

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

X X X

(Commission Staff Working Paper)

Provisional address: Rue de la Loi, 200, B-1049 Brussels - Telephone 32-2-235.11.11
Telegraphic address: "COMEUR Brussels" - Telex: "COMEU B 21877"

ERRATUM

- p. 87 lire "chiffres d'affaires globaux"
au lieu de "chiffres d'affaires finals nationaux"
- p. 57, 58 read "military helicopter" instead of "civil helicopter"
- p. 87 read "overall turnover" instead of "final national turnover"

We have the pleasure to present you with the 1986 edition of the document "The European aerospace industry - Trading position and figures".

If you wish to receive the next edition, we request that you kindly send the form (on next page) to the following address:

Commission of the European Communities
General Directorate "Internal Market and Industrial Affairs"
R.P. 6 - 4/26 (III/A/5)
200 rue de la Loi
1049 Brussels
Belgium

Without any response from you, we will understand that you do not wish to receive this document anymore.

Mrs. / Mr.

NAME :
FIRSTNAME :
FUNCTION :
SERVICE :
FIRM/ORGANIZATION :
ADDRESS :
POSTAL BOX :
POSTAL CODE :
TOWN :
STATE :
COUNTRY :

NUMBER OF COPIES:

- French : ...
- English : ...

PREFACE

This document is a compilation of 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. The presentation adopted since 1979 was modified to include chronological series to help analysing recent evolution.

This analysis was able to be furthered owing mainly to the cooperation of AECMA member associations which have helped the Commission conduct a survey on turnover and employment among companies in the sector. This research is elaborated yearly.

Data for Spain and Portugal are presented separately. They will be included in Community figures in the next edition.

C O N T E N T S

- Chapter 1 : Civil Air Traffic
- Chapter 2 : The Civil Transport Market
- Chapter 3 : The Helicopter and Light Aircraft Market
- Chapter 4 : The Military Aircraft Fleets
- Chapter 5 : International Trade
- Chapter 6 : Turnover of the Aerospace Industry
- Chapter 7 : Employment in the Aerospace Industry
- Chapter 8 : Companies
- Chapter 9 : Public Financing of R&D in the Civil Aerospace Industries
- Annexes : - ECU Exchange Rates
- Gross Domestic Product at Market Prices
- GDP Deflator
- Breakdown of EEC-10 turnover
- Breakdown of USA turnover
- Index of abbreviations

CHAPTER 1

CIVIL AIR TRAFFIC

1. According to ICAO estimations, world scheduled passenger traffic increased 8% in 1985 (revenue passengers-kms). This is the highest growth rate since 1979. Aircraft load factor increased by 1% to reach 66%. Revenue Passengers-kms figures increase faster than revenue passengers figures, which reveals longer flights.
2. After growth rates of 9.6% and 13.6% in 1983 and 1984 respectively, the number of freight tons-kms grew by 1.3% only in 1985. The diminution of freight carried was slightly compensated by longer distances.
3. The volume of scheduled traffic of European companies members of the AEA grew by 6.4% in 1985 (1.7% percentage point below world growth). The analysis by traffic in 1985 reveals a recovery of the intra-European and intercontinental traffic (6.3% and 6.5% respectively) and a slower increase in domestic traffic (2.8%).
4. The breakdown of 1984 world scheduled traffic shows growth rates, close to the world average (7%), for companies which are members of the AEA (6%) and of the US (6.2%), a slower growth rate in the USSR (4.2%) and an acceleration for other companies (9.2%).

WORLD SCHEDULED TRAFFIC (INCLUDING USSR)

1) PASSENGERS (BILLION)

	CARRIED PASSENGERS	REVENUE PASSENGERS/KM	AVAILABLE SEATS-KM	LOAD FACTOR (%)
1973	0.489	618	1073	58
1974	0.515	656	1108	59
1975	0.534	697	1179	59
1976	0.576	764	1270	60
1977	0.610	818	1346	61
1978	0.679	936	1451	65
1979	0.754	1060	1607	66
1980	0.748	1089	1724	63
1981	0.752	1119	1756	64
1982	0.764	1142	1793	64
1983	0.795	1187	1847	64
1984	0.832	1270	1941	65
1985	0.892	1373	2076	66

2) PASSENGERS (ANNUAL GROWTH RATE)

	CARRIED PASSENGERS	REVENUE PASSENGERS/KM	AVAILABLE SEATS-KM
1973	-	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	1.6	2.1	2.1
1983	4.1	3.9	3.0
1984	4.7	7.0	5.1
1985	7.2	8.1	7.0

	CARRIED PASSENGERS	REVENUE PASSENGERS/KM	AVAILABLE SEATS-KM
1973-85	5.1	6.9	5.7

SOURCES : ICAO

WORLD SCHEDULED TRAFFIC (INCLUDING USSR)

3) FREIGHT (MILLION TONS)

	TONS FREIGHT CARRIED	FREIGHT TONS/KM		
		TOTAL	FREIGHT (%)	MAIL (%)
1973	8.2	20410	85.9	14.1
1974	8.7	21900	86.8	13.2
1975	8.7	22270	87.0	13.0
1976	9.3	24570	87.7	12.3
1977	10.0	26810	88.1	11.9
1978	10.6	29210	88.8	11.2
1979	11.0	31440	89.1	10.9
1980	11.0	32810	88.8	11.2
1981	10.8	34410	89.0	11.0
1982	11.4	35120	89.0	11.0
1983	12.0	38490	89.6	10.4
1984	13.1	43740	90.2	9.8
1985	13.2	44310	90.0	10.0

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	0.0	4.4	4.0	7.3
1981	1.8	4.9	5.1	3.3
1982	5.6	2.1	2.1	2.1
1983	5.3	9.6	10.4	3.4
1984	9.2	13.6	14.4	7.2
1985	0.8	1.3	1.2	2.6

	TONS FREIGHT CARRIED	FREIGHT TONS/KM		
		TOTAL	FREIGHT	MAIL
1973-85	4.0	6.7	7.1	3.6

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	33.0	15.5	30.9
1978	936	15.6	38.9	14.9	30.6
1979	1060	15.0	38.8	14.2	31.9
1980	1089	14.9	37.6	14.7	32.8
1981	1119	15.1	35.4	15.3	34.2
1982	1142	14.9	35.8	15.1	34.2
1983	1187	14.3	37.4	14.9	33.4
1984	1270	14.1	37.2	14.5	34.2
1985	1373	-	-	-	-

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	3.9	0.3	8.5	2.4	1.6
1984	7.0	6.0	6.2	4.2	9.5
1985	8.1	6.4	-	-	-

	TOTAL	AEA	USA	USSR	REST OF THE WORLD
1973-85	6.9	5.2	-	-	-

SOURCE: AEA (ASSOCIATION OF EUROPEAN AIRLINES)

AEA AIRLINE TRAFFIC

	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	52.3	127.1	32.8	87.5	187.2	67.8	59.8	67.9
1985	22.9	55.6	135.4	34.0	91.2	199.0	67.2	61.0	68.0

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	6.5	5.8	-0.6	2.1	1.6
1985	2.8	6.3	6.5	3.8	4.3	6.3

	REVENUE PASSENGERS/KM			AVAILABLE SEATS-KM		
	DOMESTIC	INTRA-EURO.	INTERCONTI.	DOMESTIC	INTRA-EURO.	INTERCONTI.
1970-85	-	6.4	7.7	-	5.4	5.9

CHAPTER 2

THE CIVIL TRANSPORT MARKET

1. The figures in this chapter were prepared for the Commission by the ITA (Air Transport Institute, Paris). They cover virtually all airlines (about 600) using all types of aircraft, turbojets and turboprops built in Europe and the United States.
2. In 1983 the share of European companies' fleets represented 18% of the world fleet (value), 19.5% for long-haul carriers and 17% for short/medium-haul carriers. The penetration of aircraft built in the Europe (in value) amounted to 32.2% in the EC, 4.4% in the US and 22% in other countries (17.7% in overall world fleet).
3. 1985 was a record year for the aircraft manufacturers. Boeing with 390 firm orders in 1985 (60% of the market), keeps a dominant position, but the share of Airbus showed a notable increase. The 92 orders recorded in 1985 present a triplex of these in 1984.
4. In 1984, commuters fleets in the EEC represented 12.6% of the world fleet (in value). The penetration of aircraft built in Europe amounted to 82.4% in the EC, 38.4% in the US and 72.4% in other countries (59.1% in the overall world fleets).

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

	A/C BEFORE 1975	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1975-1 1985	GRAND TOTAL
A300 B2	11	9	1	5	12	18	3						48	59
A300 B4	6	6		15	57	46	19	13	3		7	14	180	186
A300 B4-600							14	2			4	10	30	30
A310						56	13	12	11	6	11	29	138	138
A320											51	39	90	90
BAC111	215	5	2		5	3							15	230
BAE146								4	4	24	9	12	53	53
TRIDENT	117													117
MERCURE	10									1			1	11
CONCORDE	9					1	3	1					5	14
F.28	82	22	12	12	13	10	18	12	22	7	8	31	167	249
FOKKER 100											8	30	38	38
VFW 614	2	2	6										8	10
B707	749	4	4	4		1			1				14	763
B727-200	623	50	113	133	125	98	68	38	11	1			637	1260
B737-100/200	428	35	39	37	145	74	98	102	67	44	25	30	696	1124
B737-300								20	5	25	110	252	412	412
B747-100/200	274	20	14	39	71	67	34	8	13	8	8		282	556
B747-100B/SR	7			3	5	7	10	3		1			29	36
B747-300						2	5	12	1	15	14	42	91	91
B757					38		66	3	4	26	2	45	184	184
B767					83	47	23	7	2	16	10	21	209	209
DC-9-10/40	755	12	10	13	23	20	6						84	839
DC-9-50	30	15	15	15	16	5							66	96
MD-80				23	27	22	12	16	86	42	114	114	456	456
MD-87											12		12	12
DC-10-10	101		4	8	11	11	3					3	40	141
DC-10-30	87	9	12	24	31	15	6	2		2	6		107	194
DC-10-40	28			2	1	8	2	1					14	42
L. 1011-1	138		6	3	5		6	3					23	161
L. 1011-100/200	10		2	2	4	17	3						28	38
L. 1011-500			6		16	16	5	2		5			50	50
GRAND TOTAL	3682	189	246	338	688	544	417	261	230	223	399	672	4207	7889

SOURCE : AIRBUS

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

(SHARE OF EEC-10 BUILT AIRCRAFT (%))

	A/C BEFORE 1975	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1975-1 1985	GRAND TOTAL
COURT/MOYEN COURRIERS	19	28	11	13	16	33	20	19	19	20	26	26	22	21
ETROIT LARGE	19 100	21 100	10 100	5 100	5 45	6 72	7 68	8 79	13 88	19 27	22 69	20 72	13 65	15 66
LONG COURRIERS	1					1	4	3					1	1
ETROIT LARGE	1					50	100	100					26	2
TOTAL	13	24	9	10	13	25	17	17	17	17	25	25	19	16
ETROIT LARGE	14 3	20 43	10 3	5 26	5 26	6 41	8 35	9 43	13 47	19 12	22 41	20 45	13 34	14 24

SOURCE : AIRBUS

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

(AS % OF WORLD TOTAL)

	A/C BEFORE 1975	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1975-1 1985	GRAND TOTAL
COURT/MOYEN COURRIERS	63	87	85	81	83	75	83	88	93	87	94	93	86	75
ETROIT LARGE	63	78 8	84	74 6	60 23	44 32	65 18	75 13	87 7	77 10	86 8	82 11	71 15	67 8
LONG COURRIERS	37	13	15	19	17	25	17	12	7	13	6	7	14	25
ETROIT LARGE	21 16	2 11	2 14	1 18	17	24	1 17	11	6	13	6	7	14	10 14
ETROIT LARGE	84 16	81 19	86 14	75 25	60 40	44 56	66 34	76 24	87 13	77 23	86 14	82 18	72 28	77 23

SOURCE : AIRBUS

VALUE OF AIRCRAFT IN SERVICE OR ON ORDER BUT NOT YET DELIVERED AT 31.12 (M10 ECU)

LONG-HAUL

	EEC 10	OTHER EUROPE	USA	REST OF THE WORLD	TOTAL
1976	5310.0	2052.7	6601.0	9547.5	23511.2
1977	6157.6	1615.6	6387.1	10036.3	24196.6
1978	6944.5	1888.7	7919.0	13697.3	30449.5
1979	6723.1	1932.7	7465.8	13330.6	29452.2
1980	7352.6	2535.0	7222.5	15478.8	32588.9
1981	8911.2	3185.5	7743.4	22341.6	42181.7
1982	9645.8	3024.8	8283.3	25972.8	46926.7
1983	11082.8	3074.9	10545.8	32256.9	56960.4

SHORT/MEDIUM-HAUL

	EEC 10	OTHER EUROPE	USA	REST OF THE WORLD	TOTAL
1976	3837.1	1711.2	15103.2	7709.1	28360.6
1977	4279.7	2643.0	17045.5	9453.9	33422.1
1978	6569.8	2852.2	22457.0	12301.6	44180.6
1979	8702.4	3787.6	23674.7	17345.7	53510.4
1980	9861.2	4727.5	31508.7	19885.7	65983.1
1981	12995.2	5054.2	43312.4	27402.1	88763.9
1982	13568.8	5010.5	34558.6	28413.7	81551.6
1983	17748.0	5983.5	45529.0	34891.2	104151.6

TOTAL

	EEC 10	OTHER EUROPE	USA	REST OF THE WORLD	TOTAL
1976	9147.1	3763.9	21704.2	17256.6	51871.8
1977	10437.3	4258.6	23432.7	19490.2	57618.8
1978	13514.3	4740.9	30376.0	25998.9	74630.1
1979	15425.5	5720.3	31140.5	30676.3	82962.6
1980	17213.8	7262.5	38731.2	35364.5	98571.9
1981	21906.4	8239.7	51055.8	49743.7	130945.5
1982	23214.6	8035.3	42841.9	54386.5	128478.2
1983	28830.8	9058.4	56074.8	67148.1	161112.0

SOURCE: ITA

VALUE OF AIRCRAFT IN SERVICE OR ON ORDER BUT NOT YET DELIVERED AT 31.12

BREAKDOWN INTO GEOGRAPHICAL ZONES (AS % OF TOTAL)

LONG-HAUL

	EEC 10	OTHER EUROPE	USA	REST OF THE WORLD
1976	22.6	8.7	28.1	40.6
1977	25.4	6.7	26.4	41.5
1978	22.8	6.2	26.0	45.0
1979	22.8	6.6	25.3	45.3
1980	22.6	7.8	22.2	47.5
1981	21.1	7.6	18.4	53.0
1982	20.6	6.4	17.7	55.3
1983	19.5	5.4	18.5	56.6

SHORT/MEDIUM-HAUL

	EEC 10	OTHER EUROPE	USA	REST OF THE WORLD
1976	13.5	6.0	53.3	27.2
1977	12.8	7.9	51.0	28.3
1978	14.9	6.5	50.8	27.8
1979	16.3	7.1	44.2	32.4
1980	14.9	7.2	47.8	30.1
1981	14.6	5.7	48.8	30.9
1982	16.6	6.1	42.4	34.8
1983	17.0	5.7	43.7	33.5

TOTAL

	EEC 10	OTHER EUROPE	USA	REST OF THE WORLD
1976	17.6	7.3	41.8	33.3
1977	18.1	7.4	40.7	33.8
1978	18.1	6.4	40.7	34.8
1979	18.6	6.9	37.5	37.0
1980	17.5	7.4	39.3	35.9
1981	16.7	6.3	39.0	38.0
1982	18.1	6.3	33.3	42.3
1983	17.9	5.6	34.8	41.7

SOURCE: ITA

VALUE OF AIRCRAFT IN SERVICE OR ON ORDER AND NOT YET DELIVERED AT 31.12

MARKET SHARE WON BY EC-BUILT AIRCRAFT (AS % OF TOTAL)

LONG-HAUL

	EEC 10	OTHER EUROPE	USA	REST OF THE WORLD	TOTAL
1976	10.3	0.0	0.0	0.1	2.4
1977	9.4	0.0	0.0	0.1	2.4
1978	7.6	0.0	0.0	0.0	1.7
1979	6.2	0.0	0.0	0.0	1.4
1980	3.9	0.0	0.0	0.0	0.9
1981	3.5	0.0	0.0	0.0	0.7
1982	2.7	0.0	0.0	0.0	0.6
1983	1.4	0.0	0.0	0.0	0.3

SHORT/MEDIUM-HAUL

	EEC 10	OTHER EUROPE	USA	REST OF THE WORLD	TOTAL
1976	37.7	10.7	0.3	22.6	12.0
1977	41.8	10.1	0.8	26.2	14.0
1978	43.7	16.3	3.0	25.2	16.1
1979	48.4	23.0	3.6	25.0	19.2
1980	44.8	23.0	3.0	32.4	19.5
1981	45.3	23.8	3.7	35.5	20.8
1982	48.9	40.6	6.2	43.1	28.3
1983	51.3	32.9	5.4	42.4	27.2

TOTAL

	EEC 10	OTHER EUROPE	USA	REST OF THE WORLD	TOTAL
1976	21.8	4.9	0.2	10.1	7.7
1977	22.7	6.3	0.6	12.7	9.1
1978	25.2	9.8	2.2	11.9	10.2
1979	30.0	15.2	2.8	14.2	12.9
1980	27.3	14.9	2.4	18.2	13.4
1981	28.3	14.6	3.2	19.5	14.3
1982	29.7	25.3	5.0	22.5	18.1
1983	32.2	21.7	4.4	22.0	17.7

SOURCE: IATA

VALUE OF AIRCRAFT IN SERVICE OR ON ORDER BUT NOT YET DELIVERED AT 31.12 (MIO ECU)

LONG-HAUL

	BE	DK	DE	FR	HE	IR	IT	LU	NL	UK	EEC 10
1976	237.9	14.8	798.5	1258.9	124.3	95.3	464.6	45.1	642.1	1628.5	5310.0
1977	257.4	22.5	1174.7	1189.6	141.9	91.3	452.6	85.2	867.0	1875.4	6157.6
1978	274.0	21.6	1187.1	1359.1	155.4	98.5	467.5	155.4	930.0	2295.9	6944.5
1979	239.4	15.3	1071.2	1328.4	109.2	59.4	855.5	141.9	1088.4	1814.4	6723.1
1980	253.1	13.1	1342.9	1466.6	98.8	49.1	858.0	123.3	1171.2	1976.5	7352.6
1981	343.0	1.6	1709.0	2179.1	130.4	62.0	956.0	140.7	1464.5	1924.9	8911.2
1982	218.7	98.3	1795.2	2724.1	176.1	68.1	846.1	186.1	1709.0	1824.1	9645.8
1983	215.1	1.9	2202.4	2890.5	214.3	69.8	1029.3	208.0	2204.8	2046.7	11082.8

SHORT/MEDIUM-HAUL

	BE	DK	DE	FR	HE	IR	IT	LU	NL	UK	EEC 10
1976	159.3	79.2	758.7	743.3	94.1	60.2	507.2	3.8	225.1	1206.2	3837.1
1977	146.4	105.6	971.7	857.5	99.0	63.0	574.6	20.8	217.5	1223.2	4279.7
1978	173.7	169.3	1659.5	1154.8	117.6	104.2	648.9	23.3	236.6	2281.9	6569.8
1979	283.6	192.9	2156.5	1482.2	179.3	97.0	927.5	24.3	596.4	2762.7	8702.4
1980	401.9	91.2	2311.9	1653.9	310.3	132.5	1049.6	27.4	680.1	3202.4	9861.2
1981	389.0	211.4	3029.2	2698.4	571.3	151.6	1397.0	27.4	833.3	3686.6	12995.2
1982	498.0	187.8	3235.4	2755.8	648.5	207.1	1659.4	34.9	1012.2	3329.7	13568.8
1983	579.4	209.2	4000.2	4484.2	749.8	123.7	2099.4	47.6	1142.4	4312.1	17748.0

TOTAL

	BE	DK	DE	FR	HE	IR	IT	LU	NL	UK	EEC 10
1976	397.2	94.0	1557.2	2002.2	218.4	155.5	971.8	48.9	867.2	2834.7	9147.1
1977	403.8	128.1	2146.4	2047.1	240.9	154.3	1027.4	106.0	1084.5	3098.6	10437.3
1978	447.7	190.9	2846.6	2513.9	273.0	202.7	1116.4	178.7	1166.6	4577.8	13514.3
1979	523.0	208.2	3227.7	2810.6	288.5	156.4	1783.0	166.2	1684.8	4577.1	15425.5
1980	655.0	104.3	3654.8	3120.5	409.1	181.6	1907.6	150.7	1851.3	5178.9	17213.8
1981	732.0	213.0	4738.2	4877.5	701.7	213.6	2353.0	168.1	2297.8	5611.5	21906.4
1982	716.7	286.1	5030.6	5479.9	824.6	275.2	2505.5	221.0	2721.2	5153.8	23214.6
1983	794.5	211.1	6202.6	7374.7	964.1	193.5	3128.7	255.6	3347.2	6358.8	28830.8

SOURCE: ITA

VALUE OF AIRCRAFT IN SERVICE OR ON ORDER AND NOT YET DELIVERED AT 31.12

BREAKDOWN INTO COUNTRIES (AS % OF TOTAL EEC 10)

LONG-HAUL

	BE	DK	DE	FR	HE	IR	IT	LU	NL	UK
1976	4.5	0.3	15.0	23.7	2.3	1.8	8.7	0.8	12.1	30.7
1977	4.2	0.4	19.1	19.3	2.3	1.5	7.4	1.4	14.1	30.5
1978	3.9	0.3	17.1	19.6	2.2	1.4	6.7	2.2	13.4	33.1
1979	3.6	0.2	15.9	19.8	1.6	0.9	12.7	2.1	16.2	27.0
1980	3.4	0.2	18.3	19.9	1.3	0.7	11.7	1.7	15.9	26.9
1981	3.8	0.0	19.2	24.5	1.5	0.7	10.7	1.6	16.4	21.6
1982	2.3	1.0	18.6	28.2	1.8	0.7	8.8	1.9	17.7	18.9
1983	1.9	0.0	19.9	26.1	1.9	0.6	9.3	1.9	19.9	18.5

