48	31
- MILITARY.....	1	0	2	1	1	1	6	20	10	1
FINAL USERS.....	66	130	114	162	218	256	161	174	331	524
- NATIONAL.....	21	11	9	6	10	14	13	17	95	219
- CIVIL.....	21	11	9	6	10	14	13	17	95	219
- EEC 10.....	37	72	48	113	145	180	81	91	184	221
- CIVIL.....	37	72	48	113	145	180	81	91	184	221
- MILITARY.....	0	0	0	0	0	0	0	0	0	0
- NON-MEMBER COUNTRIES.....	7	46	56	44	62	62	67	66	52	85
- CIVIL.....	7	28	54	27	40	29	26	32	9	39
- MILITARY.....	0	17	2	17	22	32	41	34	42	46
TOTAL.....	338	446	353	424	634	767	1,040	1,124	1,296	1,907

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

BREAKDOWN OF EEC 10 OVERALL TURNOVER (MIO ECUS)

ANNEXE6

	EQUIPMENT SECTOR									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	691	722	832	863	1,421	1,647	1,834	2,231	2,938	2,927
- R-D CONTRACTS.....	160	192	236	237	442	450	454	544	712	659
- CIVIL.....	2	2	6	5	6	6	4	6	12	8
- MILITARY.....	158	190	230	232	436	444	450	537	700	650
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	120	135	161	151	207	251	266	278	389	454
- CIVIL.....	7	7	9	17	11	19	9	10	9	26
- MILITARY.....	113	128	152	134	196	232	257	268	379	428
- SALES.....	411	395	435	474	772	945	1,115	1,409	1,837	1,814
- CIVIL.....	17	38	35	16	46	30	39	61	32	58
- MILITARY.....	395	357	400	458	726	915	1,076	1,348	1,805	1,756
AEROSPACE MANUFACTURERS.....	1,213	1,221	1,399	1,713	2,544	3,408	3,582	3,969	4,121	4,401
- NATIONAL.....	898	859	960	1,114	1,520	1,847	2,024	2,332	2,422	2,341
- CIVIL.....	255	184	252	301	493	487	522	645	567	640
- MILITARY.....	643	675	708	813	1,028	1,360	1,502	1,687	1,855	1,700
- EEC 10.....	192	244	315	407	678	1,011	1,078	1,117	1,023	1,130
- CIVIL.....	69	118	50	60	125	217	252	258	226	257
- MILITARY.....	124	126	265	347	552	795	826	860	797	872
- NON-MEMBER COUNTRIES.....	123	117	124	192	346	549	480	519	676	931
- CIVIL.....	52	69	72	103	142	174	108	111	168	307
- MILITARY.....	71	48	52	89	204	376	372	408	508	624
FINAL USERS.....	368	361	523	534	729	942	923	1,297	1,103	1,337
- NATIONAL.....	108	97	148	150	201	219	211	204	291	340
- CIVIL.....	108	97	148	150	201	219	211	204	291	340
- EEC 10.....	73	78	89	93	131	167	153	145	147	161
- CIVIL.....	28	27	25	52	57	78	39	41	84	72
- MILITARY.....	46	51	65	42	74	89	114	104	64	89
- NON-MEMBER COUNTRIES.....	187	185	286	291	397	556	558	947	665	836
- CIVIL.....	76	81	141	125	156	360	324	394	310	382
- MILITARY.....	111	104	144	166	242	196	234	553	355	454
TOTAL.....	2,273	2,303	2,754	3,110	4,695	5,997	6,338	7,497	8,162	8,665

EEC - DG III / SOURCE: INDUSTRIAL ASSOCIATIONS

BREAKDOWN OF USA OVERALL TURNOVER (MIO ECUS)

	AIRFRAME AND MISSILES SECTOR									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	8,133	8,356	7,463	6,941	7,164	11,047	15,806	20,161	25,724	32,718
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
- R-D CONTRACTS.....	-	-	-	-	-	-	-	-	-	-
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
- MODIFICATIONS, REPAIRS, MAINTENANCE AND SALES...	-	-	-	-	-	-	-	-	-	-
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
FINAL USERS.....	5,705	5,353	6,656	9,683	11,938	15,589	13,688	17,256	17,814	22,614
- CIVIL.....	3,955	3,329	3,703	8,417	10,474	12,263	8,250	11,813	11,786	15,926
- MILITARY.....	1,750	2,023	2,953	1,266	1,464	3,326	5,437	5,443	6,028	6,689
- NATIONAL.....	435	468	297	2,151	2,177	1,896	386	2,340	2,608	2,423
- CIVIL.....	435	468	297	2,151	2,177	1,896	386	2,340	2,608	2,423
- EXPORTS.....	6,140	5,821	6,954	7,532	9,761	13,692	13,302	14,916	15,205	20,191
- CIVIL.....	4,390	3,797	4,000	6,267	8,297	10,366	7,865	9,473	9,177	13,503
- MILITARY.....	1,750	2,023	2,953	1,266	1,464	3,326	5,437	5,443	6,028	6,689
TOTAL.....	13,839	13,709	14,120	16,624	19,102	26,636	29,494	37,416	43,537	55,332
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-

EEC - DG III / SOURCE: AEROSPACE FACTS AND FIGURES (A.I.A)

BREAKDOWN OF USA OVERALL TURNOVER (MIO ECUS)