SHORT/MEDIUM-HAUL

	BE	DK	DE	FR	HE	IR	IT	LU	NL	UK
1976	4.2	2.1	19.8	19.4	2.5	1.6	13.2	0.1	5.9	31.4
1977	3.4	2.5	22.7	20.0	2.3	1.5	13.4	0.5	5.1	28.6
1978	2.6	2.6	25.3	17.6	1.8	1.6	9.9	0.4	3.6	34.7
1979	3.3	2.2	24.8	17.0	2.1	1.1	10.7	0.3	6.9	31.7
1980	4.1	0.9	23.4	16.8	3.1	1.3	10.6	0.3	6.9	32.5
1981	3.0	1.6	23.3	20.8	4.4	1.2	10.8	0.2	6.4	28.4
1982	3.7	1.4	23.8	20.3	4.8	1.5	12.2	0.3	7.5	24.5
1983	3.3	1.2	22.5	25.3	4.2	0.7	11.8	0.3	6.4	24.3

TOTAL

	BE	DK	DE	FR	HE	IR	IT	LU	NL	UK
1976	4.3	1.0	17.0	21.9	2.4	1.7	10.6	0.5	9.5	31.0
1977	3.9	1.2	20.6	19.6	2.3	1.5	9.8	1.0	10.4	29.7
1978	3.3	1.4	21.1	18.6	2.0	1.5	8.3	1.3	8.6	33.9
1979	3.4	1.3	20.9	18.2	1.9	1.0	11.6	1.1	10.9	29.7
1980	3.8	0.6	21.2	18.1	2.4	1.1	11.1	0.9	10.8	30.1
1981	3.3	1.0	21.6	22.3	3.2	1.0	10.7	0.8	10.5	25.6
1982	3.1	1.2	21.7	23.6	3.6	1.2	10.8	1.0	11.7	22.2
1983	2.8	0.7	21.5	25.6	3.3	0.7	10.9	0.9	11.6	22.1

SOURCE: ITA

VALUE OF AIRCRAFT IN SERVICE OR ON ORDER AND NOT YED DELIVERED AT 31.12

MARKET SHARE WON BY EC 10-BUILT AIRCRAFT (AS % OF TOTAL)

LONG-HAUL

	BE	DK	DE	FR	HE	IR	IT	LU	NL	UK	EEC 10
1976	0.8	0.0	0.0	18.6	0.0	0.5	0.0	0.0	0.0	19.0	10.3
1977	0.6	0.0	0.0	20.7	0.0	0.9	0.0	0.0	0.0	17.5	9.4
1978	0.0	0.0	0.0	16.6	0.0	1.2	0.0	0.0	0.0	13.1	7.6
1979	0.0	0.0	0.0	15.1	0.0	0.5	0.0	0.0	0.0	11.7	6.2
1980	0.0	0.0	0.0	10.3	0.0	0.4	0.0	0.0	0.0	6.7	3.9
1981	0.0	0.0	0.0	7.2	0.3	0.0	0.0	0.0	0.0	8.2	3.5
1982	0.0	0.0	0.0	5.1	0.1	0.0	0.0	0.0	0.0	6.6	2.7
1983	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	3.8	1.4

SHORT/MEDIUM-HAUL

	BE	DK	DE	FR	HE	IR	IT	LU	NL	UK	EEC 10
1976	27.9	46.1	27.2	68.3	0.0	4.8	10.5	100.0	14.9	46.3	37.7
1977	16.4	30.9	37.7	71.9	0.0	4.8	8.7	28.0	12.8	54.3	41.8
1978	15.0	26.8	38.9	75.1	0.0	4.7	38.5	22.3	18.3	43.2	43.7
1979	34.4	11.4	50.6	78.7	30.9	6.0	26.8	25.1	60.2	42.0	48.4
1980	26.5	36.2	47.6	74.8	46.2	4.8	23.8	29.2	58.1	35.6	44.8
1981	36.7	3.0	48.2	66.7	56.4	4.2	26.7	11.7	60.6	34.6	45.3
1982	37.8	4.7	61.8	79.4	65.4	2.7	26.0	11.2	65.2	21.7	48.9
1983	40.5	4.8	57.4	86.2	67.1	4.7	25.8	17.4	73.6	18.7	51.3

TOTAL

	BE	DK	DE	FR	HE	IR	IT	LU	NL	UK	EEC 10
1976	11.7	38.8	13.3	37.0	0.0	2.2	5.5	7.8	3.9	30.6	21.8
1977	6.3	25.5	17.1	42.2	0.0	2.5	4.9	5.1	2.6	32.0	22.7
1978	5.8	23.7	22.7	43.5	0.0	3.0	22.4	2.9	3.7	28.1	25.2
1979	18.7	10.5	33.8	48.6	19.2	3.9	14.0	3.7	21.3	30.0	30.0
1980	16.2	31.6	30.1	44.5	35.1	3.6	13.1	5.3	21.4	24.6	27.3
1981	19.5	3.0	30.8	40.1	46.0	3.0	15.9	1.9	22.0	25.5	28.3
1982	26.2	3.1	39.8	42.5	51.4	2.0	17.2	1.8	24.2	16.4	29.7
1983	29.6	4.8	37.0	53.5	52.2	3.0	17.3	3.2	25.1	13.9	32.2

SOURCE: ITA

VALUE OF COMMUTER AIRCRAFT IN SERVICE OR ON ORDER BUT NOT YET DELIVERED

(MIO ECU)

	EEC 10	OTHER EUROPE	USA	REST OF THE WORLD	TOTAL
1984	1032.0	478.2	3081.2	3615.4	8206.7

BREAKDOWN INTO GEOGRAPHICAL ZONES (AS % OF TOTAL)

	EEC 10	OTHER EUROPE	USA	REST OF THE WORLD
1984	12.6	5.8	37.5	44.1

MARKET SHARE WON BY EC 10-BUILT AIRCRAFT (%)

	EEC 10	OTHER EUROPE	USA	REST OF THE WORLD	TOTAL
1984	82.4	41.2	38.4	72.4	59.1

SOURCE: ITA

VALUE OF COMMUTER AIRCRAFT IN SERVICE OR ON ORDER BUT NOT YET DELIVERED AT 31.12

(MIO ECUS)

	BE	DK	DE	FR	HE	IR	IT	LU	NL	UK	EEC 10
1984	8.5	62.8	104.7	264.8	21.6	23.4	114.1	12.9	60.8	358.4	1032.0

BREAKDOWN INTO COUNTRIES (AS % OF EEC TOTAL)

	BE	DK	DE	FR	HE	IR	IT	LU	NL	UK
1984	0.8	6.1	10.1	25.7	2.1	2.3	11.1	1.2	5.9	34.7

MARKET SHARE WON BY EC 10-BUILT AIRCRAFT (%)

	BE	DK	DE	FR	HE	IR	IT	LU	NL	UK	EEC 10
1984	0.0	64.5	76.1	81.6	92.0	100.0	100.0	100.0	82.4	81.9	82.4

SOURCE: IATA

CHAPTER 3

THE HELICOPTER AND LIGHT AIRCRAFT MARKET

1. The data on the fleet of single-engined aircraft, twin-engined aircraft and executive jets have been compiled by the "Bureau Veritas".
2. In 1984, the fleet of light aircraft in the EEC amounted to 20.755 aircraft (3% fleet decrease over 1983). The penetration of aircraft built in the EEC (fleet number) represented 56.2% for single-engined aircraft, 11.7% for twin-engined aircraft and 61.7% for executive jets. The rest is mainly from US design.
3. The data on the civil and parapublic helicopter fleet are those provided by the Société Aérospatiale.

Over the period 1960-1984, the fleet of civil and parapublic helicopters in the EEC increased ten times in number. The share of helicopters built in the EEC grew at a constant pace to reach 35% in 1984. The helicopter fleet in North America amounts to about five times the EEC fleet. The share of helicopters built in the EEC grew between 1960 and 1984 to reach 9.1% at the end of the period.

4. Data on the commercial helicopter fleet (in value) were prepared for the Commission by the ITA (Air Transport Institute, Paris).

In 1984, the share of commercial helicopter fleet in the EEC represented 21.1% of overall European and US fleets (in value). The penetration of aircraft built in Europe (in value) amounted to 50.6% in the EEC and 12.1% in the US (overall penetration of 22.8%).

LIGHT AIRCRAFT FLEET: EEC 10

1) SINGLE-ENGINE

EEC 10		ORIGIN (%)		
		EEC 10	USA	OTHERS
1983	18343	44.3	54.0	1.7
1984	18178	56.2	42.9	0.9

2) TWIN-ENGINE

EEC 10		ORIGIN (%)		
		EEC 10	USA	OTHERS
1983	2773	15.4	81.6	3.1
1984	2313	11.7	86.2	2.1

3) EXECUTIVE JET

EEC 10		ORIGIN (%)		
		EEC 10	USA	OTHERS
1983	334	60.8	34.7	4.5
1984	264	61.7	34.5	3.8

4) TOTAL

EEC 10		ORIGIN (%)		
		EEC 10	USA	OTHERS
1983	21450	40.8	57.3	1.9
1984	20755	51.4	47.6	1.0

SOURCE: BUREAU VERITAS

LIGHT AIRCRAFT FLEET: BELGIQUE

1) SINGLE-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	715	36.6	62.1	1.3
1984	652	38.7	61.0	0.3

2) TWIN-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	56	7.1	92.9	0.0
1984	77	19.5	67.5	13.0

3) EXECUTIVE JET

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	25	8.0	64.0	28.0
1984	5	20.0	60.0	20.0

4) TOTAL

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	796	33.7	64.3	2.0
1984	734	36.5	61.7	1.8

SOURCE : VERITAS

LIGHT AIRCRAFT FLEET: DANMARK

1) SINGLE-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	668	27.2	72.3	0.4
1984	690	26.8	72.6	0.6

2) TWIN-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	127	10.2	87.4	2.4
1984	143	9.8	87.4	2.8

3) EXECUTIVE JET

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	8	62.5	37.5	0.0
1984	8	50.0	50.0	0.0

4) TOTAL

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	803	24.9	74.3	0.7
1984	841	24.1	74.9	1.0

SOURCE : VERITAS

LIGHT AIRCRAFT FLEET: DEUTSCHLAND

1) SINGLE-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	5635	30.6	67.9	1.5
1984	5546	60.0	38.6	1.4

2) TWIN-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	695	8.9	90.4	0.7
1984	669	9.0	90.9	0.1

3) EXECUTIVE JET

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	58	37.9	53.4	8.6
1984	58	34.5	55.2	10.3

4) TOTAL

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	6388	28.3	70.2	1.4
1984	6273	54.3	44.3	1.4

SOURCE : VERITAS

LIGHT AIRCRAFT FLEET: FRANCE

1) SINGLE-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	4838	67.9	31.5	0.7
1984	4756	68.0	31.3	0.7

2) TWIN-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	571	14.7	80.4	4.9
1984	552	9.1	87.0	4.0

3) EXECUTIVE JET

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	50	66.0	34.0	0.0
1984	52	67.3	32.7	0.0

4) TOTAL

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	5459	62.3	36.6	1.1
1984	5360	61.9	37.1	1.1

SOURCE : VERITAS

LIGHT AIRCRAFT FLEET: HELLAS

1) SINGLE-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	121	14.0	85.1	0.8
1984	129	36.4	63.6	0.0

2) TWIN-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	10	40.0	60.0	0.0
1984	5	80.0	20.0	0.0

3) EXECUTIVE JET

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	6	0.0	100.0	0.0
1984	0	0.0	0.0	0.0

4) TOTAL

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	137	15.3	83.9	0.7
1984	134	38.1	61.9	0.0

SOURCE : VERITAS

LIGHT AIRCRAFT FLEET: IRELAND

1) SINGLE-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	246	49.2	50.8	0.0
1984	218	35.8	64.2	0.0

2) TWIN-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	40	20.0	62.5	17.5
1984	38	18.4	78.9	2.6

3) EXECUTIVE JET

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	2	50.0	50.0	0.0
1984	2	50.0	50.0	0.0

4) TOTAL

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	288	45.1	52.4	2.4
1984	258	33.3	66.3	0.4

SOURCE : VERITAS

LIGHT AIRCRAFT FLEET: ITALIA

1) SINGLE-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	1193	56.6	43.4	0.0
1984	1201	56.5	43.5	0.0

2) TWIN-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	227	24.7	74.4	0.9
1984	231	25.5	73.6	0.9

3) EXECUTIVE JET

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	49	61.2	34.7	4.1
1984	54	64.8	29.6	5.6

4) TOTAL

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	1469	51.8	47.9	0.3
1984	1486	52.0	47.6	0.3

SOURCE : VERITAS

LIGHT AIRCRAFT FLEET: LUXEMBOURG

1) SINGLE-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	41	31.7	68.3	0.0
1984	43	27.9	69.8	2.3

2) TWIN-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	5	0.0	100.0	0.0
1984	6	0.0	100.0	0.0

3) EXECUTIVE JET

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	1	0.0	100.0	0.0
1984	1	100.0	0.0	0.0

4) TOTAL

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	47	27.7	72.3	0.0
1984	50	26.0	72.0	2.0

SOURCE : VERITAS

LIGHT AIRCRAFT FLEET: NEDERLAND

1) SINGLE-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	413	14.5	81.8	3.6
1984	395	10.1	85.3	4.6

2) TWIN-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	69	14.5	81.2	4.3
1984	59	3.4	81.4	15.3

3) EXECUTIVE JET

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	4	50.0	50.0	0.0
1984	4	50.0	50.0	0.0

4) TOTAL

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	486	14.8	81.5	3.7
1984	458	9.6	84.5	5.9

SOURCE : VERITAS

LIGHT AIRCRAFT FLEET: UNITED KINGDOM

1) SINGLE-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	4473	39.9	56.3	3.8
1984	4548	52.2	47.4	0.4

2) TWIN-ENGINE

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	973	19.0	77.2	3.8
1984	533	11.3	88.7	0.0

3) EXECUTIVE JET

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	131	82.4	16.8	0.8
1984	80	80.0	20.0	0.0

4) TOTAL

	TOTAL	ORIGIN (%)		
		EEC 10	USA	OTHER
1983	5577	37.2	59.0	3.7
1984	5161	48.4	51.2	0.4

SOURCE : VERITAS

CIVIL AND PARAPUBLIC HELICOPTER FLEET IN THE EEC 10 AND NORTH AMERICA AT 31.12 (UNITS)

	EEC 10				USA + CANADA		
	TOTAL	MARKET SHARE (%)			TOTAL	MARKET SHARE (%)	
		EEC 10	EEC 10 (1)	USA		EEC 10	USA
1960....	176	15.3	32.6	52.1	-	-	-
1965....	387	26.3	22.3	51.4	1854	0.6	99.4
1970....	566	21.9	23.6	54.5	2980	1.1	98.9
1971....	601	23.5	23.3	53.2	2931	2.3	97.7
1972....	646	25.4	22.0	52.7	3230	2.1	97.9
1973....	772	24.7	20.0	55.3	3584	2.5	97.5
1974....	900	26.1	18.6	55.4	4228	3.1	96.9
1975....	955	27.5	17.7	54.8	4803	3.3	96.7
1976....	994	28.5	16.5	55.0	5125	3.5	96.5
1977....	1069	27.9	16.9	55.2	5537	4.1	95.9
1978....	1180	28.3	18.1	53.6	6164	4.7	95.3
1979....	1309	28.2	18.4	53.3	6697	5.6	94.4
1980....	1403	30.0	18.5	51.5	7259	6.3	93.7
1981....	1530	31.7	16.8	51.5	7735	7.4	92.6
1982....	1619	32.3	16.9	50.8	7947	8.5	91.5
1983....	1675	34.2	16.6	49.3	8192	8.7	91.3
1984....	1729	35.5	16.3	48.2	8469	9.1	90.9

(1) HELICOPTERS OF US DESIGN MANUFACTURED IN EEC 10 UNDER LICENCE

SOURCE: AEROSPATIALE

CIVIL AND PARAPUBLIC HELICOPTER FLEET IN THE EEC 10 AT 31.12

1) FLEET

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

SOURCE : AEROSPATIALE

CIVIL AND PARAPUBLIC HELICOPTER FLEET IN THE EEC 10 AT 31.12

2) MARKET SHARE WON BY EC 10-PRODUCTS (%)

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

SOURCE : AEROSPATIALE

VALUE OF COMMERCIAL HELICOPTERS IN SERVICE AT 31.12

(MIO ECU)

	EEC 10	OTHER EUROPE	USA	EUR. + USA
1984	1306.1	552.9	4333.3	6192.2

BREAKDOWN INTO GEOGRAPHICAL ZONES (AS % OF TOTAL)

	EEC 10	OTHER EUROPE	USA
1984	21.1	8.9	70.0

MARKET SHARE WON BY EC 10-BUILT HELICOPTERS (%)

	EEC 10	OTHER EUROPE	USA	EUR. + USA
1984	50.6	41.6	12.1	22.8

SOURCE: ITA

VALUE OF COMMERCIAL HELICOPTERS IN SERVICE AT 31.12

(MIO ECU)

	BE	DK	DE	FR	HE	IR	IT	LU	NL	UK	EEC 10
1984	9.7	31.4	236.3	167.2	4.1	20.9	150.3	0.0	51.6	634.5	1306.1

BREAKDOWN INTO COUNTRIES (AS % OF TOTAL EEC 10)

	BE	DK	DE	FR	HE	IR	IT	LU	NL	UK
1984	0.7	2.4	18.1	12.8	0.3	1.6	11.5	0.0	4.0	48.6

MARKET SHARE WON BY EC 10-BUILT HELICOPTERS (%)

	BE	DK	DE	FR	HE	IR	IT	LU	NL	UK	EEC 10
1984	70.6	68.2	69.3	83.1	74.1	8.2	33.7	0.0	42.1	39.9	50.6

SOURCE: ITA

CHAPTER 4

THE MILITARY AIRCRAFT FLEETS

1. It is not possible to present the part "Aircraft" of the chapter entitled "Military Aircraft Fleets" due to a modification in the corresponding data banks.

The current survey will provide more complete information for the next publication of this document.

2. Data on the military helicopter fleets were provided by the Société AEROSPATIALE.

While the military helicopter fleet in the EEC increased slowly between 1970 and 1984, the US fleet decreased by half between 1970 and 1984, after the US retreat from South-East Asia.

Aircraft built in the EEC amounts to about 50% of the EEC fleet, while the helicopter fleet in North America is made up of helicopters built in the US only.

MILITARY HELICOPTERS FLEET IN THE EEC 10 AND NORTH AMERICA AT 31.12

	EEC 10				USA		
	TOTAL	MARKET SHARE (%)			TOTAL	MARKET SHARE (%)	
		EEC 10	EEC 10 (1)	USA		EEC 10	USA
1960....	1713	24.7	29.6	45.7	-	-	-
1965....	2407	29.8	27.8	42.5	6185	0.0	100.0
1970....	3134	25.2	29.1	45.7	15874	0.0	100.0
1971....	3157	26.0	29.5	44.6	16808	0.0	100.0
1972....	3190	26.8	29.4	43.8	17605	0.0	100.0
1973....	3276	27.9	29.1	43.0	17507	0.0	100.0
1974....	3343	29.6	28.9	41.5	16919	0.0	100.0
1975....	3328	31.6	28.2	40.2	15338	0.0	100.0
1976....	3436	34.4	27.1	38.5	13842	0.0	100.0
1977....	3352	37.9	25.0	37.1	12043	0.0	100.0
1978....	3168	42.3	22.4	35.3	10803	0.0	100.0
1979....	3220	43.2	22.4	34.4	9559	0.0	100.0
1980....	3244	46.2	21.0	32.9	8749	0.0	100.0
1981....	3300	47.4	20.5	32.2	8190	0.0	100.0
1982....	3370	48.1	20.0	31.9	7640	0.0	100.0
1983....	3491	50.1	19.2	30.7	7760	0.0	100.0
1984....	3520	51.5	18.5	30.0	7848	0.0	100.0

(1) HELICOPTERS OF US DESIGN MANUFACTURED IN THE EEC 10 UNDER LICENCE

SOURCE: AEROSPATIALE

CIVIL HELICOPTER FLEET IN THE EEC 10 AT 31.12

1) FLEET

	BE	DK	DE	FR	HE	IR	IT	LU	NL	UK
1960....	10	14	243	801	7	0	98	0	49	491
1965....	43	25	490	758	7	3	227	0	90	764
1970....	80	17	765	734	55	3	352	0	98	1030
1971....	81	29	743	726	55	4	399	0	97	1023
1972....	81	29	739	712	56	4	458	0	97	1014
1973....	80	29	758	743	55	7	501	0	89	1014
1974....	79	32	725	799	55	8	541	0	90	1014
1975....	79	32	714	805	64	8	548	0	91	987
1976....	80	32	719	810	83	8	555	0	121	1028
1977....	80	31	711	840	105	8	511	0	121	945
1978....	80	31	707	803	119	8	511	0	117	792
1979....	80	31	707	790	150	9	499	0	118	836
1980....	80	35	701	812	141	9	495	0	124	847
1981....	80	33	742	829	126	11	493	0	122	864
1982....	80	29	831	847	122	11	506	0	120	824
1983....	79	29	915	860	116	10	514	0	120	848
1984....	79	29	932	903	116	10	515	0	118	818

SOURCE : AEROSPATIALE

CIVIL HELICOPTER FLEET IN THE EEC 10 AT 31.12

2) MARKET SHARE WON BY EC 10 PRODUCTS (%)

	BE	DK	DE	FR	HE	IR	IT	LU	NL	UK
1960....	100.0	35.7	65.8	38.3	0.0	0.0	0.0	0.0	16.3	22.6
1965....	88.4	32.0	60.2	49.3	0.0	100.0	0.0	0.0	63.3	28.4
1970....	90.0	47.1	33.5	61.6	0.0	100.0	0.0	0.0	85.7	23.2
1971....	90.1	27.6	34.6	66.8	0.0	100.0	3.8	0.0	85.6	23.3
1972....	90.1	27.6	35.5	71.8	0.0	100.0	5.2	0.0	85.6	24.1
1973....	90.0	27.6	34.3	76.4	0.0	100.0	4.8	0.0	92.1	26.5
1974....	89.9	25.0	35.6	79.3	0.0	100.0	4.4	0.0	92.2	30.1
1975....	89.9	25.0	36.3	83.5	6.3	100.0	3.6	0.0	92.3	34.1
1976....	93.8	25.0	38.8	89.8	4.8	100.0	3.6	0.0	94.2	37.6
1977....	93.8	25.8	38.1	91.7	3.8	100.0	4.1	0.0	95.9	44.4
1978....	93.8	25.8	38.3	96.8	3.4	100.0	2.9	0.0	95.7	57.6
1979....	93.8	25.8	39.6	00.0	2.7	100.0	1.8	0.0	100.0	59.8
1980....	93.8	37.1	40.4	100.0	2.8	100.0	1.0	0.0	100.0	67.3
1981....	93.8	36.4	43.7	100.0	3.2	100.0	1.0	0.0	100.0	67.5
1982....	93.8	27.6	49.8	100.0	3.3	100.0	1.0	0.0	100.0	65.9
1983....	93.7	27.6	54.4	100.0	3.4	100.0	1.0	0.0	100.0	69.0
1984....	93.7	27.6	55.3	100.0	3.4	100.0	1.0	0.0	100.0	71.9

SOURCE : AEROSPATIALE

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

1) FLEET

	AEROS.	AGUST.	BOLKOW	WEST.	BELL	BOEING	HUGHES	SIKOR.	MIL	KAMOV	SOKO	F. A. F.	VERTOL	HILLER	HAL	ICA	JAPAN	TOTAL
EUROPE....	1709	848	412	621	593	43	73	137	141	8	100	56	9					4750
ASIE-AUST.	258	3	74	79	758	11	340	77	660	29		99	49		373	8	485	3303
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	1816
S. AMER....	163	32	17	18	446	2	65	27	165				11					946
CANADA....					134	7		32					13					186
TOTAL.....	2910	1413	591	786	2476	63	630	331	1477	43	100	155	71	31	376	22	500	11975

2) BREAKDOWN INTO GEOGRAPHICAL AREAS (%)

	AEROS.	AGUST.	BOLKOW	WEST.	BELL	BOEING	HUGHES	SIKOR.	MIL	KAMOV	SOKO	F. A. F.	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	

SOURCE : AEROSPATIALE

CHAPTER 5

INTERNATIONAL TRADE

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 entry into force of the GATT-agreement on the trade of civil air-craft has had as immediate statistical consequence the redefinition of the statistical subdivisions of the tariff positions of civil and military aeronautical goods. The new statistical data only concern the civil aeronautical 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 - 8408-72 - 8408-82
 - Equipment : 8453-01 - 8453-09 - 8514-10 - 8515-02 - 8515-06 - 8515-11 - 8515-30 - 8515-31 - 8515-33
8515-35 - 8515-40 - 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 - 9029-01 - 9029-15
 - Other Material : 3907-01 - 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 - 8411-52 - 8412-20
8415-01 - 8418-51 - 8421-01 - 8422-01 - 8459-45 - 8463-11 - 8463-15 - 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 2000 kg
- 8802-19 Civil helicopters of an unladen weight exceeding 2000 kg
- 8802-33 Civil aircraft of an unladen weight not exceeding 2000 kg
- 8802-35 Civil aircraft of an unladen weight exceeding 2000 kg but not exceeding 15000 kg
- 8802-39 Civil aircraft of an unladen weight exceeding 15000kg
- 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 for use in civil aircraft
- 8406-14 Spark ignition engines of a cylinder capacity of 250cm³ or less, for use in civil aircraft
- 8406-26 Other internal combustion piston engines for use in civil aircraft
- 8406-92 Parts of engines for use in civil aircraft
- 8408-02 Turbo-jets for use in civil aircraft, developing a thrust of more than 44000N or less
- 8408-04 Turbo-jets for use in civil aircraft, developing a thrust of more than 44000N but not more than 132000N
- 8408-06 Turbo-jets for use in civil aircraft, developing a thrust of more than 132000N
- 8408-12 Other (for example, ram-jets, pulse jets, rocket engines for use in civil aircraft)
- 8408-19 Turbo-propellers for use in civil aircraft, developing a power of 1865 kW or less
- 8408-20 Turbo-propellers for use in civil aircraft, developing a power of more than 1865 kW but not more than 3730 kW
- 8408-22 Turbo-propellers for use in civil aircraft, developing a power of more than 3730 kW
- 8408-32 Other reaction engines for use in civil aircraft
- 8408-51 Other engines and motors for use in civil aircraft
- 8408-72 Parts of reaction engines or of turbo-propellers, for use in civil aircraft
- 8408-82 Parts of gas turbines, for use in civil aircraft

- Equipment

- 8453-01 Automatic data processing machines (analog and hybrid) and units there of, for use in civil aircraft
- 8453-09 Automatic digital data processing machines, and units thereof, for use in civil aircraft
- 8514-10 Microphones and stands therefore; loudspeakers; audiofrequency electric amplifiers, for use in civil aircraft, excluding parts of such goods
- 8515-02 Radiotelegraphic and radiotelephonic transmitters, for use in civil aircraft
- 8515-06 Radiotelegraphic and radiotelephonic transmitters-receivers, for use in civil aircraft
- 8515-11 Radio receivers and radiotelegraphic and radiotelephonic apparatus, for use in civil aircraft
- 8515-30 Radio navigational receivers, for use in civil aircraft
- 8515-31 Radio altimeters, for use in civil aircraft
- 8515-33 Meteorological radars, for use in civil aircraft
- 8515-35 Other apparatus, for use in civil aircraft
- 8515-40 Assemblies and sub-assemblies consisting of two or more parts or pieces fastened or joined together, for apparatus falling within subheading 85-153", for use in civil aircraft
- 8522-40 Flight recorders, for use in civil aircraft
- 9014-01 Compasses, for use in civil aircraft
- 9014-07 Parts for gyroscopic compasses, for use in civil aircraft
- 9014-12 Optical air navigational instruments, for use in civil aircraft (excluding parts of such goods)
- 9014-17 Other air navigational instruments (including automatic pilots), for use in civil aircraft
- 9014-23 Air navigational equipment
- 9028-01 Stall warning calculators, for use in civil aircraft
- 9028-03 Inertial navigation systems, for use in civil aircraft
- 9028-05 Ground proximity warning systems, for use in civil aircraft
- 9028-07 Terrestrial magnetic field detector apparatus operating by saturation of magnetic circuits (flux valve), for use in civil aircraft
- 9028-08 Air conditioning regulators, for use in civil aircraft
- 9028-09 Other electronic equipment and apparatus, for use in civil aircraft
- 9028-62 Other electrical measuring, checking, analysing or automatically controlling instruments and apparatus, for use in civil aircraft
- 9029-01 Parts of automatic flight control instruments and apparatus, for use in civil aircraft, falling within heading 90-28"
- 9029-15 Other parts of automatic flight control instruments and apparatus, for use in civil aircraft

- Other Material

- 3907-01 Piping and tubing, with fittings attached, suitable for conducting gases or liquids, for use in civil aircraft (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, for use in civil aircraft
- 4011-20 Pneumatic tyres for use on civil aircraft
- 4016-10 Piping and tubing, with fittings attached, suitable for conducting gases or liquids for use in civil aircraft (ebonite and vulcanite)
- 6205-01 Escape chutes, for use in civil aircraft
- 6813-38 Fabricated asbestos and articles thereof, for use in civil aircraft
- 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, for use in civil aircraft
- 7008-01 Windscreens, not framed, for use in civil aircraft
- 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, for use in civil aircraft
- 7338-01 Sanitary ware (excluding parts thereof) for use in civil aircraft
- 8302-01 Base metal fittings and mountings (excluding automatic door closers), for use in civil aircraft
- 8307-10 Lamps and lighting fittings, of base metal, and parts thereof, of base metal, for use in civil aircraft
- 8308-20 Flexible tubing and piping, of base metal, with fittings attached, for use in civil aircraft
- 8407-01 Hydraulic engines and motors, for use in civil aircraft
- 8410-20 Pumps, for use in civil aircraft
- 8411-01 Pumps and compressors, for use in civil aircraft
- 8411-52 Fans, blowers and the like, for use in civil aircraft
- 8412-20 Air conditioning machines, for use in civil aircraft
- 8415-01 Refrigerators and refrigerating equipment (excluding parts thereof for use in civil aircraft
- 8418-51 Machinery and apparatus (excluding parts thereof), for use in civil aircraft
- 8421-01 Fire extinguishers, charged or not (excluding parts thereof), for use in civil aircraft
- 8422-01 Lifting, handling, loading or unloading machinery, telfers and conveyors (excluding parts thereof), for use in civil aircraft
- 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, for use in civil aircraft
- 8463-11 Pulleys, shaft couplings (other than universal joints and torque converters), for use in civil aircraft
- 8463-15 Speed changers and gearboxes, chain sprockets, clutches and universal joints (excluding parts thereof), for use in civil aircraft

- 8501-01 Motors of an output of not less than 0.75 kW, but less than 150 kW, for use in civil aircraft
- 8501-03 Generators, for use in civil aircraft
- 8501-04 Rotary converters, for use in civil aircraft
- 8501-05 Static converters, rectifiers and rectifying apparatus, for use in civil aircraft
- 8501-06 Transformers, for use in civil aircraft
- 8501-07 Inductors, for use in civil aircraft
- 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, for use in civil aircraft
- 8512-02 Electric instantaneous or storage water heaters and immersion heaters, for use in civil aircraft, excluding parts of such goods
- 8512-11 Electric soil heating apparatus and electric space heating apparatus, for use in civil aircraft, excluding parts of such goods
- 8512-50 Electric cooking stoves, ranges, ovens and food warmers (excluding parts thereof), for use in civil aircraft
- 8517-20 Electric sound or visually signalling apparatus (such as bells, sirens, indicator panels, burglar and fire alarms), for use in civil aircraft, excluding parts of such goods
- 8520-01 Sealed beams, for use in civil aircraft
- 8522-81 Assemblies and sub-assemblies consisting of two or more parts or pieces fastened or joined together, for flight recorders, for use in civil aircraft
- 8523-01 Ignition wiring sets and wiring sets, for use in civil aircraft
- 9018-10 Gas masks and similar respirators (excluding parts thereof), for use in civil aircraft
- 9023-01 Thermometers, for use in civil aircraft
- 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 overdraught regulators), for use in civil aircraft
- 9027-20 Speed indicators and tachometers, for use in civil aircraft
- 9103-10 Clocks with clock movements measuring less than 4,5 cm in width and clocks with watch movements, for use in civil aircraft
- 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, for use in civil aircraft
- 9401-02 Chairs and other seats, not leather covered (excluding parts thereof), for use in civil aircraft
- 9403-11 Furniture of base metal (excluding parts thereof), for use in civil aircraft
- 9403-15 Furniture of wood (excluding parts thereof), for use in civil aircraft
- 9403-19 Furniture of other materials (excluding parts thereof), for use in civil aircraft

CIVIL AEROSPACE TRADE (EEC-10)

AIRFRAMES - ENGINES - EQUIPMENT - OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	7179,5	80,7	55,4	0,1
1982	8130,2	80,0	39,9	0,2
1983	9036,5	75,3	39,3	0,4
1984	10153,0	79,3	41,8	0,2
1985	8351,3	75,9	45,1	0,1

2) EXPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	5488,9	73,6	18,1	1,6
1982	7410,6	79,8	17,3	1,5
1983	9251,3	76,4	16,3	2,0
1984	11900,0	80,8	18,6	0,2
1985	9803,5	80,6	29,5	1,5

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	-1690,6	-1754,8	-2980,4	80,6
1982	-719,6	-594,7	-1961,2	96,3
1983	214,7	267,0	-2037,0	153,3
1984	1747,0	1557,3	-2027,€	8,5
1985	1452,2	1560,0	-875,3	141,9

SOURCE : EUROSTAT

CIVIL AEROSPACE TRADE (EEC-10) AIRFRAMES

1) IMPORTS

	TOTAL (MIO ECU)	EXTRA EEC (*) (%)	USA (*) (%)	JAPAN (*) (%)
1981	4898,3	81,7	47,4	0,0
1982	5553,2	79,3	23,3	0,2
1983	5909,5	72,6	21,7	0,5
1984	6293,5	76,7	23,6	0,2
1985	6080,9	75,0	38,5	0,0

2) EXPORTS

	TOTAL (MIO ECU)	EXTRA EEC (*) (%)	USA (*) (%)	JAPAN (*) (%)
1981	4444,0	76,4	15,9	1,7
1982	5795,2	82,8	12,5	1,7
1983	6927,9	78,1	8,8	2,6
1984	8774,2	83,1	10,0	0,2
1985	7153,1	81,3	21,1	1,9

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC (*)	USA (*)	JAPAN (*)
1981	-454,4	-609,0	-1614,9	75,1
1982	242,1	396,5	-569,9	89,6
1983	1018,4	1119,1	-673,1	152,0
1984	2480,8	2463,0	-604,6	8,4
1985	1072,2	1249,4	-832,2	135,3

SOURCE : EUROSTAT
 (*) UK NO INCLUDED

CIVIL AEROSPACE TRADE (EEC-10) ENGINES

1) IMPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	1623,2	81,7	76,1	0,0
1982	1836,2	85,2	79,4	0,1
1983	2286,1	82,1	74,4	0,0
1984	2928,1	85,4	72,5	0,0
1985	1479,7	79,4	60,4	0,0

2) EXPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	563,2	62,4	36,3	1,1
1982	1056,8	71,6	43,0	0,7
1983	1701,8	75,4	47,2	0,2
1984	2391,9	78,3	50,2	0,2
1985	1946,9	84,5	63,0	0,1

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	-1060,0	-974,7	-1030,9	6,0
1982	-779,4	-808,7	-1003,9	6,0
1983	-584,3	-593,9	-898,1	3,4
1984	-536,2	-627,1	-921,5	5,2
1985	467,2	471,4	332,1	1,9

SOURCE : EUROSTAT

CIVIL AEROSPACE TRADE (EEC-10) EQUIPMENT

1) IMPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	418,5	74,6	67,4	0,2
1982	486,5	78,1	70,8	0,1
1983	594,9	77,6	69,6	0,1
1984	647,2	78,3	69,8	0,1
1985	556,1	77,5	69,4	0,1

2) EXPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	307,6	59,1	18,6	0,7
1982	328,4	61,3	19,4	0,8
1983	380,5	59,0	18,2	0,6
1984	459,0	60,6	19,6	0,5
1985	446,3	61,6	22,8	0,5

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	-110,9	-130,4	-224,9	1,6
1982	-158,1	-178,3	-280,6	2,0
1983	-214,4	-237,2	-344,8	1,8
1984	-188,1	-228,6	-361,6	1,6
1985	-109,8	-155,7	-284,2	1,9

SOURCE : EUROSTAT

CIVIL AEROSPACE TRADE (EEC-10) OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	239,5	63,3	56,4	1,3
1982	254,4	62,9	56,0	0,9
1983	246,0	70,6	61,3	1,9
1984	284,3	77,3	63,7	2,7
1985	234,5	74,3	63,7	2,0

2) EXPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	174,1	63,6	14,6	0,6
1982	230,2	67,7	15,5	0,4
1983	241,0	63,4	12,4	0,3
1984	274,8	61,8	15,0	0,4
1985	257,1	65,8	22,7	2,9

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	-5,0	-20,9	-121,0	-4,0
1984	-9,5	-50,0	-139,9	-6,7
1985	22,6	-5,0	-91,0	2,9

SOURCE : EUROSTAT

CIVIL AEROSPACE TRADE : BELGI. LUX.

AIRFRAMES - ENGINES - EQUIPMENT - OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	246.4	52.8	28.1	0.2
1982	273.1	44.7	29.6	0.2
1983	270.0	51.0	47.4	0.7
1984	385.9	52.5	41.3	0.5
1985	274.1	67.5	61.3	1.0

2) EXPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	84.1	67.2	4.9	0.1
1982	107.7	60.9	3.4	0.0
1983	125.5	60.0	3.7	0.1
1984	158.3	67.4	12.4	0.0
1985	179.3	68.6	6.7	0.1

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	-162.3	-73.5	-65.1	-0.5
1982	-165.4	-56.6	-77.1	-0.6
1983	-144.5	-62.3	-123.4	-1.7
1984	-227.6	-96.1	-139.8	-1.8
1985	-94.8	-61.9	-156.1	-2.6

AIRFRAMES - ENGINES - EQUIPMENT - OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	349.5	96.9	91.7	0.0
1982	212.9	98.7	93.9	0.0
1983	118.9	95.0	91.8	0.0
1984	91.3	93.2	86.2	0.0
1985	359.2	76.3	71.4	0.0

2) EXPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	33.1	50.3	20.7	0.0
1982	41.3	79.6	13.9	0.0
1983	28.6	48.3	20.5	0.0
1984	11.1	73.4	26.4	0.0
1985	105.0	7.5	1.9	0.0

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	-316.4	-321.8	-313.6	-0.0
1982	-171.6	-177.3	-194.1	-0.0
1983	-90.3	-99.1	-103.3	-0.0
1984	-80.1	-76.9	-75.7	-0.0
1985	-254.1	-266.1	-254.4	-0.0

CIVIL AEROSPACE TRADE : DEUTSCHLAND

AIRFRAMES - ENGINES - EQUIPMENT - OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	1557.2	70.0	65.9	0.2
1982	1288.7	60.3	54.0	0.9
1983	1646.1	49.6	41.3	1.9
1984	1667.6	58.7	44.7	0.8
1985	1938.6	64.3	55.4	0.1

2) EXPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	947.4	32.4	14.6	0.3
1982	1157.4	30.6	12.1	0.3
1983	1426.2	37.4	12.2	0.6
1984	1490.2	43.9	15.1	0.4
1985	1139.7	52.0	19.4	1.0

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	-609.7	-783.1	-888.0	0.5
1982	-131.3	-423.1	-555.4	-8.0
1983	-219.9	-281.9	-505.1	-22.7
1984	-177.4	-324.6	-520.1	-7.6
1985	-798.9	-654.3	-852.6	8.8

CIVIL AEROSPACE TRADE : FRANCE

AIRFRAMES - ENGINES - EQUIPMENT - OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	1844.4	78.4	74.7	0.0
1982	1930.8	71.3	67.2	0.0
1983	2139.8	71.0	67.1	0.0
1984	2076.5	69.5	64.6	0.0
1985	1216.8	75.8	62.1	0.0

2) EXPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	2088.8	76.6	27.1	3.7
1982	3110.4	91.8	27.6	3.1
1983	3129.5	75.2	22.7	5.6
1984	4393.2	81.1	22.3	0.4
1985	3866.9	80.2	35.1	3.4

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	244.4	153.6	-811.9	78.1
1982	1179.6	1477.3	-437.8	97.4
1983	989.8	833.3	-724.6	174.2
1984	2316.7	2118.3	-362.6	15.2
1985	2650.1	2177.9	603.0	131.4

CIVIL AEROSPACE TRADE : HELLAS

AIRFRAMES - ENGINES - EQUIPMENT - OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	29.6	59.8	54.6	1.6
1982	22.3	59.8	54.1	1.2
1983	9.2	37.7	24.7	7.6
1984	8.2	18.7	14.2	1.8
1985	40.6	1.2	0.6	0.2

2) EXPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	2.0	75.6	74.3	0.0
1982	21.3	74.3	72.8	0.0
1983	1.5	77.3	76.2	0.0
1984	2.5	1.5	0.0	0.0
1985	0.2	65.0	6.7	0.0

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	-27.6	-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	-0.1
1985	-40.4	-0.3	-0.2	-0.1

CIVIL AEROSPACE TRADE : IRELAND

AIRFRAMES - ENGINES - EQUIPMENT - OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	59.8	60.0	57.2	0.0
1982	52.9	63.8	62.3	0.0
1983	62.7	68.5	67.2	0.0
1984	102.0	65.2	62.1	0.0
1985	97.0	52.3	47.7	0.0

2) EXPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	30.2	60.8	18.5	0.1
1982	33.7	51.7	8.0	0.0
1983	40.4	55.5	22.2	0.0
1984	73.1	55.6	11.7	0.0
1985	71.3	51.6	7.2	0.0

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	-29.6	-17.6	-28.6	0.0
1982	-19.2	-16.6	-30.3	-0.0
1983	-22.2	-20.5	-33.1	-0.0
1984	-28.9	-25.9	-54.8	0.0
1985	-25.7	-13.9	-41.1	0.0

CIVIL AEROSPACE TRADE : ITALIA

AIRFRAMES - ENGINES - EQUIPMENT - OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	537.4	79.3	76.4	0.0
1982	309.3	70.8	66.2	0.0
1983	243.9	85.6	74.1	0.0
1984	617.2	91.9	80.2	0.1
1985	837.5	90.2	72.9	0.0

2) EXPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	288.2	74.3	23.3	0.1
1982	194.4	58.2	30.3	0.3
1983	339.7	73.4	43.0	0.1
1984	544.7	77.0	45.7	0.1
1985	447.3	78.9	39.0	0.4

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	-249.2	-212.3	-343.4	0.1
1982	-114.9	-106.1	-145.7	0.5
1983	95.8	40.5	-34.5	0.3
1984	-72.4	-147.9	-245.9	-0.1
1985	-390.2	-402.4	-436.1	1.6

AIRFRAMES - ENGINES - EQUIPMENT - OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	470.2	60.3	53.8	0.0
1982	465.6	56.0	51.2	0.0
1983	901.1	49.2	42.3	0.0
1984	872.8	57.4	50.1	0.0
1985	747.2	25.7	22.4	0.0

2) EXPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	461.1	81.3	35.4	0.0
1982	424.2	72.5	23.2	0.0
1983	672.1	81.6	29.5	0.0
1984	683.3	78.8	37.0	0.1
1985	508.7	84.8	60.6	0.0

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	-9.1	91.5	-89.9	-0.1
1982	-41.3	46.7	-140.0	-0.0
1983	-229.0	105.0	-183.2	-0.2
1984	-189.5	38.1	-184.1	0.4
1985	-238.6	239.4	140.4	-0.2

CIVIL AEROSPACE TRADE : UNITED KINGDOM

AIRFRAMES - ENGINES - EQUIPMENT - OTHER MATERIAL

1) IMPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	2085.0	NA	NA	NA
1982	3574.6	NA	NA	NA
1983	3644.8	NA	NA	NA
1984	4331.4	NA	NA	NA
1985	2840.3	NA	NA	NA

2) EXPORTS

	TOTAL (MIO ECU)	EXTRA EEC (%)	USA (%)	JAPAN (%)
1981	1554.0	NA	NA	NA
1982	2320.2	NA	NA	NA
1983	3487.7	NA	NA	NA
1984	4543.4	NA	NA	NA
1985	3485.0	NA	NA	NA

3) BALANCE (MIO ECU)

	TOTAL	EXTRA EEC	USA	JAPAN
1981	-531.0	NA	NA	NA
1982	-1254.5	NA	NA	NA
1983	-157.1	NA	NA	NA
1984	212.0	NA	NA	NA
1985	644.7	NA	NA	NA

CHAPTER 6

TURNOVER OF THE AEROSPACE
INDUSTRY

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.
2. Mention should be made of the following distinctions:

- Overall Turnover

This includes transactions between aerospace companies within individual Member States. Consequently, it does not show the output of the aerospace industry as such since it does not separate out intermediate trade in each Member State.