ANNEXE7

	ENGINE SECTOR									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	2,328	2,427	2,069	2,328	2,595	4,500	5,859	6,670	9,324	8,581
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
- R-D CONTRACTS.....	-	-	-	-	-	-	-	-	-	-
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
- MODIFICATIONS, REPAIRS, MAINTENANCE AND SALES...	-	-	-	-	-	-	-	-	-	-
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
FINAL USERS.....	1,554	1,640	2,147	2,447	3,035	4,192	4,575	4,985	5,039	7,350
- CIVIL.....	1,367	1,444	1,974	2,272	2,877	3,647	3,893	4,283	4,286	6,432
- MILITARY.....	187	195	173	175	158	546	682	702	753	919
- NATIONAL.....	680	817	1,251	1,409	1,658	2,089	1,951	1,855	1,222	3,005
- CIVIL.....	680	817	1,251	1,409	1,658	2,089	1,951	1,855	1,222	3,005
- EXPORTS.....	875	823	896	1,038	1,376	2,103	2,624	3,131	3,817	4,345
- CIVIL.....	688	627	723	863	1,218	1,558	1,942	2,429	3,065	3,427
- MILITARY.....	187	195	173	175	158	546	682	702	753	919
TOTAL.....	3,882	4,066	4,216	4,775	5,630	8,692	10,434	11,656	14,364	15,931
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-

EEC - DG III / SOURCE: AEROSPACE FACTS AND FIGURES (A.I.A)

	SPACE SECTOR									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	1,791	1,639	1,824	1,852	2,502	3,454	4,847	5,549	6,622	8,218
- CIVIL.....	982	925	1,034	1,046	1,452	1,899	2,187	2,831	2,796	2,698
- MILITARY.....	809	713	790	806	1,049	1,555	2,660	2,718	3,826	5,520
- R-D CONTRACTS.....	-	-	-	-	-	-	-	-	-	-
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
- MODIFICATIONS, REPAIRS, MAINTENANCE AND SALES...	-	-	-	-	-	-	-	-	-	-
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
FINAL USERS.....	0	0	0	0	0	0	0	0	0	0
- CIVIL.....	0	0	0	0	0	0	0	0	0	0
- MILITARY.....	0	0	0	0	0	0	0	0	0	0
- NATIONAL.....	0	0	0	0	0	0	0	0	0	0
- CIVIL.....	0	0	0	0	0	0	0	0	0	0
- EXPORTS.....	0	0	0	0	0	0	0	0	0	0
- CIVIL.....	0	0	0	0	0	0	0	0	0	0
- MILITARY.....	0	0	0	0	0	0	0	0	0	0
TOTAL.....	1,791	1,639	1,824	1,852	2,502	3,454	4,847	5,549	6,622	8,218
- CIVIL.....	982	925	1,034	1,046	1,452	1,899	2,187	2,831	2,796	2,698
- MILITARY.....	809	713	790	806	1,049	1,555	2,660	2,718	3,826	5,520

EEC - DG III / SOURCE: AEROSPACE FACTS AND FIGURES (A.I.A)

BREAKDOWN OF USA OVERALL TURNOVER (M10 ECUS)

ANNEXE7

	EQUIPMENT SECTOR									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
STATE.....	2,118	2,488	2,640	2,867	4,934	7,305	10,114	14,250	16,139	19,433
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
- R-D CONTRACTS.....	-	-	-	-	-	-	-	-	-	-
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
- MODIFICATIONS, REPAIRS, MAINTENANCE AND SALES...	-	-	-	-	-	-	-	-	-	-
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
FINAL USERS.....	1,639	1,945	1,654	1,940	1,874	3,031	5,056	3,150	3,508	3,850
- CIVIL.....	1,639	1,945	1,654	1,940	1,874	3,031	5,056	3,150	3,508	3,850
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
- NATIONAL.....	1,639	1,945	1,654	1,940	1,874	3,031	5,056	3,150	3,508	3,850
- CIVIL.....	1,639	1,945	1,654	1,940	1,874	3,031	5,056	3,150	3,508	3,850
- EXPORTS.....	-	-	-	-	-	-	-	-	-	-
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
TOTAL.....	3,757	4,433	4,293	4,807	6,807	10,336	15,170	17,399	19,648	23,283
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-

EEC - DG III / SOURCE: AEROSPACE FACTS AND FIGURES (A.I.A)

INDEX OF ABBREVIATIONS USED IN THE PRESENT DOCUMENT

EEC10	: EEC - 10 States (BE, DK, DE, HE, FR, IR, IT, LU, NL, UK)		
EEC12	: EEC 10 + ES + PO		
EUR	: Western Europe		
intra-EEC	: with EEC 12 Member States only	extra-EEC	: with countries not member of the EEC 12
EEC	: European Economic Community	ECU	: European Currency Unit
BE	: Belgium	BFR	: Belgian Franc
DK	: Denmark	CDK	: Danish Crown
DE	: F.R.G.	DM	: German Mark
ES	: Spain	PTA	: Peseta
FR	: France	FF	: French Franc
HE	: Greece	DRA	: Drachma
IR	: Ireland	IR#	: Irish Punt
IT	: Italy	LIT	: Italian Lira
LX	: Luxembourg	--	
NL	: Netherlands	HFL	: Dutch Guilder
UK	: United Kingdom	UK#	: Pound Sterling
AUS	: Australia	AUS\$: Australian Dollar
CDN	: Canada	CA\$: Canadian Dollar
JPN	: Japan	YEN	: Japanese Yen
SWE	: Sweden	SEK	: Swedish Crown
USA	: USA	US\$: US Dollar
GDP	: Gross Domestic Product	R&D	: Research and Development
ICAO	: International Organization for Civil Aviation		
AEA	: Association of European Airlines		
OECD	: Organization for Economic Cooperation and Development		

INDEX OF USED SIGNS

MIO	: Million	- or NA	: Data non available
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