- Final Turnover in each Member State

This does not include transactions between aerospace companies within individual Member States and, therefore, it shows the output of the aerospace industry as such.

Thus, the difference between overall turnover and final turnover (for each Member State) is an indication of the sale of aerospace goods and services between companies within individual Member States in different subsectors (airframes, engines, equipment and space) and between companies within individual Member States in the same subsectors (e.g. subcontracting between airframe manufacturers for certain sub-assemblies).

3. The items considered in the various subsectors are as follows:

- (a) Airframes : (Aeroplanes, helicopters, gliders), missiles and engines, their parts and spares.
- (b) Engines : Piston, turboprop and turbojet engines, their parts and spares, equipment and accessories for installation in the equipment mentioned under (a).
- (c) Equipment : All equipment for (a) and (d) (finished products, part and spares, sub-assemblies), including test and ground-training equipment.
- (d) Space : Space vehicles, satellites, launch vehicles, ground installation.

4. In current value, the EEC aerospace turnover represents one third of the US aerospace turnover. The Japanese aerospace turnover amounts to less than 10% of EEC aerospace turnover.

In 1976-1977 growth of the aerospace sector began to recover after a period of stagnation: the annual growth rate doubled between the periods 1970-1976 and 1977-1982.

In order to evaluate the European performance one compares these growth rates to the US and Japanese rates at constant prices and exchange rates. This shows that in the US and Japan, the aerospace industry started to recover in 1977, but that growth was higher in the EEC than in the US: this is explained by a latter development in Europe. In Japan, growth rates are also higher than in the US and for the same reason.

The subsector "Airframes, Missiles and Space" represents about 3/5 of EEC aerospace turnover. The subsectors "engines" and "equipment" amount to about 1/5 and 1/4 respectively of the aerospace turnover. The share of the subsector "Equipment" increased during the last 10 years, at the loss of that of "Airframes, Missiles and Space".

The share of the aerospace internal public market represents about 30% of EEC aerospace turnover (7% of the civil turnover and 40% of the military turnover). The share of the internal public market in the various subsectors is as follows:

- airframes : 28%
- engines : 24%
- equipment : 37%
- space : 36%

The share of the aerospace internal commercial market represents about 40% of EEC aerospace turnover (53% of the civil turnover and 33% of the military turnover). The share of the internal commercial market in the various subsectors is as follows:

- airframes : 34%
- engines : 42%
- equipment : 47%
- space : 55%

EEC aerospace exports, in current value, had a sustained growth rate during the last ten years. The share of the aerospace exports represents about 30% of EEC aerospace turnover (40% of the civil turnover and 27% of the military turnover). The share of the exports in the various subsectors is as follows:

- airframes : 39%
- engines : 33%
- equipment : 16%
- space : 9%

FINAL NATIONAL TURNOVER

1) MIO ECU - CURRENT PRICES

	BE	DE	FR	IT	NL	UK	EEC 10	ES	USA	JAPAN	CANADA
1973	61	1339	2377	371	159	2667	6974	-	17019	525	537
1974	74	1518	2669	395	133	2880	7669	-	19101	557	625
1975	100	1436	3640	598	228	3360	9362	-	19891	651	622
1976	114	1815	4659	623	279	3547	11039	-	23269	755	762
1977	118	1735	4790	709	286	3866	11504	-	23846	850	783
1978	146	1984	5076	814	288	4407	12713	132	24453	1045	791
1979	218	3077	5768	990	338	4702	15093	131	28059	934	1032
1980	333	3360	7270	1230	372	7646	20210	184	34041	872	1352
1981	429	4113	8821	1757	445	9581	25146	262	49118	1190	2199
1982	413	5084	9813	2181	492	10079	28062	354	59945	1848	2292
1983	344	5379	10826	2661	605	10015	29830	346	72021	2109	2352
1984	287	5628	11724	2766	594	11208	32207	-	84349	-	2873

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	38.2	100.0	-	244.0	7.5	7.7
1974	1.0	19.8	34.8	5.1	1.7	37.6	100.0	-	249.1	7.3	8.1
1975	1.1	15.3	38.9	6.4	2.4	35.9	100.0	-	212.5	7.0	6.6
1976	1.0	16.4	42.2	5.6	2.5	32.1	100.0	-	210.8	6.8	6.9
1977	1.0	15.1	41.6	6.2	2.5	33.6	100.0	-	207.3	7.4	6.8
1978	1.1	15.6	39.9	6.4	2.3	34.7	100.0	1.0	192.3	8.2	6.2
1979	1.4	20.4	38.2	6.6	2.2	31.2	100.0	0.9	185.9	6.2	6.8
1980	1.6	16.6	36.0	6.1	1.8	37.8	100.0	0.9	168.4	4.3	6.7
1981	1.7	16.4	35.1	7.0	1.8	38.1	100.0	1.0	195.3	4.7	8.7
1982	1.5	18.1	35.0	7.8	1.8	35.9	100.0	1.3	213.6	6.6	8.2
1983	1.2	18.0	36.3	8.9	2.0	33.6	100.0	1.2	241.4	7.1	7.9
1984	0.9	17.5	36.4	8.6	1.8	34.8	100.0	-	261.9	-	8.9

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

	BE	DE	FR	IT	NL	UK	EEC 10	ES	USA	JAPAN	CANADA
1973		38.7	-	-2.5	-13.5	20.3		-	7.6	22.7	-6.8
1974	13.0	1.5	16.4	-8.9	-36.2	2.0	5.4	-	0.1	8.4	-4.7
1975	12.3	-14.0	4.0	24.7	56.8	3.9	2.7	-	-3.8	10.7	-2.6
1976	2.0	9.9	6.3	-7.3	0.5	-3.2	2.4	-	-3.4	0.3	-2.5
1977	-8.6	-11.1	0.1	14.8	-5.0	-6.4	-3.3	-	-3.6	3.7	5.2
1978	17.5	3.4	3.4	11.5	-0.5	0.9	3.2	-	3.2	8.6	13.4
1979	50.8	49.5	4.2	15.6	11.5	-7.3	8.9	-20.1	11.0	2.3	30.6
1980	49.2	7.6	15.8	14.1	6.0	37.4	20.2	34.1	9.6	-0.0	19.2
1981	27.8	17.4	17.1	38.4	27.7	-0.8	13.6	28.9	3.5	1.0	20.9
1982	-1.5	9.7	6.6	12.9	-0.8	-3.4	4.7	24.6	-2.6	51.8	-14.7
1983	-19.4	-	6.2	16.6	14.2	-	-	3.6	0.5	-	-11.5
1984	-	-	-	-	-	-	-	-	-4.5	-	10.3

	BE	DE	FR	IT	NL	UK	EEC 10	ES	USA	JAPAN	CANADA
1973-84	-	-	-	-	-	-	-	-	0.8	-	4.9

SOURCES: 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	1529	354	173	2101	4875	-	16806	396	586
1973	61	1077	1994	352	159	2321	5963	-	17019	525	537
1974	74	1195	2264	353	133	2496	6515	-	19101	557	625
1975	99	1217	2928	493	228	2896	7861	-	19891	651	622
1976	111	1530	3734	491	279	3105	9251	-	23269	755	762
1977	114	1433	3927	568	286	3425	9752	-	23846	850	783
1978	132	1705	4213	623	285	3889	10847	132	24453	1045	791
1979	215	2590	4733	773	337	4029	12676	131	28059	934	1032
1980	320	2710	5992	1028	371	6647	17068	184	34041	872	1352
1981	426	3317	7245	1526	441	8153	21108	262	49118	1190	2199
1982	409	4112	7983	1867	486	8705	23560	354	59945	1848	2292
1983	339	4271	8904	2220	595	8895	25225	346	72021	2109	2352
1984	284	4515	9962	2331	584	9889	27566	-	84349	-	2873

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	8.1	12.0
1973	1.0	18.1	33.4	5.9	2.7	38.9	100.0	-	285.4	8.8	9.0
1974	1.1	18.3	34.7	5.4	2.0	38.3	100.0	-	293.2	8.6	9.6
1975	1.3	15.5	37.2	6.3	2.9	36.8	100.0	-	253.0	8.3	7.9
1976	1.2	16.5	40.4	5.3	3.0	33.6	100.0	-	251.5	8.2	8.2
1977	1.2	14.7	40.3	5.8	2.9	35.1	100.0	-	244.5	8.7	8.0
1978	1.2	15.7	38.8	5.7	2.6	35.8	100.0	1.2	225.4	9.6	7.3
1979	1.7	20.4	37.3	6.1	2.7	31.8	100.0	1.0	221.4	7.4	8.1
1980	1.9	15.9	35.1	6.0	2.2	38.9	100.0	1.1	199.4	5.1	7.9
1981	2.0	15.7	34.3	7.2	2.1	38.6	100.0	1.2	232.7	5.6	10.4
1982	1.7	17.5	33.9	7.9	2.1	36.9	100.0	1.5	254.4	7.8	9.7
1983	1.3	16.9	35.3	8.8	2.4	35.3	100.0	1.4	285.5	8.4	9.3
1984	1.0	16.4	36.1	8.5	2.1	35.9	100.0	-	306.0	-	10.4

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	4.6	-	-4.5	6.1	-
1973	51.3	40.0	15.2	-0.4	-13.5	17.6	17.7	-	7.6	22.7	-6.8
1974	12.7	-0.7	17.7	-14.2	-36.2	1.6	4.6	-	0.1	8.4	-4.7
1975	11.4	-7.5	-1.4	15.2	56.8	3.4	1.5	-	-3.8	10.7	-2.6
1976	0.6	9.4	5.9	-11.6	0.5	-1.7	2.3	-	-3.4	0.3	-2.5
1977	-9.3	-12.9	2.4	16.9	-5.0	-5.3	-2.4	-	-3.6	3.7	5.2
1978	9.9	7.7	4.7	6.6	-1.3	0.5	3.7	-	3.2	8.6	13.4
1979	64.6	46.4	3.0	17.8	11.9	-9.9	7.3	-20.1	11.0	2.3	30.6
1980	45.1	3.1	16.3	22.3	6.3	39.4	20.7	34.1	9.6	-0.0	19.2
1981	32.1	17.3	16.7	43.7	26.7	-2.9	13.1	28.9	3.5	1.0	20.9
1982	-1.7	10.0	5.6	11.2	-1.1	-1.9	4.5	24.6	-2.6	51.8	-14.7
1983	-19.7	-	7.4	13.7	13.9	-	-	3.6	0.5	-	-11.5
1984	-	-	-	-	-	-	-	-	-4.5	-	10.3

	BE	DE	FR	IT	NL	UK	EEC 10	ES	USA	JAPAN	CANADA
1972-84	-	-	-	-	-	-	-	-	0.9	-	3.9

SOURCES: INDUSTRIAL ASSOCIATIONS

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

1) EEC 10

	SUBSECTORS			DESTINATION	
	AIRFRAMES MISSILES SPACE	ENGINES	EQUIPMENT	CIVIL	MILITARY
	1971	-	-	-	-
1972	-	-	-	-	-
1973	52.4	27.5	20.1	34.2	65.8
1974	54.7	23.9	21.3	32.3	67.7
1975	54.4	23.6	22.0	31.7	68.3
1976	58.9	20.5	20.6	30.7	69.3
1977	58.5	21.5	20.0	30.1	69.9
1978	57.3	21.1	21.7	28.6	71.4
1979	59.4	20.0	20.6	28.9	71.1
1980	57.0	19.8	23.2	29.9	70.1
1981	56.2	20.0	23.8	29.7	70.3
1982	57.4	20.0	22.6	30.0	70.0
1983	57.3	17.5	25.1	32.1	67.9
1984	56.6	18.0	25.3	31.7	68.3

2) USA

	SUBSECTORS			DESTINATION	
	AIRFRAMES MISSILES SPACE	ENGINES	EQUIPMENT	CIVIL	MILITARY
	1971	-	-	14.6	-
1972	-	-	16.5	-	-
1973	-	-	14.8	-	-
1974	-	-	14.9	-	-
1975	68.6	16.3	15.1	40.2	59.8
1976	67.2	16.7	16.1	41.0	59.0
1977	64.4	17.1	18.6	39.0	61.0
1978	65.2	17.2	17.6	39.6	60.4
1979	65.8	17.0	17.1	52.7	47.3
1980	63.5	16.5	20.0	52.4	47.6
1981	61.3	17.7	21.0	46.5	53.5
1982	57.3	17.4	25.3	36.4	63.6
1983	59.7	16.2	24.2	34.8	65.2
1984	59.6	17.1	23.3	31.3	68.7

3) JAPAN

	SUBSECTORS		
	AIRFRAMES MISSILES SPACE	ENGINES	EQUIPMENT
1971	64.4	16.2	19.4
1972	61.4	18.7	19.9
1973	64.0	17.4	18.7
1974	63.2	18.2	18.7
1975	63.9	19.3	16.8
1976	63.8	21.6	14.6
1977	61.4	21.0	17.6
1978	60.8	20.5	18.7
1979	59.2	20.1	20.8
1980	58.5	21.6	19.9
1981	60.8	21.2	18.0
1982	62.7	19.3	18.0
1983	61.1	18.6	20.3
1984	-	-	-

BREAKDOWN OF EEC 10 OVERALL TURNOVER (MIO·ECUS)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	3734.7	3816.8	3804.0	4294.5	5395.1	6493.9	6678.7	7190.1	8071.5	9176.5
- R-D CONTRACTS.....	1547.8	1565.8	1277.8	1418.6	1848.2	2033.6	2056.2	2145.3	2488.6	2845.2
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	534.8	535.6	586.2	642.5	788.9	1035.1	1130.2	1222.3	1205.9	1568.5
- SALES.....	1652.1	1715.4	1940.0	2233.3	2758.0	3425.2	3492.3	3822.6	4377.0	4762.7
AEROSPACE MANUFACTURERS.....	2952.7	3507.5	3571.5	4085.9	5245.2	7454.5	10332.3	11783.1	12651.7	13185.1
- NATIONAL.....	1501.5	1787.4	1751.8	1865.9	2416.6	3141.4	4038.2	4501.9	4604.9	4641.2
- EEC 10.....	1062.5	1337.0	1483.5	1737.4	2124.8	3068.3	4573.9	5449.0	6203.3	6340.7
- NON-MEMBER COUNTRIES.....	388.7	383.1	336.2	482.5	703.8	1244.8	1720.2	1832.3	1843.6	2203.2
FINAL USERS.....	2675.1	3714.6	4128.3	4332.8	4452.3	6261.4	8135.3	9089.0	9106.4	9845.3
- NATIONAL.....	428.0	784.7	732.8	688.8	621.1	847.2	877.7	911.2	849.6	1123.1
- EEC 10.....	338.2	480.8	488.9	353.4	495.4	1032.6	1007.6	1161.0	927.6	950.6
- NON-MEMBER COUNTRIES.....	1908.9	2449.1	2906.5	3290.6	3335.9	4381.6	6250.1	7016.8	7329.1	7771.6
TOTAL.....	9362.5	11038.9	11503.8	12713.2	15092.7	20209.8	25146.3	28062.2	29829.6	32206.9
PUBLIC INTERNAL MARKET (1).....	3952.6	4113.0	4094.4	4452.2	5552.5	7114.7	7234.3	7888.9	8557.0	9561.9
COMMERCIAL INTERNAL MARKET (2).....	3112.3	4093.6	4166.7	4487.9	5500.5	7468.7	9941.7	11324.3	12099.9	12670.2
EXPORTS (3).....	2297.6	2832.2	3242.8	3773.1	4039.7	5626.4	7970.3	8849.0	9172.7	9974.8

(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)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	39.9	34.6	33.1	33.8	35.7	32.1	26.6	25.6	27.1	28.5
- R-D CONTRACTS.....	16.5	14.2	11.1	11.2	12.2	10.1	8.2	7.6	8.3	8.8
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	5.7	4.9	5.1	5.1	5.2	5.1	4.5	4.4	4.0	4.9
- SALES.....	17.6	15.5	16.9	17.6	18.3	16.9	13.9	13.6	14.7	14.8
AEROSPACE MANUFACTURERS.....	31.5	31.8	31.0	32.1	34.8	36.9	41.1	42.0	42.4	40.9
- NATIONAL.....	16.0	16.2	15.2	14.7	16.0	15.5	16.1	16.0	15.4	14.4
- EEC 10.....	11.3	12.1	12.9	13.7	14.1	15.2	18.2	19.4	20.8	19.7
- NON-MEMBER COUNTRIES.....	4.2	3.5	2.9	3.8	4.7	6.2	6.8	6.5	6.2	6.8
FINAL USERS.....	28.6	33.6	35.9	34.1	29.5	31.0	32.4	32.4	30.5	30.6
- NATIONAL.....	4.6	7.1	6.4	5.4	4.1	4.2	3.5	3.2	2.8	3.5
- EEC 10.....	3.6	4.4	4.3	2.8	3.3	5.1	4.0	4.1	3.1	3.0
- NON-MEMBER COUNTRIES.....	20.4	22.2	25.3	25.9	22.1	21.7	24.9	25.0	24.6	24.1
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).....	42.2	37.3	35.6	35.0	36.8	35.2	28.8	28.1	28.7	29.7
COMMERCIAL INTERNAL MARKET (2).....	33.2	37.1	36.2	35.3	36.4	37.0	39.5	40.4	40.6	39.3
EXPORTS (3).....	24.5	25.7	28.2	29.7	26.8	27.8	31.7	31.5	30.8	31.0

(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)									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	433.4	365.7	411.9	392.6	728.6	572.3	559.9	666.9	812.8	703.9
- R-D CONTRACTS.....	330.2	258.6	231.8	196.4	187.0	331.7	274.6	340.3	333.2	349.0
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	35.5	30.8	29.7	33.7	41.3	65.2	66.5	58.3	64.3	57.1
- SALES.....	67.8	76.4	150.4	162.5	500.3	175.4	218.7	268.2	415.2	297.8
AEROSPACE MANUFACTURERS.....	1349.6	1378.0	1301.4	1328.0	1739.4	2773.4	3607.3	4489.7	4883.4	5082.9
- NATIONAL.....	743.5	677.2	580.0	662.8	900.6	1389.2	1494.7	1641.7	1886.3	1780.6
- EEC 10.....	376.9	485.6	514.2	395.7	466.6	701.1	1122.5	1813.2	1938.0	1897.7
- NON-MEMBER COUNTRIES.....	229.3	215.1	207.1	269.5	372.2	633.1	990.0	1034.9	1059.1	1404.6
FINAL USERS.....	1181.6	1646.7	1753.8	1915.3	1897.2	2706.0	3304.3	3265.1	3884.2	4432.4
- NATIONAL.....	428.0	784.7	732.8	688.8	621.1	847.2	877.7	911.2	849.6	1123.1
- EEC 10.....	120.3	184.6	198.6	195.7	338.0	411.8	452.0	462.2	442.1	565.2
- NON-MEMBER COUNTRIES.....	633.3	677.4	822.4	1030.7	938.1	1447.0	1974.6	1891.6	2592.4	2744.1
TOTAL.....	2964.7	3390.4	3467.1	3635.8	4365.3	6051.7	7471.4	8421.7	9580.4	10219.1
PUBLIC INTERNAL MARKET (1).....	433.4	365.7	411.9	392.6	728.6	572.3	559.9	666.9	812.8	703.9
COMMERCIAL INTERNAL MARKET (2).....	1668.7	2132.1	2025.7	1943.0	2326.3	3349.3	3946.8	4828.3	5116.1	5366.6
EXPORTS (3).....	862.6	892.6	1029.5	1300.2	1310.3	2130.1	2964.7	2926.5	3651.5	4148.7

(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)									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	14.6	10.8	11.9	10.8	16.7	9.5	7.5	7.9	8.5	6.9
- R-D CONTRACTS.....	11.1	7.6	6.7	5.4	4.3	5.5	3.7	4.0	3.5	3.4
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	1.2	0.9	0.9	0.9	0.9	1.1	0.9	0.7	0.7	0.6
- SALES.....	2.3	2.3	4.3	4.5	11.5	2.9	2.9	3.2	4.3	2.9
AEROSPACE MANUFACTURERS.....	45.5	40.6	37.5	36.5	39.8	45.8	48.3	53.3	51.0	49.7
- NATIONAL.....	25.1	20.0	16.7	18.2	20.6	23.0	20.0	19.5	19.7	17.4
- EEC 10.....	12.7	14.3	14.8	10.9	10.7	11.6	15.0	21.5	20.2	18.6
- NON-MEMBER COUNTRIES.....	7.7	6.3	6.0	7.4	8.5	11.3	13.3	12.3	11.1	13.7
FINAL USERS.....	39.9	48.6	50.6	52.7	43.5	44.7	44.2	38.8	40.5	43.4
- NATIONAL.....	14.4	23.1	21.1	18.9	14.2	14.0	11.7	10.8	8.9	11.0
- EEC 10.....	4.1	5.4	5.7	5.4	7.7	6.8	6.0	5.5	4.6	5.5
- NON-MEMBER COUNTRIES.....	21.4	20.0	23.7	28.3	21.5	23.9	26.4	22.5	27.1	26.9
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).....	14.6	10.8	11.9	10.8	16.7	9.5	7.5	7.9	8.5	6.9
COMMERCIAL INTERNAL MARKET (2).....	56.3	62.9	58.4	53.4	53.3	55.3	52.8	57.3	53.4	52.5
EXPORTS (3).....	29.1	26.3	29.7	35.8	30.0	35.2	39.7	34.8	38.1	40.6

(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)									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	4.6	3.3	3.6	3.1	4.8	2.8	2.2	2.4	2.7	2.2
- R-D CONTRACTS.....	3.5	2.3	2.0	1.5	1.2	1.6	1.1	1.2	1.1	1.1
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
- SALES.....	0.7	0.7	1.3	1.3	3.3	0.9	0.9	1.0	1.4	0.9
AEROSPACE MANUFACTURERS.....	14.4	12.5	11.3	10.4	11.5	13.7	14.3	16.0	16.4	15.8
- NATIONAL.....	7.9	6.1	5.0	5.2	6.0	6.9	5.9	5.9	6.3	5.5
- EEC 10.....	4.0	4.4	4.5	3.1	3.1	3.5	4.5	6.5	6.5	5.9
- NON-MEMBER COUNTRIES.....	2.4	1.9	1.8	2.1	2.5	3.4	3.9	3.7	3.6	4.4
FINAL USERS.....	12.6	14.9	15.2	15.1	12.6	13.4	13.1	11.6	13.0	13.8
- NATIONAL.....	4.6	7.1	6.4	5.4	4.1	4.2	3.5	3.2	2.8	3.5
- EEC 10.....	1.3	1.7	1.7	1.5	2.2	2.0	1.8	1.6	1.5	1.8
- NON-MEMBER COUNTRIES.....	6.8	6.1	7.1	8.1	6.2	7.2	7.9	6.7	8.7	8.5
TOTAL.....	31.7	30.7	30.1	28.6	28.9	29.9	29.7	30.0	32.1	31.7
PUBLIC INTERNAL MARKET (1).....	4.6	3.3	3.6	3.1	4.8	2.8	2.2	2.4	2.7	2.2
COMMERCIAL INTERNAL MARKET (2).....	17.8	19.3	17.6	15.3	15.4	16.6	15.7	17.2	17.2	16.7
EXPORTS (3).....	9.2	8.1	8.9	10.2	8.7	10.5	11.8	10.4	12.2	12.9

(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)									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	3301.2	3451.1	3392.1	3901.9	4666.5	5921.6	6118.8	6523.3	7258.8	8472.6
- R-D CONTRACTS.....	1217.7	1307.3	1046.0	1222.3	1661.2	1701.8	1781.6	1804.9	2155.4	2496.3
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	499.3	504.8	556.5	608.8	747.6	969.9	1063.7	1164.0	1141.6	1511.5
- SALES.....	1584.3	1639.0	1789.6	2070.8	2257.6	3249.8	3273.6	3554.3	3961.8	4464.8
AEROSPACE MANUFACTURERS.....	1603.1	2129.6	2270.1	2757.9	3505.8	4681.2	6725.0	7293.4	7768.3	8102.2
- NATIONAL.....	758.0	1110.2	1171.7	1203.1	1516.0	1752.2	2543.6	2860.2	2718.6	2860.6
- EEC 10.....	685.7	851.4	969.3	1341.8	1658.3	2367.2	3451.3	3635.8	4265.3	4443.0
- NON-MEMBER COUNTRIES.....	159.4	168.0	129.1	213.0	331.6	561.7	730.1	797.4	784.5	798.6
FINAL USERS.....	1493.5	2067.9	2374.5	2417.6	2555.2	3555.3	4831.1	5823.9	5222.2	5412.9
- NATIONAL.....	-	-	-	-	-	-	-	-	-	-
- EEC 10.....	217.9	296.2	290.4	157.7	157.4	620.8	555.6	698.8	485.5	385.4
- NON-MEMBER COUNTRIES.....	1275.6	1771.7	2084.1	2259.9	2397.8	2934.5	4275.5	5125.1	4736.7	5027.5
TOTAL.....	6397.8	7648.5	8036.7	9077.4	10727.4	14158.1	17674.9	19640.5	20249.3	21987.7
PUBLIC INTERNAL MARKET (1).....	3519.1	3747.3	3682.4	4059.6	4823.8	6542.4	6674.4	7222.0	7744.3	8858.0
COMMERCIAL INTERNAL MARKET (2).....	1443.7	1961.6	2141.0	2544.9	3174.2	4119.5	5994.9	6496.0	6983.8	7303.6
EXPORTS (3).....	1435.0	1939.7	2213.2	2472.9	2729.4	3496.2	5005.6	5922.5	5521.2	5826.1

(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)									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	51.6	45.1	42.2	43.0	43.5	41.8	34.6	33.2	35.8	38.5
- R-D CONTRACTS.....	19.0	17.1	13.0	13.5	15.5	12.0	10.1	9.2	10.6	11.4
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	7.8	6.6	6.9	6.7	7.0	6.9	6.0	5.9	5.6	6.9
- SALES.....	24.8	21.4	22.3	22.8	21.0	23.0	18.5	18.1	19.6	20.3
AEROSPACE MANUFACTURERS.....	25.1	27.8	28.2	30.4	32.7	33.1	38.0	37.1	38.4	36.8
- NATIONAL.....	11.8	14.5	14.6	13.3	14.1	12.4	14.4	14.6	13.4	13.0
- EEC 10.....	10.7	11.1	12.1	14.8	15.5	16.7	19.5	18.5	21.1	20.2
- NON-MEMBER COUNTRIES.....	2.5	2.2	1.6	2.3	3.1	4.0	4.1	4.1	3.9	3.6
FINAL USERS.....	23.3	27.0	29.5	26.6	23.8	25.1	27.3	29.7	25.8	24.6
- NATIONAL.....	-	-	-	-	-	-	-	-	-	-
- EEC 10.....	3.4	3.9	3.6	1.7	1.5	4.4	3.1	3.6	2.4	1.8
- NON-MEMBER COUNTRIES.....	19.9	23.2	25.9	24.9	22.4	20.7	24.2	26.1	23.4	22.9
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).....	55.0	49.0	45.8	44.7	45.0	46.2	37.8	36.8	38.2	40.3
COMMERCIAL INTERNAL MARKET (2).....	22.6	25.6	26.6	28.0	29.6	29.1	33.9	33.1	34.5	33.2
EXPORTS (3).....	22.4	25.4	27.5	27.2	25.4	24.7	28.3	30.2	27.3	26.5

(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

	MILITARY SECTOR (% OF TOTAL)									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	35.3	31.3	29.5	30.7	30.9	29.3	24.3	23.2	24.3	26.3
- R-D CONTRACTS.....	13.0	11.8	9.1	9.6	11.0	8.4	7.1	6.4	7.2	7.8
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	5.3	4.6	4.8	4.8	5.0	4.8	4.2	4.1	3.8	4.7
- SALES.....	16.9	14.8	15.6	16.3	15.0	16.1	13.0	12.7	13.3	13.9
AEROSPACE MANUFACTURERS.....	17.1	19.3	19.7	21.7	23.2	23.2	26.7	26.0	26.0	25.2
- NATIONAL.....	8.1	10.1	10.2	9.5	10.0	8.7	10.1	10.2	9.1	8.9
- EEC 10.....	7.3	7.7	8.4	10.6	11.0	11.7	13.7	13.0	14.3	13.8
- NON-MEMBER COUNTRIES.....	1.7	1.5	1.1	1.7	2.2	2.8	2.9	2.8	2.6	2.5
FINAL USERS.....	16.0	18.7	20.6	19.0	16.9	17.6	19.2	20.8	17.5	16.8
- NATIONAL.....	-	-	-	-	-	-	-	-	-	-
- EEC 10.....	2.3	2.7	2.5	1.2	1.0	3.1	2.2	2.5	1.6	1.2
- NON-MEMBER COUNTRIES.....	13.6	16.0	18.1	17.8	15.9	14.5	17.0	18.3	15.9	15.6
TOTAL.....	68.3	69.3	69.9	71.4	71.1	70.1	70.3	70.0	67.9	68.3
PUBLIC INTERNAL MARKET (1).....	37.6	33.9	32.0	31.9	32.0	32.4	26.5	25.7	26.0	27.5
COMMERCIAL INTERNAL MARKET (2).....	15.4	17.8	18.6	20.0	21.0	20.4	23.8	23.1	23.4	22.7
EXPORTS (3).....	15.3	17.6	19.2	19.5	18.1	17.3	19.9	21.1	18.5	18.1

(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									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	2003.5	2127.4	2010.2	2439.5	3512.6	3637.0	3626.8	3739.2	4150.7	4417.9
- R-D CONTRACTS.....	917.8	961.2	592.4	748.8	1167.7	1091.7	1131.2	1132.1	1312.4	1566.3
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	286.1	288.9	304.1	328.2	471.6	543.8	591.5	643.7	610.8	801.4
- SALES.....	799.7	877.4	1113.7	1362.4	1873.3	2001.6	1904.1	1963.4	2227.4	2050.3
AEROSPACE MANUFACTURERS.....	996.3	1220.1	1219.2	1493.7	2031.4	3001.1	3949.8	4707.0	5353.8	5319.4
- NATIONAL.....	385.1	488.1	454.0	535.6	737.0	937.8	1211.8	1356.3	1440.5	1339.6
- EEC 10.....	504.1	665.4	692.3	821.7	1076.3	1706.4	2369.0	2857.7	3534.8	3588.5
- NON-MEMBER COUNTRIES.....	107.1	66.6	72.9	136.3	218.1	356.9	369.1	493.0	378.5	391.2
FINAL USERS.....	1840.2	2821.4	3049.3	2996.5	2995.7	4252.1	5788.6	6611.6	6470.8	7199.9
- NATIONAL.....	223.0	517.1	462.3	328.0	244.9	349.1	410.4	472.7	334.8	500.3
- EEC 10.....	197.5	303.7	257.3	163.3	218.3	592.2	514.3	713.5	547.7	495.2
- NON-MEMBER COUNTRIES.....	1419.7	2000.6	2329.7	2505.3	2532.5	3310.7	4863.8	5425.4	5588.4	6204.4
TOTAL.....	4840.0	6168.9	6278.7	6929.7	8539.7	10890.2	13365.2	15057.8	15975.3	16937.2
PUBLIC INTERNAL MARKET (1).....	2147.5	2334.8	2204.6	2497.8	3573.3	4060.2	3980.9	4247.4	4453.6	4672.2
COMMERCIAL INTERNAL MARKET (2).....	1165.7	1766.9	1671.5	1790.3	2215.8	3162.3	4151.4	4892.1	5554.9	5669.3
EXPORTS (3).....	1526.8	2067.2	2402.6	2641.6	2750.6	3667.6	5232.9	5918.4	5966.9	6595.7

(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										
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	41.4	34.5	32.0	35.2	41.1	33.4	27.1	24.8	26.0	26.1
- R-D CONTRACTS.....	19.0	15.6	9.4	10.8	13.7	10.0	8.5	7.5	8.2	9.2
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	5.9	4.7	4.8	4.7	5.5	5.0	4.4	4.3	3.8	4.7
- SALES.....	16.5	14.2	17.7	19.7	21.9	18.4	14.2	13.0	13.9	12.1
AEROSPACE MANUFACTURERS.....	20.6	19.8	19.4	21.6	23.8	27.6	29.6	31.3	33.5	31.4
- NATIONAL.....	8.0	7.9	7.2	7.7	8.6	8.6	9.1	9.0	9.0	7.9
- EEC 10.....	10.4	10.8	11.0	11.9	12.6	15.7	17.7	19.0	22.1	21.2
- NON-MEMBER COUNTRIES.....	2.2	1.1	1.2	2.0	2.6	3.3	2.8	3.3	2.4	2.3
FINAL USERS.....	38.0	45.7	48.6	43.2	35.1	39.0	43.3	43.9	40.5	42.5
- NATIONAL.....	4.6	8.4	7.4	4.7	2.9	3.2	3.1	3.1	2.1	3.0
- EEC 10.....	4.1	4.9	4.1	2.4	2.6	5.4	3.8	4.7	3.4	2.9
- NON-MEMBER COUNTRIES.....	29.3	32.4	37.1	36.2	29.7	30.4	36.4	36.0	35.0	36.6
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).....	44.4	37.8	35.1	36.0	41.8	37.3	29.8	28.2	27.9	27.6
COMMERCIAL INTERNAL MARKET (2).....	24.1	28.6	26.6	25.8	25.9	29.0	31.1	32.5	34.8	33.5
EXPORTS (3).....	31.5	33.5	38.3	38.1	32.2	33.7	39.2	39.3	37.4	38.9

(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									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	21.4	19.3	17.5	19.2	23.3	18.0	14.4	13.3	13.9	13.7
- R-D CONTRACTS.....	9.8	8.7	5.1	5.9	7.7	5.4	4.5	4.0	4.4	4.9
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	3.1	2.6	2.6	2.6	3.1	2.7	2.4	2.3	2.0	2.5
- SALES.....	8.5	7.9	9.7	10.7	12.4	9.9	7.6	7.0	7.5	6.4
AEROSPACE MANUFACTURERS.....	10.6	11.1	10.6	11.7	13.5	14.8	15.7	16.8	17.9	16.5
- NATIONAL.....	4.1	4.4	3.9	4.2	4.9	4.6	4.8	4.8	4.8	4.2
- EEC 10.....	5.4	6.0	6.0	6.5	7.1	8.4	9.4	10.2	11.9	11.1
- NON-MEMBER COUNTRIES.....	1.1	0.6	0.6	1.1	1.4	1.8	1.5	1.8	1.3	1.2
FINAL USERS.....	19.7	25.6	26.5	23.6	19.8	21.0	23.0	23.6	21.7	22.4
- NATIONAL.....	2.4	4.7	4.0	2.6	1.6	1.7	1.6	1.7	1.1	1.6
- EEC 10.....	2.1	2.8	2.2	1.3	1.4	2.9	2.0	2.5	1.8	1.5
- NON-MEMBER COUNTRIES.....	15.2	18.1	20.3	19.7	16.8	16.4	19.3	19.3	18.7	19.3
TOTAL.....	51.7	55.9	54.6	54.5	56.6	53.9	53.1	53.7	53.6	52.6
PUBLIC INTERNAL MARKET (1).....	22.9	21.2	19.2	19.6	23.7	20.1	15.8	15.1	14.9	14.5
COMMERCIAL INTERNAL MARKET (2).....	12.5	16.0	14.5	14.1	14.7	15.6	16.5	17.4	18.6	17.6
EXPORTS (3).....	16.3	18.7	20.9	20.8	18.2	18.1	20.8	21.1	20.0	20.5

(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									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	939.1	836.0	921.9	912.8	904.9	1207.2	1164.1	1266.5	1241.0	1351.6
- R-D CONTRACTS.....	352.5	300.1	364.2	344.1	357.7	290.4	324.0	346.2	374.6	286.2
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	132.1	123.5	145.3	152.6	162.5	280.2	286.7	310.2	311.6	372.0
- SALES.....	454.6	412.4	412.4	416.0	384.8	636.6	553.4	610.1	554.7	693.3
AEROSPACE MANUFACTURERS.....	809.4	963.2	964.5	1065.4	1354.2	1722.2	2704.4	2965.8	2827.5	3249.6
- NATIONAL.....	302.8	354.6	385.4	338.7	510.3	626.8	877.3	974.6	737.5	774.4
- EEC 10.....	329.2	426.1	437.6	510.7	556.3	573.2	1041.0	1155.6	1205.0	1397.9
- NON-MEMBER COUNTRIES.....	177.4	182.5	141.6	216.0	287.7	522.1	786.0	835.6	885.0	1077.4
FINAL USERS.....	462.6	459.3	588.9	698.8	760.6	1062.1	1148.8	1394.1	1165.1	1211.6
- NATIONAL.....	113.2	137.7	162.3	203.0	220.7	286.5	233.6	214.5	293.8	237.3
- EEC 10.....	58.0	67.0	80.9	52.5	71.2	164.4	146.3	212.7	143.4	123.9
- NON-MEMBER COUNTRIES.....	291.4	254.5	345.6	443.3	468.7	611.2	768.9	966.9	728.0	850.4
TOTAL.....	2211.2	2258.5	2475.3	2677.0	3019.7	3991.5	5017.3	5626.4	5233.5	5812.8
PUBLIC INTERNAL MARKET (1).....	982.6	879.0	966.9	947.4	960.0	1330.5	1276.2	1342.9	1319.4	1419.1
COMMERCIAL INTERNAL MARKET (2).....	759.8	942.4	1021.3	1070.3	1303.3	1527.6	2186.1	2481.1	2301.1	2465.9
EXPORTS (3).....	468.8	437.1	487.2	659.3	756.4	1133.4	1555.0	1802.4	1613.0	1927.8

(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									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	42.5	37.0	37.2	34.1	30.0	30.2	23.2	22.5	23.7	23.3
- R-D CONTRACTS.....	15.9	13.3	14.7	12.9	11.8	7.3	6.5	6.2	7.2	4.9
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	6.0	5.5	5.9	5.7	5.4	7.0	5.7	5.5	6.0	6.4
- SALES.....	20.6	18.3	16.7	15.5	12.7	15.9	11.0	10.8	10.6	11.9
AEROSPACE MANUFACTURERS.....	36.6	42.6	39.0	39.8	44.8	43.1	53.9	52.7	54.0	55.9
- NATIONAL.....	13.7	15.7	15.6	12.7	16.9	15.7	17.5	17.3	14.1	13.3
- EEC 10.....	14.9	18.9	17.7	19.1	18.4	14.4	20.7	20.5	23.0	24.0
- NON-MEMBER COUNTRIES.....	8.0	8.1	5.7	8.1	9.5	13.1	15.7	14.9	16.9	18.5
FINAL USERS.....	20.9	20.3	23.8	26.1	25.2	26.6	22.9	24.8	22.3	20.8
- NATIONAL.....	5.1	6.1	6.6	7.6	7.3	7.2	4.7	3.8	5.6	4.1
- EEC 10.....	2.6	3.0	3.3	2.0	2.4	4.1	2.9	3.8	2.7	2.1
- NON-MEMBER COUNTRIES.....	13.2	11.3	14.0	16.6	15.5	15.3	15.3	17.2	13.9	14.6
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).....	44.4	38.9	39.1	35.4	31.8	33.3	25.4	23.9	25.2	24.4
COMMERCIAL INTERNAL MARKET (2).....	34.4	41.7	41.3	40.0	43.2	38.3	43.6	44.1	44.0	42.4
EXPORTS (3).....	21.2	19.4	19.7	24.6	25.0	28.4	31.0	32.0	30.8	33.2

(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									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	10.0	7.6	8.0	7.2	6.0	6.0	4.6	4.5	4.2	4.2
- R-D CONTRACTS.....	3.8	2.7	3.2	2.7	2.4	1.4	1.3	1.2	1.3	0.9
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	1.4	1.1	1.3	1.2	1.1	1.4	1.1	1.1	1.0	1.2
- SALES.....	4.9	3.7	3.6	3.3	2.5	3.1	2.2	2.2	1.9	2.2
AEROSPACE MANUFACTURERS.....	8.6	8.7	8.4	8.4	9.0	8.5	10.8	10.6	9.5	10.1
- NATIONAL.....	3.2	3.2	3.3	2.7	3.4	3.1	3.5	3.5	2.5	2.4
- EEC 10.....	3.5	3.9	3.8	4.0	3.7	2.8	4.1	4.1	4.0	4.3
- NON-MEMBER COUNTRIES.....	1.9	1.7	1.2	1.7	1.9	2.6	3.1	3.0	3.0	3.3
FINAL USERS.....	4.9	4.2	5.1	5.5	5.0	5.3	4.6	5.0	3.9	3.8
- NATIONAL.....	1.2	1.2	1.4	1.6	1.5	1.4	0.9	0.8	1.0	0.7
- EEC 10.....	0.6	0.6	0.7	0.4	0.5	0.8	0.6	0.8	0.5	0.4
- NON-MEMBER COUNTRIES.....	3.1	2.3	3.0	3.5	3.1	3.0	3.1	3.4	2.4	2.6
TOTAL.....	23.6	20.5	21.5	21.1	20.0	19.8	20.0	20.0	17.5	18.0
PUBLIC INTERNAL MARKET (1).....	10.5	8.0	8.4	7.5	6.4	6.6	5.1	4.8	4.4	4.4
COMMERCIAL INTERNAL MARKET (2).....	8.1	8.5	8.9	8.4	8.6	7.6	8.7	8.8	7.7	7.7
EXPORTS (3).....	5.0	4.0	4.2	5.2	5.0	5.6	6.2	6.4	5.4	6.0

(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)

	SPACE SECTOR									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	116.1	162.0	149.7	110.3	114.8	228.8	241.1	350.4	448.8	469.6
- R-D CONTRACTS.....	106.6	144.4	129.3	90.0	86.0	209.4	150.7	213.5	258.0	280.7
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	0.0	3.2	1.5	0.2	3.4	4.5	0.8	2.7	5.4	6.4
- SALES.....	9.6	14.3	18.9	20.1	25.4	14.8	89.6	134.3	185.5	182.5
AEROSPACE MANUFACTURERS.....	83.9	110.7	167.1	128.2	146.7	187.2	270.3	528.6	501.9	495.8
- NATIONAL.....	23.8	46.6	53.3	32.0	55.4	56.3	102.1	147.2	94.7	106.1
- EEC 10.....	55.7	53.2	109.6	89.7	85.3	111.1	152.5	357.3	346.1	331.1
- NON-MEMBER COUNTRIES.....	4.5	10.9	4.3	6.5	6.0	19.7	15.7	24.1	61.1	58.6
FINAL USERS.....	50.4	65.7	129.5	114.1	162.1	217.7	255.8	160.7	173.7	330.8
- NATIONAL.....	7.4	21.5	11.5	9.5	5.6	10.4	14.4	12.8	16.6	95.0
- EEC 10.....	32.3	36.9	72.3	48.2	112.8	145.2	179.9	81.3	91.1	184.1
- NON-MEMBER COUNTRIES.....	10.6	7.3	45.8	56.4	43.8	62.1	61.5	66.7	65.9	51.8
TOTAL.....	250.4	338.3	446.3	352.6	423.6	633.6	767.2	1039.7	1124.4	1296.2
PUBLIC INTERNAL MARKET (1).....	116.2	162.1	149.7	110.4	114.8	228.9	241.1	350.4	448.8	469.6
COMMERCIAL INTERNAL MARKET (2).....	119.2	158.1	246.6	179.2	259.0	322.9	448.8	598.5	548.6	716.2
EXPORTS (3).....	15.0	18.1	50.1	63.0	49.8	81.8	77.3	90.8	127.0	110.4

(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 (% OF SECTORAL TURNOVER)

	SPACE SECTOR									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	46.4	47.9	33.5	31.3	27.1	36.1	31.4	33.7	39.9	36.2
- R-D CONTRACTS.....	42.6	42.7	29.0	25.5	20.3	33.1	19.6	20.5	22.9	21.7
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	0.0	1.0	0.3	0.1	0.8	0.7	0.1	0.3	0.5	0.5
- SALES.....	3.8	4.2	4.2	5.7	6.0	2.3	11.7	12.9	16.5	14.1
AEROSPACE MANUFACTURERS.....	33.5	32.7	37.4	36.4	34.6	29.5	35.2	50.8	44.6	38.3
- NATIONAL.....	9.5	13.8	11.9	9.1	13.1	8.9	13.3	14.2	8.4	8.2
- EEC 10.....	22.2	15.7	24.6	25.4	20.1	17.5	19.9	34.4	30.8	25.5
- NON-MEMBER COUNTRIES.....	1.8	3.2	1.0	1.9	1.4	3.1	2.0	2.3	5.4	4.5
FINAL USERS.....	20.1	19.4	29.0	32.4	38.3	34.4	33.3	15.5	15.4	25.5
- NATIONAL.....	3.0	6.3	2.6	2.7	1.3	1.6	1.9	1.2	1.5	7.3
- EEC 10.....	12.9	10.9	16.2	13.7	26.6	22.9	23.4	7.8	8.1	14.2
- NON-MEMBER COUNTRIES.....	4.2	2.1	10.3	16.0	10.3	9.8	8.0	6.4	5.9	4.0
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).....	46.4	47.9	33.5	31.3	27.1	36.1	31.4	33.7	39.9	36.2
COMMERCIAL INTERNAL MARKET (2).....	47.6	46.7	55.3	50.8	61.1	51.0	58.5	57.6	48.8	55.3
EXPORTS (3).....	6.0	5.4	11.2	17.9	11.8	12.9	10.1	8.7	11.3	8.5

(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									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	1.2	1.5	1.3	0.9	0.8	1.1	1.0	1.2	1.5	1.5
- R-D CONTRACTS.....	1.1	1.3	1.1	0.7	0.6	1.0	0.6	0.8	0.9	0.9
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
- SALES.....	0.1	0.1	0.2	0.2	0.2	0.1	0.4	0.5	0.6	0.6
AEROSPACE MANUFACTURERS.....	0.9	1.0	1.5	1.0	1.0	0.9	1.1	1.9	1.7	1.5
- NATIONAL.....	0.3	0.4	0.5	0.3	0.4	0.3	0.4	0.5	0.3	0.3
- EEC 10.....	0.6	0.5	1.0	0.7	0.6	0.5	0.6	1.3	1.2	1.0
- NON-MEMBER COUNTRIES.....	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.2	0.2
FINAL USERS.....	0.5	0.6	1.1	0.9	1.1	1.1	1.0	0.6	0.6	1.0
- NATIONAL.....	0.1	0.2	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.3
- EEC 10.....	0.3	0.3	0.6	0.4	0.7	0.7	0.7	0.3	0.3	0.6
- NON-MEMBER COUNTRIES.....	0.1	0.1	0.4	0.4	0.2	0.3	0.2	0.2	0.2	0.2
TOTAL.....	2.7	3.1	3.9	2.8	2.8	3.1	3.1	3.7	3.8	4.0
PUBLIC INTERNAL MARKET (1).....	1.2	1.5	1.3	0.9	0.8	1.1	1.0	1.2	1.5	1.5
COMMERCIAL INTERNAL MARKET (2).....	1.3	1.4	2.1	1.4	1.7	1.6	1.8	2.1	1.8	2.2
EXPORTS (3).....	0.2	0.2	0.4	0.5	0.3	0.4	0.3	0.3	0.4	0.3

(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									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	675.9	691.5	722.2	831.9	862.8	1420.9	1646.7	1834.0	2231.0	2937.4
- R-D CONTRACTS.....	170.9	160.1	192.0	235.7	236.9	442.1	450.2	453.5	543.6	712.1
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	116.7	120.0	135.2	161.5	151.4	206.6	251.2	265.7	278.1	388.8
- SALES.....	388.3	411.3	395.0	434.8	474.5	772.2	945.2	1114.8	1409.4	1836.6
AEROSPACE MANUFACTURERS.....	1063.2	1213.5	1220.6	1398.6	1713.0	2544.1	3407.8	3581.7	3968.6	4120.3
- NATIONAL.....	789.8	898.0	859.2	959.6	1114.0	1520.5	1847.1	2023.8	2332.2	2421.1
- EEC 10.....	173.6	192.4	244.0	315.4	406.9	677.6	1011.4	1078.4	1117.4	1023.2
- NON-MEMBER COUNTRIES.....	99.8	123.1	117.5	123.7	192.0	346.1	549.3	479.5	519.0	676.0
FINAL USERS.....	321.9	368.2	360.6	523.4	533.9	729.5	942.2	922.6	1296.8	1103.0
- NATIONAL.....	84.4	108.4	96.8	148.3	149.9	201.2	219.3	211.3	204.5	290.6
- EEC 10.....	50.3	73.2	78.5	89.5	93.1	130.8	167.1	153.5	145.4	147.4
- NON-MEMBER COUNTRIES.....	187.2	186.7	185.4	285.6	290.9	397.5	555.8	557.9	946.9	665.0
TOTAL.....	2061.0	2273.2	2303.4	2754.0	3109.7	4694.5	5996.6	6338.3	7496.4	8160.8
PUBLIC INTERNAL MARKET (1).....	706.3	737.1	773.2	896.6	904.4	1495.0	1736.1	1948.3	2335.2	3001.1
COMMERCIAL INTERNAL MARKET (2).....	1067.6	1226.3	1227.3	1448.1	1722.4	2455.9	3155.4	3352.6	3695.3	3818.7
EXPORTS (3).....	287.1	309.8	302.9	409.3	482.9	743.6	1105.1	1037.4	1465.9	1341.0

(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

110

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

	EQUIPMENT SECTOR									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	32.8	30.4	31.4	30.2	27.7	30.3	27.5	28.9	29.8	36.0
- R-D CONTRACTS.....	8.3	7.0	8.3	8.6	7.6	9.4	7.5	7.2	7.3	8.7
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	5.7	5.3	5.9	5.9	4.9	4.4	4.2	4.2	3.7	4.8
- SALES.....	18.8	18.1	17.1	15.8	15.3	16.4	15.8	17.6	18.8	22.5
AEROSPACE MANUFACTURERS.....	51.6	53.4	53.0	50.8	55.1	54.2	56.8	56.5	52.9	50.5
- NATIONAL.....	38.3	39.5	37.3	34.8	35.8	32.4	30.8	31.9	31.1	29.7
- EEC 10.....	8.4	8.5	10.6	11.5	13.1	14.4	16.9	17.0	14.9	12.5
- NON-MEMBER COUNTRIES.....	4.8	5.4	5.1	4.5	6.2	7.4	9.2	7.6	6.9	8.3
FINAL USERS.....	15.6	16.2	15.7	19.0	17.2	15.5	15.7	14.6	17.3	13.5
- NATIONAL.....	4.1	4.8	4.2	5.4	4.8	4.3	3.7	3.3	2.7	3.6
- EEC 10.....	2.4	3.2	3.4	3.2	3.0	2.8	2.8	2.4	1.9	1.8
- NON-MEMBER COUNTRIES.....	9.1	8.2	8.0	10.4	9.4	8.5	9.3	8.8	12.6	8.1
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).....	34.3	32.4	33.6	32.6	29.1	31.8	29.0	30.7	31.2	36.8
COMMERCIAL INTERNAL MARKET (2).....	51.8	53.9	53.3	52.6	55.4	52.3	52.6	52.9	49.3	46.8
EXPORTS (3).....	13.9	13.6	13.1	14.9	15.5	15.8	18.4	16.4	19.6	16.4

(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									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	7.2	6.3	6.3	6.5	5.7	7.0	6.5	6.5	7.5	9.1
- R-D CONTRACTS.....	1.8	1.5	1.7	1.9	1.6	2.2	1.8	1.6	1.8	2.2
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	1.2	1.1	1.2	1.3	1.0	1.0	1.0	0.9	0.9	1.2
- SALES.....	4.1	3.7	3.4	3.4	3.1	3.8	3.8	4.0	4.7	5.7
AEROSPACE MANUFACTURERS.....	11.4	11.0	10.6	11.0	11.3	12.6	13.6	12.8	13.3	12.8
- NATIONAL.....	8.4	8.1	7.5	7.5	7.4	7.5	7.3	7.2	7.8	7.5
- EEC 10.....	1.9	1.7	2.1	2.5	2.7	3.4	4.0	3.8	3.7	3.2
- NON-MEMBER COUNTRIES.....	1.1	1.1	1.0	1.0	1.3	1.7	2.2	1.7	1.7	2.1
FINAL USERS.....	3.4	3.3	3.1	4.1	3.5	3.6	3.7	3.3	4.3	3.4
- NATIONAL.....	0.9	1.0	0.8	1.2	1.0	1.0	0.9	0.8	0.7	0.9
- EEC 10.....	0.5	0.7	0.7	0.7	0.6	0.6	0.7	0.5	0.5	0.5
- NON-MEMBER COUNTRIES.....	2.0	1.7	1.6	2.2	1.9	2.0	2.2	2.0	3.2	2.1
TOTAL.....	22.0	20.6	20.0	21.7	20.6	23.2	23.8	22.6	25.1	25.3
PUBLIC INTERNAL MARKET (1).....	7.5	6.7	6.7	7.1	6.0	7.4	6.9	6.9	7.8	9.3
COMMERCIAL INTERNAL MARKET (2).....	11.4	11.1	10.7	11.4	11.4	12.2	12.5	11.9	12.4	11.9
EXPORTS (3).....	3.1	2.8	2.6	3.2	3.2	3.7	4.4	3.7	4.9	4.2

(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)									
		1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....		12040.6	14369.9	14909.3	13995.8	13988.8	17194.6	26306.0	36626.5	46630.0	57944.6
- R-D CONTRACTS.....		3568.7	4401.2	4807.6	4483.9	4260.9	4760.5	7638.8	9978.6	11570.4	15877.9
- MODIFICATIONS, REPAIRS, MAINTENANCE AND SALES.....		8472.0	9968.7	10101.7	9511.8	9727.9	12434.1	18667.1	26647.9	35059.5	42066.8
FINAL USERS.....		7850.6	8899.0	8937.0	10456.8	14070.5	16846.2	22811.7	23318.4	25390.9	26404.7
- NATIONAL.....		1570.8	1884.4	2293.4	2607.3	5499.8	5709.3	7016.3	7392.1	7344.4	7350.5
- EXPORTS.....		6279.8	7014.6	6643.6	7849.5	8570.7	11137.0	15795.4	15926.3	18046.5	19054.2
TOTAL.....		19891.2	23268.9	23846.3	24452.5	28059.2	34040.8	49117.7	59944.9	72020.9	84349.3

		(AS % OF TOTAL)									
		1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....		60.5	61.8	62.5	57.2	49.9	50.5	53.6	61.1	64.7	68.7
- R-D CONTRACTS.....		17.9	18.9	20.2	18.3	15.2	14.0	15.6	16.6	16.1	18.8
- MODIFICATIONS, REPAIRS, MAINTENANCE AND SALES.....		42.6	42.8	42.4	38.9	34.7	36.5	38.0	44.5	48.7	49.9
FINAL USERS.....		39.5	38.2	37.5	42.8	50.1	49.5	46.4	38.9	35.3	31.3
- NATIONAL.....		7.9	8.1	9.6	10.7	19.6	16.8	14.3	12.3	10.2	8.7
- EXPORTS.....		31.6	30.1	27.9	32.1	30.5	32.7	32.2	26.6	25.1	22.6
TOTAL.....		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

BREAKDOWN OF USA OVERALL TURNOVER

CIVIL SECTOR (MIO ECUS)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	2140.7	2583.6	2583.8	2360.3	2159.2	2624.5	3876.8	4610.9	5805.7	6752.0
FINAL USERS.....	5861.5	6961.8	6718.1	7330.7	12629.5	15224.4	18940.3	17199.1	19246.2	19612.8
- NATIONAL.....	1570.8	1884.4	2293.4	2607.3	5499.8	5709.3	7016.3	7392.1	7344.4	7350.5
- EXPORTS.....	4290.8	5077.4	4424.7	4723.3	7129.7	9515.2	11924.0	9807.1	11901.8	12262.3
TOTAL.....	8002.2	9545.4	9301.9	9691.0	14788.7	17848.9	22817.1	21810.1	25051.9	26364.8

CIVIL SECTOR (AS % OF SECTORAL TOTAL)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	26.8	27.1	27.8	24.4	14.6	14.7	17.0	21.1	23.2	25.6
FINAL USERS.....	73.2	72.9	72.2	75.6	85.4	85.3	83.0	78.9	76.8	74.4
- NATIONAL.....	19.6	19.7	24.7	26.9	37.2	32.0	30.8	33.9	29.3	27.9
- EXPORTS.....	53.6	53.2	47.6	48.7	48.2	53.3	52.3	45.0	47.5	46.5
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)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	10.8	11.1	10.8	9.7	7.7	7.7	7.9	7.7	8.1	8.0
FINAL USERS.....	29.5	29.9	28.2	30.0	45.0	44.7	38.6	28.7	26.7	23.3
- NATIONAL.....	7.9	8.1	9.6	10.7	19.6	16.8	14.3	12.3	10.2	8.7
- EXPORTS.....	21.6	21.8	18.6	19.3	25.4	28.0	24.3	16.4	16.5	14.5
TOTAL.....	40.2	41.0	39.0	39.6	52.7	52.4	46.5	36.4	34.8	31.3

BREAKDOWN OF USA OVERALL TURNOVER

		MILITARY SECTOR (MIO ECUS)									
		1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....		9900.0	11786.3	12325.5	11635.4	11829.6	14570.1	22429.2	32015.6	40824.3	51192.7
FINAL USERS.....		1989.0	1937.2	2218.9	3126.1	1441.0	1621.8	3871.4	6119.2	6144.7	6791.9
- NATIONAL.....		-	-	-	-	-	-	-	-	-	-
- EXPORTS.....		1989.0	1937.2	2218.9	3126.1	1441.0	1621.8	3871.4	6119.2	6144.7	6791.9
TOTAL.....		11889.0	13723.5	14544.4	14761.5	13270.5	16191.9	26300.6	38134.8	46969.0	57984.6

		MILITARY SECTOR (AS % OF SECTORAL TOTAL)									
		1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....		83.3	85.9	84.7	78.8	89.1	90.0	85.3	84.0	86.9	88.3
FINAL USERS.....		16.7	14.1	15.3	21.2	10.9	10.0	14.7	16.0	13.1	11.7
- NATIONAL.....		-	-	-	-	-	-	-	-	-	-
- EXPORTS.....		16.7	14.1	15.3	21.2	10.9	10.0	14.7	16.0	13.1	11.7
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)									
		1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....		49.8	50.7	51.7	47.6	42.2	42.8	45.7	53.4	56.7	60.7
FINAL USERS.....		10.0	8.3	9.3	12.8	5.1	4.8	7.9	10.2	8.5	8.1
- NATIONAL.....		-	-	-	-	-	-	-	-	-	-
- EXPORTS.....		10.0	8.3	9.3	12.8	5.1	4.8	7.9	10.2	8.5	8.1
TOTAL.....		59.8	59.0	61.0	60.4	47.3	47.6	53.5	63.6	65.2	68.7

BREAKDOWN OF USA OVERALL TURNOVER

AIRFRAME AND MISSILES SECTOR (MIO ECUS)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	6866.5	8133.4	8356.0	7463.3	6940.8	7154.4	11047.1	15805.9	20160.6	25766.2
FINAL USERS.....	5075.8	5705.2	5352.7	6656.5	9683.4	11937.8	15588.5	13687.9	17255.7	17843.1
- NATIONAL.....	380.4	434.7	468.0	297.5	2150.9	2177.0	1896.3	385.8	2339.9	2612.7
- EXPORTS.....	5456.2	6139.9	5820.7	6953.9	7532.5	9760.8	13692.2	13302.0	14915.7	15230.4
TOTAL.....	11942.3	13838.7	13708.7	14119.8	16624.1	19102.2	26635.6	29493.7	37416.3	43609.2

AIRFRAME AND MISSILES SECTOR (AS % OF SECTORAL TOTAL)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	57.5	58.8	61.0	52.9	41.8	37.5	41.5	53.6	53.9	59.1
FINAL USERS.....	42.5	41.2	39.0	47.1	58.2	62.5	58.5	46.4	46.1	40.9
- NATIONAL.....	3.2	3.1	3.4	2.1	12.9	11.4	7.1	1.3	6.3	6.0
- EXPORTS.....	45.7	44.4	42.5	49.2	45.3	51.1	51.4	45.1	39.9	34.9
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)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	34.5	35.0	35.0	30.5	24.7	21.0	22.5	26.4	28.0	30.5
FINAL USERS.....	25.5	24.5	22.4	27.2	34.5	35.1	31.7	22.8	24.0	21.2
- NATIONAL.....	1.9	1.9	2.0	1.2	7.7	6.4	3.9	0.6	3.2	3.1
- EXPORTS.....	27.4	26.4	24.4	28.4	26.8	28.7	27.9	22.2	20.7	18.1
TOTAL.....	60.0	59.5	57.5	57.7	59.2	56.1	54.2	49.2	52.0	51.7

BREAKDOWN OF USA OVERALL TURNOVER

		ENGINE SECTOR (MIO ECUS)									
		1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....		1798.0	2328.1	2426.6	2068.9	2328.2	2595.0	4500.2	5858.9	6670.4	9339.8
FINAL USERS.....		1449.1	1554.4	1639.6	2146.6	2447.1	3034.5	4192.0	4574.9	4985.4	5047.6
- NATIONAL.....		625.4	679.7	816.8	1251.1	1408.9	1658.4	2088.9	1950.6	1854.6	1223.8
- EXPORTS.....		823.7	874.7	822.9	895.5	1038.2	1376.1	2103.2	2624.3	3130.8	3823.8
TOTAL.....		3247.1	3882.5	4066.3	4215.5	4775.2	5629.5	8692.2	10433.8	11655.8	14387.5

		ENGINE SECTOR (AS % OF SECTORAL TOTAL)									
		1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....		55.4	60.0	59.7	49.1	48.8	46.1	51.8	56.2	57.2	64.9
FINAL USERS.....		44.6	40.0	40.3	50.9	51.2	53.9	48.2	43.8	42.8	35.1
- NATIONAL.....		19.3	17.5	20.1	29.7	29.5	29.5	24.0	18.7	15.9	8.5
- EXPORTS.....		25.4	22.5	20.2	21.2	21.7	24.4	24.2	25.2	26.9	26.6
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)									
		1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....		9.0	10.0	10.2	8.5	8.3	7.6	9.2	9.8	9.3	11.1
FINAL USERS.....		7.3	6.7	6.9	8.8	8.7	8.9	8.5	7.6	6.9	6.0
- NATIONAL.....		3.1	2.9	3.4	5.1	5.0	4.9	4.3	3.3	2.6	1.5
- EXPORTS.....		4.1	3.8	3.5	3.7	3.7	4.0	4.3	4.4	4.3	4.5
TOTAL.....		16.3	16.7	17.1	17.2	17.0	16.5	17.7	17.4	16.2	17.1

BREAKDOWN OF USA OVERALL TURNOVER

SPACE SECTOR (MIO ECUS)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	1707.8	1790.5	1638.8	1824.0	1852.5	2501.6	3454.0	4847.4	5549.3	6672.6
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.....	1707.8	1790.5	1638.8	1824.0	1852.5	2501.6	3454.0	4847.4	5549.3	6672.6

SPACE SECTOR (AS % OF SECTORAL TOTAL)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
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)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	8.6	7.7	6.9	7.5	6.6	7.3	7.0	8.1	7.7	7.9
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.....	8.6	7.7	6.9	7.5	6.6	7.3	7.0	8.1	7.7	7.9

BREAKDOWN OF USA OVERALL TURNOVER

	EQUIPMENT SECTOR (MIO ECUS)									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	1668.3	2117.9	2488.0	2639.5	2867.4	4933.6	7304.7	10114.3	14249.6	16166.1
FINAL USERS.....	1325.8	1639.4	1944.6	1653.7	1940.0	1873.9	3031.2	5055.6	3149.9	3514.0
- NATIONAL.....	1325.8	1639.4	1944.6	1653.7	1940.0	1873.9	3031.2	5055.6	3149.9	3514.0
- EXPORTS.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL.....	2994.0	3757.3	4432.6	4293.2	4807.4	6807.4	10335.9	15169.9	17399.5	19680.1

	EQUIPMENT SECTOR (AS % OF SECTORAL TOTAL)									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	55.7	56.4	56.1	61.5	59.6	72.5	70.7	66.7	81.9	82.1
FINAL USERS.....	44.3	43.6	43.9	38.5	40.4	27.5	29.3	33.3	18.1	17.9
- NATIONAL.....	44.3	43.6	43.9	38.5	40.4	27.5	29.3	33.3	18.1	17.9
- 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

	EQUIPMENT SECTOR (AS % OF TOTAL)									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	8.4	9.1	10.4	10.8	10.2	14.5	14.9	16.9	19.8	19.2
FINAL USERS.....	6.7	7.0	8.2	6.8	6.9	5.5	6.2	8.4	4.4	4.2
- NATIONAL.....	6.7	7.0	8.2	6.8	6.9	5.5	6.2	8.4	4.4	4.2
- EXPORTS.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL.....	15.1	16.1	18.6	17.6	17.1	20.0	21.0	25.3	24.2	23.3

BREAKDOWN OF STATE BACKING FOR THE AVIATION INDUSTRY BY CONTRACT TYPE (EEC AND USA)

(MIO ECU AT CURRENT PRICES)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
EEC 10										
R-D CONTRACTS										
VALUE.....	1547,8	1565,8	1277,8	1418,6	1848,2	2033,6	2056,2	2145,3	2488,6	2845,2
%.....	39,2	38,1	31,2	31,9	33,3	28,6	28,4	27,2	29,1	29,8
CIVIL										
VALUE.....	330,2	258,6	231,8	196,4	187,0	331,7	274,6	340,3	333,2	349,0
%.....	8,4	6,3	5,7	4,4	3,4	4,7	3,8	4,3	3,9	3,6
MILITARY										
VALUE.....	1217,7	1307,3	1046,0	1222,3	1661,2	1701,8	1781,6	1804,9	2155,4	2496,3
%.....	30,8	31,8	25,5	27,5	29,9	23,9	24,6	22,9	25,2	26,1
PURCHASE AND MAINTENANCE CONTRACTS										
VALUE.....	2404,7	2547,2	2816,5	3033,5	3704,3	5081,1	5178,1	5743,6	6068,4	6716,6
%.....	60,8	61,9	68,8	68,1	66,7	71,4	71,6	72,8	70,9	70,2
CIVIL										
VALUE.....	103,3	107,2	180,1	196,2	541,6	240,6	285,3	326,5	479,5	354,9
%.....	2,6	2,6	4,4	4,4	9,8	3,4	3,9	4,1	5,6	3,7
MILITARY										
VALUE.....	2301,5	2440,0	2636,4	2837,3	3162,6	4840,5	4892,9	5417,1	5588,9	6361,7
%.....	58,2	59,3	64,4	63,7	57,0	68,0	67,6	68,7	65,3	66,5
TOTAL.....	3952,6	4113,0	4094,4	4452,2	5552,5	7114,7	7234,3	7888,9	8557,0	9561,9
AS % OF FINAL TURNOVER.....	50,3	44,5	42,0	41,0	43,8	41,7	34,3	33,5	33,9	34,7
USA										
R-D CONTRACTS										
VALUE.....	3568,7	4401,2	4807,6	4483,9	4260,9	4760,5	7638,8	9978,6	11570,4	15877,9
%.....	29,6	30,6	32,2	32,0	30,5	27,7	29,0	27,2	24,8	27,4
CIVIL										
VALUE.....	-	-	-	-	-	-	-	-	-	-
%.....	-	-	-	-	-	-	-	-	-	-
MILITARY										
VALUE.....	-	-	-	-	-	-	-	-	-	-
%.....	-	-	-	-	-	-	-	-	-	-
PURCHASE AND MAINTENANCE CONTRACTS										
VALUE.....	8472,0	9968,7	10101,7	9511,8	9727,9	12434,1	18667,1	26647,9	35059,5	42066,8
%.....	70,4	69,4	67,8	68,0	69,5	72,3	71,0	72,8	75,2	72,6
CIVIL										
VALUE.....	-	-	-	-	-	-	-	-	-	-
%.....	-	-	-	-	-	-	-	-	-	-
MILITARY										
VALUE.....	-	-	-	-	-	-	-	-	-	-
%.....	-	-	-	-	-	-	-	-	-	-
TOTAL.....	12040,6	14369,9	14909,3	13995,8	13988,8	17194,6	26306,0	36626,5	46630,0	57944,6
AS % OF FINAL TURNOVER.....	60,5	61,8	62,5	57,2	49,9	50,5	53,6	61,1	64,7	68,7

BREAKDOWN OF STATE BACKING FOR THE EEC AVIATION INDUSTRY BY CONTRAT AND SUBSECTOR

(MIO ECU AT CURRENT PRICES)

	1976	1977	1978	1979	1980	1981	1982	1983	1984
AIRFRAMES AND MISSILES									
-R-D CONTRACTS									
CIVIL.....	70,2	64,0	68,4	70,1	100,7	102,9	98,0	123,2	46,5
MILITARY.....	891,0	528,3	680,4	1097,5	990,9	1028,3	1034,1	1189,3	1519,8
-MAINTENANCE AND PURCHASE CONTRACTS									
CIVIL.....	38,2	81,3	112,5	454,7	106,2	95,2	125,7	203,3	99,2
MILITARY.....	1128,1	1336,5	1578,2	1890,3	2439,2	2400,5	2481,4	2635,0	2752,4
(1)-MAINTENANCE AND PURCHASE CONTRACTS									
MILITARY.....	96,2	62,9	105,0	157,6	169,1	160,3	205,4	244,8	240,9
TOTAL.....	2334,8	2204,6	2497,8	3573,3	4060,2	3980,9	4247,4	4453,6	4672,2
ENGINES									
-R-D CONTRACTS									
CIVIL.....	52,3	41,4	36,1	29,4	29,5	21,5	31,4	24,1	16,3
MILITARY.....	247,9	322,8	308,0	328,3	260,9	302,6	314,8	350,5	269,9
-MAINTENANCE AND PURCHASE CONTRACTS									
CIVIL.....	30,2	37,9	21,1	28,8	71,6	56,4	44,8	28,3	31,2
MILITARY.....	505,6	519,8	547,6	518,5	845,2	783,6	875,6	838,0	1034,1
(1)-MAINTENANCE AND PURCHASE CONTRACTS									
MILITARY.....	24,0	36,0	17,8	16,1	41,1	34,1	136,4	64,9	56,4
TOTAL.....	879,0	966,9	947,4	960,0	1330,5	1276,2	1342,9	1319,4	1419,1
EQUIPEMENT									
-R-D CONTRACTS									
CIVIL.....	2,1	2,0	5,7	4,9	5,7	6,2	3,9	6,5	12,0
MILITARY.....	158,0	190,0	230,0	232,0	436,3	444,0	449,5	537,1	700,1
-MAINTENANCE AND PURCHASE CONTRACTS									
CIVIL.....	23,3	45,3	44,0	33,4	57,3	48,8	47,7	71,4	41,7
MILITARY.....	508,0	484,9	552,2	592,5	921,5	1147,6	1332,8	1616,1	2183,7
(1)-MAINTENANCE AND PURCHASE CONTRACTS									
MILITARY.....	27,6	27,4	24,8	51,6	56,6	77,7	39,2	41,3	83,8
TOTAL.....	737,1	773,2	896,6	904,4	1495,0	1736,1	1948,3	2335,2	3001,1
SPACE									
-R-D CONTRACTS									
CIVIL.....	134,0	124,3	86,2	82,6	195,8	144,0	207,0	179,5	274,2
MILITARY.....	10,4	4,9	3,9	3,4	13,6	6,7	6,5	78,5	6,5
-MAINTENANCE AND PURCHASE CONTRACTS									
CIVIL.....	15,4	15,6	18,6	24,8	5,5	84,9	108,4	176,5	182,8
MILITARY.....	2,1	4,9	1,6	4,0	13,8	5,5	28,6	14,3	6,1
(1)-MAINTENANCE AND PURCHASE CONTRACTS									
MILITARY.....	36,8	72,3	48,1	112,8	145,0	179,9	81,3	91,1	184,1
TOTAL.....	162,1	149,7	110,4	114,8	228,9	241,1	350,4	448,8	469,6

(1) INTRA-COMMUNITY PURCHASES

BREAKDOWN OF STATE BACKING FOR THE EEC AVIATION INDUSTRY BY CONTRAT AND SUBSECTOR (%)

	1976	1977	1978	1979	1980	1981	1982	1983	1984
AIRFRAMES AND MISSILES									
-R-D CONTRACTS									
CIVIL.....	3,0	2,9	2,7	2,0	2,5	2,6	2,3	2,8	1,0
MILITARY.....	38,2	24,0	27,2	30,7	24,4	25,8	24,3	26,7	32,5
-MAINTENANCE AND PURCHASE CONTRACTS									
CIVIL.....	1,6	3,7	4,5	12,7	2,6	2,4	3,0	4,6	2,1
MILITARY.....	48,3	60,6	63,2	52,9	60,1	60,3	58,4	59,2	58,9
(1)-MAINTENANCE AND PURCHASE CONTRACTS									
MILITARY.....	8,9	8,8	2,3	1,7	10,4	8,9	12,0	6,8	5,4
TOTAL.....	56,8	53,8	56,1	64,4	57,1	55,0	53,8	52,0	48,9
ENGINES									
-R-D CONTRACTS									
CIVIL.....	5,9	4,3	3,8	3,1	2,2	1,7	2,3	1,8	1,2
MILITARY.....	28,2	33,4	32,5	34,2	19,6	23,7	23,4	26,6	19,0
-MAINTENANCE AND PURCHASE CONTRACTS									
CIVIL.....	3,4	3,9	2,2	3,0	5,4	4,4	3,3	2,1	2,2
MILITARY.....	57,5	53,8	57,8	54,0	63,5	61,4	65,2	63,5	72,9
(1)-MAINTENANCE AND PURCHASE CONTRACTS									
MILITARY.....	4,9	4,6	3,7	5,7	9,3	8,8	5,7	5,9	4,8
TOTAL.....	21,4	23,6	21,3	17,3	18,7	17,6	17,0	15,4	14,8
EQUIPMENT									
-R-D CONTRACTS									
CIVIL.....	0,3	0,3	0,6	0,5	0,4	0,4	0,2	0,3	0,4
MILITARY.....	21,4	24,6	25,7	25,7	29,2	25,6	23,1	23,0	23,3
-MAINTENANCE AND PURCHASE CONTRACTS									
CIVIL.....	3,2	5,9	4,9	3,7	3,8	2,8	2,4	3,1	1,4
MILITARY.....	68,9	62,7	61,6	65,5	61,6	66,1	68,4	69,2	72,8
(1)-MAINTENANCE AND PURCHASE CONTRACTS									
MILITARY.....	6,2	6,6	7,2	4,6	5,0	5,1	5,9	4,5	2,1
TOTAL.....	17,9	18,9	20,1	16,3	21,0	24,0	24,7	27,3	31,4
SPACE									
-R-D CONTRACTS									
CIVIL.....	82,7	83,1	78,1	72,0	85,5	59,7	59,1	40,0	58,4
MILITARY.....	6,4	3,3	3,5	2,9	6,0	2,8	1,8	17,5	1,4
-MAINTENANCE AND PURCHASE CONTRACTS									
CIVIL.....	9,5	10,4	16,9	21,6	2,4	35,2	30,9	39,3	38,9
MILITARY.....	1,3	3,2	1,5	3,5	6,0	2,3	8,1	3,2	1,3
(1)-MAINTENANCE AND PURCHASE CONTRACTS									
MILITARY.....	0,1	0,0	0,1	0,0	0,1	0,0	0,0	0,0	0,0
TOTAL.....	3,9	3,7	2,5	2,1	3,2	3,3	4,4	5,2	4,9

(1) INTRA-COMMUNITY PURCHASES

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

AEROSPACE INDUSTRY AND EEC 10 ECONOMY

	VA AT CURRENT PRICES AS % OF			GROWTH RATES AT CONSTANT PRICES	
	GNP	INDUSTRIAL PRODUCTS	VA: AEROSPACE INDUSTRY	GNP	VA: INDUSTRIAL PRODUCTS
1973	-	-	-	-	-
1974	-	-	-	-	-
1975	0.4	1.4	-	-3.1	-7.3
1976	0.4	1.4	-	6.4	12.1
1977	0.4	1.3	-6.3	-2.7	-4.2
1978	0.4	1.4	18.5	1.0	-1.2
1979	0.4	1.4	-8.9	0.3	1.8
1980	0.5	1.7	16.6	-2.4	-3.6
1981	0.5	1.9	-13.8	-1.3	-1.7
1982	0.5	1.9	-2.7	0.7	0.9

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.....	11.2	10.9	5.0	-13.4	8.6	3.3	-5.0	-16.7
1972.....	11.1	4.3	15.5	-1.6	10.0	5.2	5.9	-4.5
1973.....	15.0	5.8	22.3	11.2	11.5	5.8	13.7	7.6
1974.....	13.4	1.7	9.2	8.7	8.1	-0.9	2.7	0.1
1975.....	12.2	-1.1	20.7	8.3	8.3	-0.8	0.7	-3.8
1970-1975 (1)...	12.6	4.2	14.4	2.2	9.3	2.5	3.4	-3.8
1976.....	14.7	5.1	17.7	5.4	10.9	4.7	-0.5	-3.4
1977.....	11.1	2.3	5.4	4.6	11.6	5.4	-5.2	-3.6
1978.....	11.0	3.3	11.2	14.5	12.5	4.7	2.8	3.2
1979.....	12.6	3.4	16.9	23.4	11.3	2.6	9.9	11.0
1980.....	12.7	1.2	34.7	23.2	9.1	-0.5	21.3	9.6
1975-1980 (1)...	12.4	3.1	16.8	13.9	11.1	3.4	5.3	3.2
1981.....	9.7	-0.2	23.7	15.7	12.6	3.4	13.7	3.5
1982.....	9.0	0.5	11.6	7.1	3.8	-2.9	2.8	-2.6
1980-1982 (1)...	9.3	0.2	17.5	11.3	8.1	0.2	8.1	0.4

(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	-	4555	17471	237	477	2633	353	25726
1974	-	6152	24930	222	1175	9452	274	42206
1975	-	6752	32402	363	1944	18554	105	60120
1976	-	10749	34340	578	2366	17591	354	65978
1977	-	11875	38694	455	2612	7952	127	61716
1978	-	15998	29726	232	2688	1044	80	49767
1979	-	12439	38986	243	2134	2568	0	56370
1980	-	12658	38827	426	2383	2133	204	56632
1981	-	11116	62130	65	3771	731	85	77898
1982	-	7473	57224	0	3916	1979	112	70703
1983	-	6562	57588	15	2654	1069	130	68019
1984	-	6267	63218	3704	4263	1352	466	79269

INTRA INDUSTRIAL TRADE - BASE: TURNOVER

DEUTSCHLAND - EXPORTS (1000 ECU)

	B	G	F	I	NL	UK	OTHER COUNTRIES	EEC 10
1973	-	-	-	-	-	-	0	0
1974	416	-	73077	3213	23120	56856	0	156683
1975	736	-	106382	4276	25306	11280	0	147979
1976	1171	-	248719	3144	34272	62524	0	349829
1977	3835	-	312477	5312	31835	58130	0	411589
1978	4324	-	405321	7616	30390	43852	0	491503
1979	5274	-	525999	10287	22889	59229	0	623677
1980	32650	-	746749	26922	32216	157006	0	995542
1981	2434	-	1092271	63473	56163	264615	1795	1480750
1982	6167	-	1528500	87150	70926	258409	3254	1954405
1983	7536	-	1602792	145379	45303	283462	12228	2096698
1984	805085	-	816522	126842	63045	359801	883	2172173

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	27261	94755	-	12734	11092	171649	0	317541
1976	21707	90943	-	10292	22642	152320	0	297904
1977	19265	99179	-	9097	21406	181413	0	330360
1978	20209	152962	-	8014	21951	159059	0	362195
1979	75313	178590	-	37571	11837	160233	0	463544
1980	54524	237349	-	54353	20958	170387	17039	554609
1981	24834	305795	-	66391	17219	256954	34272	705463
1982	23325	287980	-	40274	36542	275385	16327	679832
1983	90238	257273	-	75764	169547	337912	22744	953478
1984	30255	323782	-	96436	128582	277673	28218	884945

INTRA INDUSTRIAL TRADE - BASE: TURNOVER

ITALIA - EXPORTS (1000 ECU)

	B	G	F	I	NL	UK	OTHER COUNTRIES	EEC 10
1973	110	12947	17617	-	70	14717	0	45461
1974	121	7058	17110	-	3	10516	0	34807
1975	415	23149	25078	-	1649	24106	0	74398
1976	520	7852	21307	-	58	15080	0	44818
1977	1001	7968	12972	-	1102	18346	0	41390
1978	1733	57296	14141	-	1573	30492	0	105235
1979	128	35432	16890	-	4072	33126	0	89649
1980	6939	178450	26046	-	3809	52203	0	267448
1981	1277	110572	32899	-	2886	69447	0	217080
1982	2151	109721	38176	-	2609	86108	0	238765
1983	375	341873	49759	-	3043	124508	0	519558
1984	1592	342043	53720	-	8735	180623	521	587234

INTRA INDUSTRIAL TRADE - BASE: TURNOVER

NEDERLAND - EXPORTS (1000 ECU)

	B	G	F	I	NL	UK	OTHER COUNTRIES	EEC 10
1973	127	175	3446	-	-	-	0	3748
1974	-	1123	6858	-	-	-	0	7981
1975	-	3753	8635	-	-	2031	0	14419
1976	-	5060	14217	-	-	1647	0	20924
1977	-	4695	16764	-	-	1750	0	13819
1978	-	2162	28229	-	-	2774	0	33165
1979	-	2111	31465	-	-	3547	0	37123
1980	-	2120	39458	-	-	4412	0	45989
1981	762	2267	52772	-	-	10361	0	66162
1982	2807	2705	66093	-	-	6508	0	78112
1983	-	3369	65677	-	-	7907	0	76952
1984	-	23	41595	-	-	14682	0	56300

INTRA INDUSTRIAL TRADE - BASE: TURNOVER

UNITED KINGDOM - EXPORTS (1000 ECU)

	B	G	F	I	NL	UK	OTHER COUNTRIES	EEC 10
1973	1330	147511	94551	7438	22252	-	0	273082
1974	1097	182978	114576	11544	18690	-	0	328884
1975	1666	229286	165889	11068	39696	-	0	447605
1976	1683	271510	208959	14926	43637	-	0	540715
1977	1672	421988	137220	17075	42584	-	0	620539
1978	1097	527356	101488	19330	41901	-	0	691170
1979	818	653971	126918	22494	37186	-	0	841386
1980	1260	805131	211709	43370	80224	-	0	1141692
1981	2457	1562572	261515	93674	94892	-	0	2015109
1982	844	1693647	353070	93222	273370	-	375	2414527
1983	1349	1715755	437201	70647	253707	-	0	2478659
1984	1056	1836792	453099	76453	188158	-	0	2555559

CHAPTER 7

EMPLOYMENT IN THE AEROSPACE INDUSTRY

1. Figures for employment in the European aerospace industry are taken from the results of the annual survey conducted in conjunction with the national industrial associations.
2. The production items taken into consideration in the various subsectors are the same as those given in the previous chapter on turnover.
3. The tables showing distribution of the workforce by occupational grading should be interpreted with a certain amount of caution, since they are based on definitions lacking of international uniformity.
4. Over the period 1970-1976, employment stayed at the same level in the EEC (+/- 430.000), while employment decreased slightly in the US (+/- 900.000).

During the period 1977-1984, employment increased slightly in the EEC (450.000 in 1984), while employment increased more steadily in the US (1.242.000 in 1984).

WORKFORCE ON 31 DECEMBER BELGIE-BELGIQUE

(BREAKDOWN BY SUBSECTOR : AIRFRAMES)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	143	238	238	236	248	269	264	247	235	247
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	204	384	422	569	645	798	682	531	486	480
-ADMINISTRATIVE.....	-	267	427	419	392	484	448	366	456	419	365
3. SKILLED WORKERS.....	-	1668	2066	1960	1697	1947	2122	1866	1809	1542	1466
4. NON-SKILLED WORKERS.....	-	51	51	49	54	99	118	283	286	237	199
MAIN ACTIVITY											
1. R-D.....	-	27	27	28	28	29	25	54	21	23	27
2. PRODUCTION.....	-	2108	2267	2195	2202	1727	3009	2548	2512	2168	2061
3. MARKETING AND MANAGEMENT.....	-	198	872	865	718	667	651	859	796	728	669
TOTAL.....	-	2333	3166	3088	2948	3423	3755	3461	3329	2919	2757
TOTAL (1).....	2772	2333	3166	3088	2948	3423	3755	3461	3329	2919	2757

WORKFORCE ON 31 DECEMBER BELGIE-BELGIQUE

(BREAKDOWN BY SUBSECTOR : ENGINES)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	76	83	90	111	125	140	187	171	163	178
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	102	111	136	172	183	235	255	256	247	264
-ADMINISTRATIVE.....	-	106	115	134	157	203	222	231	235	231	235
3. SKILLED WORKERS.....	-	432	436	406	638	970	1248	1293	1322	1241	1185
4. NON-SKILLED WORKERS.....	-	226	234	219	274	326	417	432	373	356	245
MAIN ACTIVITY											
1. R-D.....	-	40	41	41	41	42	42	43	37	55	82
2. PRODUCTION.....	-	878	903	908	1253	1701	2147	2278	2205	2073	1914
3. MARKETING AND MANAGEMENT.....	-	24	35	36	58	64	73	77	115	110	111
TOTAL.....	-	942	979	985	1352	1807	2262	2398	2357	2238	2107
TOTAL (1).....	1023	942	979	985	1352	1807	2262	2398	2357	2238	2107

WORKFORCE ON 31 DECEMBER BELGIE-BELGIQUE

(BREAKDOWN BY SUBSECTOR : EQUIPMENT)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	46	45	47	54	76	81	70	76	80	82
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	143	153	153	126	195	169	169	221	176	168
-ADMINISTRATIVE.....	-	98	149	143	37	50	85	69	47	47	52
3. SKILLED WORKERS.....	-	245	211	216	315	405	399	388	296	247	206
4. NON-SKILLED WORKERS.....	-	12	13	11	14	26	36	32	15	10	5
MAIN ACTIVITY											
1. R-D.....	-	18	25	25	16	18	19	14	40	37	27
2. PRODUCTION.....	-	453	473	472	500	692	660	656	557	452	418
3. MARKETING AND MANAGEMENT.....	-	73	73	73	30	42	91	58	58	71	68
TOTAL.....	-	544	571	570	546	752	770	728	655	560	513
TOTAL (1).....	413	544	571	570	546	752	770	728	655	560	513

WORKFORCE ON 31 DECEMBER BELGIE-BELGIQUE

(BREAKDOWN BY SUBSECTOR : SPACE)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	81	101	99	87	116	95	107	116	118	109
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	58	61	60	66	89	67	75	98	102	77
-ADMINISTRATIVE.....	-	61	12	12	12	15	10	15	23	23	23
3. SKILLED WORKERS.....	-		121	78	54	68	73	102	123	160	159
4. NON-SKILLED WORKERS.....	-	6	4	3	3	2			4	7	12
MAIN ACTIVITY											
1. R-D.....	-	78	109	108	104	141	60	68	131	156	150
2. PRODUCTION.....	-	117	169	123	95	123	165	213	218	239	213
3. MARKETING AND MANAGEMENT.....	-	11	21	21	23	26	20	18	15	15	17
TOTAL.....	-	206	299	252	222	290	245	299	364	410	380
TOTAL (1).....	214	206	299	252	222	290	245	299	364	410	380

WORKFORCE ON 31 DECEMBER BELGIE-BELGIQUE

(BREAKDOWN BY SUBSECTOR : AIRFRAMES AND SPACE)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	224	339	337	323	364	364	371	363	353	356
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	262	445	482	635	734	865	757	629	588	557
-ADMINISTRATIVE.....	-	328	439	431	404	499	458	381	479	442	388
3. SKILLED WORKERS.....	-	1668	2187	2038	1751	2015	2195	1968	1932	1702	1625
4. NON-SKILLED WORKERS.....	-	57	55	52	57	101	118	283	290	244	211
MAIN ACTIVITY											
1. R-D.....	-	105	136	136	132	170	95	122	152	179	177
2. PRODUCTION.....	-	2225	2436	2318	2297	2850	3234	2761	2730	2407	2274
3. MARKETING AND MANAGEMENT.....	-	209	893	886	741	693	671	877	811	743	686
TOTAL.....	-	2539	3465	3340	3170	3713	4000	3760	3693	3329	3137
TOTAL (1).....	2986	2539	3465	3340	3170	3713	4000	3760	3693	3329	3137

WORKFORCE ON 31 DECEMBER BELGIE-BELGIQUE

TOTAL

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	346	467	474	488	565	585	628	610	596	616
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	507	709	771	933	1112	1269	1181	1106	1011	989
-ADMINISTRATIVE.....	-	532	703	708	598	752	765	681	761	720	675
3. SKILLED WORKERS.....	-	2345	2834	2660	2704	3390	3842	3649	3550	3190	3016
4. NON-SKILLED WORKERS.....	-	295	302	282	345	453	571	747	678	610	461
MAIN ACTIVITY											
1. R-D.....	-	163	202	202	189	230	156	179	229	271	286
2. PRODUCTION.....	-	3556	3812	3698	4050	5243	6041	5695	5492	4932	4606
3. MARKETING AND MANAGEMENT.....	-	306	1001	995	829	799	835	1012	984	924	865
TOTAL.....	-	4025	5015	4895	5068	6272	7032	6886	6705	6127	5757
TOTAL (1).....	4422	4025	5015	4895	5068	6272	7032	6886	6705	6127	5757

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

(2) AIRFRAMES AND SPACE 1973-1983

WORKFORCE ON 31 DECEMBER DEUTSCHLAND

(BREAKDOWN BY SUBSECTOR : AIRFRAMES)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	344	2678	4317	4829	5225	6511	7254	6927	6540	7182
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	8637	10192	8385	8662	9188	10334	10967	10539	10589	10690
-ADMINISTRATIVE.....	-	5067	5606	6786	7403	7615	7234	7333	6821	5657	6279
3. SKILLED WORKERS.....	-	7076	10409	9683	10426	12506	12581	12859	12388	13727	13052
4. NON-SKILLED WORKERS.....	-	1899	2594	2712	3066	3401	4241	4059	3826	2209	2208
MAIN ACTIVITY											
1. R-D.....	-	5830	6919	6871	6923	8181	8960	9008	8359	7407	9408
2. PRODUCTION.....	-	13350	19147	19429	21767	24157	25863	27105	26115	25380	23489
3. MARKETING AND MANAGEMENT.....	-	3843	5413	5583	5696	5597	6078	6359	6027	5935	6514
TOTAL.....	-	23023	31479	31883	34386	37935	40901	42472	40501	38722	39411
TOTAL (1).....	34977	31529	31479	31883	34386	37935	40901	42472	40501	38722	39411

WORKFORCE ON 31 DECEMBER DEUTSCHLAND

(BREAKDOWN BY SUBSECTOR : ENGINES)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	914	751	810	1082	1100	1155	984	1021	895	996
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	1163	1175	1191	1181	1288	1351	1369	1308	1263	1385
-ADMINISTRATIVE.....	-	920	1073	1133	1347	1212	1226	1520	1269	1169	1262
3. SKILLED WORKERS.....	-	2470	3416	3882	3890	4563	4770	4879	5059	4311	4727
4. NON-SKILLED WORKERS.....	-	1283	288	325	294	268	199	203	40	79	64
MAIN ACTIVITY											
1. R-D.....	-	925	902	936	1006	991	1001	936	959	843	874
2. PRODUCTION.....	-	4521	4369	5181	5033	5589	5644	5799	5485	4972	5580
3. MARKETING AND MANAGEMENT.....	-	1304	1432	1224	1755	1851	2056	2220	2253	1902	1980
TOTAL.....	-	6750	6703	7341	7794	8431	8701	8955	8697	7717	8434
TOTAL (1).....	6902	6783	6703	7341	7794	8431	8701	8955	8697	7717	8434

WORKFORCE ON 31 DECEMBER DEUTSCHLAND

(BREAKDOWN BY SUBSECTOR : EQUIPMENT)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	997	1521	1746	1890	2228	2515	2464	2486	2747	2464
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	1823	2765	2684	2749	3047	3620	4192	3877	4516	3708
-ADMINISTRATIVE.....	-	1139	1396	1419	1682	1588	1792	1578	1824	1956	1768
3. SKILLED WORKERS.....	-	2809	3760	3473	3918	3847	4687	4832	4703	4591	3647
4. NON-SKILLED WORKERS.....	-	773	1206	899	996	949	1104	1476	1068	996	867
MAIN ACTIVITY											
1. R-D.....	-	1750	2435	2296	2476	2697	3153	3016	2473	2927	2940
2. PRODUCTION.....	-	4726	6763	6352	6819	7136	8548	9547	9403	9538	7328
3. MARKETING AND MANAGEMENT.....	-	1065	1450	1573	1940	1826	2017	1979	2082	2341	2186
TOTAL.....	-	7541	10648	10221	11235	11659	13718	14542	13958	14806	12454
TOTAL (1).....	9676	11038	10648	10221	11235	11659	13718	14542	13958	14806	12454

WORKFORCE ON 31 DECEMBER DEUTSCHLAND

(BREAKDOWN BY SUBSECTOR : SPACE)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	156	356	623	763	744	82	996	1707	1656	1643
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	1557	1433	1366	1230	1181	991	877	847	1664	1433
-ADMINISTRATIVE.....	-	549	494	567	500	489	630	516	628	634	764
3. SKILLED WORKERS.....	-	199	195	307	333	327	202	213	449	386	1041
4. NON-SKILLED WORKERS.....	-	63	59	108	107	100	91	79	96	92	186
MAIN ACTIVITY											
1. R-D.....	-	2205	2199	2369	2355	2331	2406	2380	2825	3385	2545
2. PRODUCTION.....	-		38	258	284	225		12	365	375	1714
3. MARKETING AND MANAGEMENT.....	-	319	300	344	294	285	360	289	537	672	808
TOTAL.....	-	2524	2537	2971	2933	2841	2766	2681	3727	4432	5067
TOTAL (1).....	-	2564	2537	2971	2933	2841	2766	2681	3727	4432	5067

WORKFORCE ON 31 DECEMBER DEUTSCHLAND

(BREAKDOWN BY SUBSECTOR : AIRFRAMES AND SPACE)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	500	3034	4940	5592	5969	7363	8250	8634	8196	8825
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	10194	11625	9751	9892	10369	11325	11844	11386	12253	12123
-ADMINISTRATIVE.....	-	5616	6100	7353	7903	8104	7864	7849	7449	6291	7043
3. SKILLED WORKERS.....	-	7275	10604	9990	10759	12833	12783	13072	12837	14113	14093
4. NON-SKILLED WORKERS.....	-	1962	2653	2820	3173	3501	4332	4138	3922	2301	2394
MAIN ACTIVITY											
1. R-D.....	-	8035	9118	9240	9278	10512	11366	11388	11184	10792	11953
2. PRODUCTION.....	-	13350	19185	19687	22051	24382	25863	27117	26480	25755	25203
3. MARKETING AND MANAGEMENT.....	-	4162	5713	5927	5990	5882	6438	6648	6564	6607	7322
TOTAL.....	-	25547	34016	34854	37319	40776	43667	45153	44228	43154	44478
TOTAL (1).....	-	34093	34016	34854	37319	40776	43667	45153	44228	43154	44478

WORKFORCE ON 31 DECEMBER DEUTSCHLAND

TOTAL

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	2411	5306	7496	8564	9297	11033	11698	12141	11838	12285
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	13180	15565	13626	13822	14704	16296	17405	16571	18032	17216
-ADMINISTRATIVE.....	-	7675	8569	9905	10932	10904	10882	10947	10542	9416	10073
3. SKILLED WORKERS.....	-	12554	17780	17345	18567	21243	22240	22783	22599	23015	22467
4. NON-SKILLED WORKERS.....	-	4018	4147	4044	4463	4718	5635	5817	5030	3376	3325
MAIN ACTIVITY											
1. R-D.....	-	10710	12455	12472	12760	14200	15520	15340	14616	14562	15767
2. PRODUCTION.....	-	22597	30317	31220	33903	37107	40055	42463	41368	40265	38111
3. MARKETING AND MANAGEMENT.....	-	6531	8595	8724	9685	9559	10511	10847	10899	10850	11488
TOTAL.....	-	39838	51367	52416	56348	60866	66086	68650	66883	65677	65366
TOTAL (1).....	52982	51914	51367	52416	56348	60866	66086	68650	66883	65677	65366

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN
 (2) AIRFRAMES AND SPACE 1973-1983

WORKFORCE ON 31 DECEMBER FRANCE (2)

(BREAKDOWN BY SUBSECTOR : AIRFRAMES)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	8792	10075	9577	9433	9958	10880	11583	12616	13068	12681
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	20314	20150	20712	22011	22263	22973	23370	24059	24101	22605
-ADMINISTRATIVE.....	-	8914	8298	7962	7852	8210	9076	9998	9493	9501	9713
3. SKILLED WORKERS.....	-	21224	19913	18664	17984	18464	17851	17198	17097	15427	15034
4. NON-SKILLED WORKERS.....	-	1396	830	778	749	822	810	714	639	576	492
MAIN ACTIVITY											
1. R-D.....	-	16616	15646	15231	10135	11828	17614	14308	15076	18363	16129
2. PRODUCTION.....	-	32139	31885	31038	37257	36139	33567	35442	35869	30585	30723
3. MARKETING AND MANAGEMENT.....	-	11885	11735	11424	10637	11750	10409	13113	12959	13725	13672
TOTAL.....	-	60640	59266	57693	58029	59717	61590	62863	63904	62673	60525
TOTAL (1).....	59993	60640	59266	57693	58029	59717	61590	62863	63904	62673	60525

WORKFORCE ON 31 DECEMBER FRANCE (2)

(BREAKDOWN BY SUBSECTOR : ENGINES)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	2822	2990	2952	2692	2792	3170	3244	3656	3886	3994
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	6343	7361	7205	7717	7901	8309	8839	10016	10296	9977
-ADMINISTRATIVE.....	-	3544	2760	2710	2506	2587	3195	3707	3254	3277	3191
3. SKILLED WORKERS.....	-	8646	9486	8790	8349	8223	8112	7937	7761	7619	7536
4. NON-SKILLED WORKERS.....	-	1219	406	376	357	358	330	334	351	289	229
MAIN ACTIVITY											
1. R-D.....	-	6184	5981	7013	4347	4686	5548	5662	6116	7052	5915
2. PRODUCTION.....	-	11715	12192	10261	12254	11962	12089	12714	13098	12734	13458
3. MARKETING AND MANAGEMENT.....	-	4675	4830	4759	5024	5223	5479	5685	5824	5581	5554
TOTAL.....	-	22574	23003	22033	21621	21861	23116	24061	25038	25367	24927
TOTAL (1).....	22352	22574	23003	22033	21621	21861	23116	24061	25038	25367	24927

WORKFORCE ON 31 DECEMBER FRANCE (2)

(BREAKDOWN BY SUBSECTOR : EQUIPMENT)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	3071	1523	2011	2275	2403	2767	3227	3936	6596	6228
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	8576	7489	8913	6896	7128	7558	7640	8894	13965	12487
-ADMINISTRATIVE.....	-	2511	2857	1882	3042	3157	3516	4043	4056	6793	6462
3. SKILLED WORKERS.....	-	8923	12051	9741	10463	11057	11258	10766	9074	10728	10188
4. NON-SKILLED WORKERS.....	-	2620	1265	1022	1098	964	978	1090	1080	1147	992
MAIN ACTIVITY											
1. R-D.....	-	7760	5038	6575	5389	5559	5919	4319	4319	9202	9313
2. PRODUCTION.....	-	13022	16118	12208	12468	13046	14134	17903	17551	21588	18489
3. MARKETING AND MANAGEMENT.....	-	4919	4029	4786	5917	6104	6024	4544	5170	8439	8556
TOTAL.....	-	25701	25185	23569	23774	24709	26077	26766	27040	39229	36357
TOTAL (1).....	24424	25701	25185	23569	23774	24709	26077	26766	27040	39229	36357

WORKFORCE ON 31 DECEMBER FRANCE (2)

(BREAKDOWN BY SUBSECTOR : SPACE)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-										1129
2. EXECUTIVE STAFF											
-TECHNICAL.....	-										2223
-ADMINISTRATIVE.....	-										955
3. SKILLED WORKERS.....	-										1615
4. NON-SKILLED WORKERS.....	-										84
MAIN ACTIVITY											
1. R-D.....	-										3025
2. PRODUCTION.....	-										2005
3. MARKETING AND MANAGEMENT.....	-										976
TOTAL.....	-										6006
TOTAL (1).....	-										6006

WORKFORCE ON 31 DECEMBER FRANCE (2)

(BREAKDOWN BY SUBSECTOR : AIRFRAMES AND SPACE)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	8792	10075	9577	9433	9958	10880	11583	12616	13068	13810
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	20314	20150	20712	22011	22263	22973	23370	24059	24101	24828
-ADMINISTRATIVE.....	-	8914	8298	7962	7852	8210	9076	9998	9493	9501	10668
3. SKILLED WORKERS.....	-	21224	19913	18664	17984	18464	17851	17198	17097	15427	16649
4. NON-SKILLED WORKERS.....	-	1396	830	778	749	822	810	714	639	576	576
MAIN ACTIVITY											
1. R-D.....	-	16616	15646	15231	10135	11828	17614	14308	15076	18363	19154
2. PRODUCTION.....	-	32139	31885	31038	37257	36139	33567	35442	35869	30585	32728
3. MARKETING AND MANAGEMENT.....	-	11885	11735	11424	10637	11750	10409	13113	12959	13725	14648
TOTAL.....	-	60640	59266	57693	58029	59717	61590	62863	63904	62673	66531
TOTAL (1).....	-	60640	59266	57693	58029	59717	61590	62863	63904	62673	66531

WORKFORCE ON 31 DECEMBER FRANCE (2)

TOTAL

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	14685	14588	14540	14400	15153	16817	18054	20208	23550	24032
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	35233	35000	36830	36624	37292	38840	39849	42969	48362	47292
-ADMINISTRATIVE.....	-	14969	13915	12554	13400	13954	15787	17748	16803	19571	20321
3. SKILLED WORKERS.....	-	38793	41450	37195	36796	37744	37221	35901	33932	33774	34373
4. NON-SKILLED WORKERS.....	-	5235	2501	2176	2204	2144	2118	2138	2070	2012	1797
MAIN ACTIVITY											
1. R-D.....	-	30560	26665	28819	19871	22073	29081	24289	25511	34617	34382
2. PRODUCTION.....	-	56876	60195	53507	61979	61147	59790	66059	66518	64907	64675
3. MARKETING AND MANAGEMENT.....	-	21479	20594	20969	21574	23077	21912	23342	23953	27745	28758
TOTAL.....	-	108915	107454	103295	103424	106287	110783	113690	115982	127269	127815
TOTAL (1).....	106769	108915	107454	103295	103424	106287	110783	113690	115982	127269	127815

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN
 (2) AIRFRAMES AND SPACE 1973-1983

WORKFORCE ON 31 DECEMBER ITALIA

(BREAKDOWN BY SUBSECTOR : AIRFRAMES)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	211	300	550	556	526	709	712	817	874	760
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	4687	5293	5005	5357	5664	4826	5192	8221	8119	9695
-ADMINISTRATIVE.....	-	1771	1783	3070	3391	3822	5603	5468	3306	3614	2180
3. SKILLED WORKERS.....	-	9635	9179	8950	9636	10072	10607	10828	10993	11322	10365
4. NON-SKILLED WORKERS.....	-	2634	2836	3755	3874	4704	4779	4730	4846	4326	4610
MAIN ACTIVITY											
1. R-D.....	-	721	1272	2520	2604	3324	3718	3852	4318	4999	4810
2. PRODUCTION.....	-	16041	15861	15960	16955	17180	18670	18833	19259	17950	17690
3. MARKETING AND MANAGEMENT.....	-	2176	2258	2850	3255	4284	4136	4245	4606	5306	5110
TOTAL.....	-	18938	19391	21330	22814	24788	26524	26930	28183	28255	27610
TOTAL (1).....	19215	18938	19391	21330	22814	24788	26524	26930	28183	28255	27850

WORKFORCE ON 31 DECEMBER ITALIA

(BREAKDOWN BY SUBSECTOR : ENGINES)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	69	65	150	168	185	290	455	482	579	600
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	811	970	995	1081	1220	1199	863	866	908	855
-ADMINISTRATIVE.....	-	615	551	580	411	454	570	610	644	432	450
3. SKILLED WORKERS.....	-	2301	2981	2675	2403	2672	2781	2291	2307	2228	2130
4. NON-SKILLED WORKERS.....	-	1441	733	1030	1038	1252	1197	1673	1685	1656	1610
MAIN ACTIVITY											
1. R-D.....	-	546	275	300	437	284	381	309	329	302	300
2. PRODUCTION.....	-	3984	4091	3810	3554	4538	4557	4480	4509	4505	4320
3. MARKETING AND MANAGEMENT.....	-	707	934	1320	1110	961	1099	1103	1146	996	1025
TOTAL.....	-	5237	5300	5430	5101	5783	6037	5892	5984	5803	5645
TOTAL (1).....	5040	5237	5300	5430	5601	5783	6037	6292	5984	5803	5645

WORKFORCE ON 31 DECEMBER ITALIA

(BREAKDOWN BY SUBSECTOR : EQUIPMENT)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	109	205	120	159	216	237	315	340	366	360
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	1441	1597	1505	1554	1553	1652	2043	2269	2077	2315
-ADMINISTRATIVE.....	-	770	610	570	702	634	640	916	639	560	720
3. SKILLED WORKERS.....	-	3114	2941	2110	2477	2300	2260	2996	2850	2693	2855
4. NON-SKILLED WORKERS.....	-	568	597	565	702	814	904	1017	878	859	820
MAIN ACTIVITY											
1. R-D.....	-	606	463	735	841	848	894	1039	1076	1318	1145
2. PRODUCTION.....	-	4619	4685	3505	3958	3949	4010	4891	4931	4341	4835
3. MARKETING AND MANAGEMENT.....	-	777	802	630	795	720	789	1357	969	896	1090
TOTAL.....	-	6002	5950	4870	5594	5517	5693	7287	6976	6555	7070
TOTAL (1).....	5985	6002	5950	7050	7194	7317	7493	7887	7826	7205	7970

WORKFORCE ON 31 DECEMBER ITALIA

(BREAKDOWN BY SUBSECTOR : SPACE)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	22	34	25	37	48	105	107	111	183	230
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	244	756	245	286	296	443	462	595	801	805
-ADMINISTRATIVE.....	-	153	118	85	83	57	82	87	70	103	135
3. SKILLED WORKERS.....	-	167	384	70	102	29	177	82	71	166	205
4. NON-SKILLED WORKERS.....	-	5	58	25	19	52	63	73	67	30	45
MAIN ACTIVITY											
1. R-D.....	-	198	497	280	261	286	380	420	508	811	470
2. PRODUCTION.....	-	353	673	55	115	77	332	236	229	260	720
3. MARKETING AND MANAGEMENT.....	-	40	180	115	151	119	158	155	177	212	230
TOTAL.....	-	591	1350	450	527	482	870	811	914	1283	1420
TOTAL (1).....	-	591	1350	450	527	482	870	811	914	1283	1420

WORKFORCE ON 31 DECEMBER ITALIA

(BREAKDOWN BY SUBSECTOR : AIRFRAMES AND SPACE)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	233	334	575	593	574	814	819	928	1057	990
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	4931	6049	5250	5643	5960	5269	5654	8816	8920	10500
-ADMINISTRATIVE.....	-	1924	1901	3155	3474	3879	5685	5555	3376	3717	2315
3. SKILLED WORKERS.....	-	9802	9563	9020	9738	10101	10784	10910	11064	11488	10570
4. NON-SKILLED WORKERS.....	-	2639	2894	3780	3893	4756	4842	4803	4913	4356	4655
MAIN ACTIVITY											
1. R-D.....	-	919	1769	2800	2865	3610	4098	4272	4826	5810	5280
2. PRODUCTION.....	-	16394	16534	16015	17070	17257	19002	19069	19488	18210	18410
3. MARKETING AND MANAGEMENT.....	-	2216	2438	2965	3406	4403	4294	4400	4783	5518	5340
TOTAL.....	-	19529	20741	21780	23341	25270	27394	27741	29097	29538	29030
TOTAL (1).....	-	19529	20741	21780	23341	25270	27394	27741	29097	29538	29270

WORKFORCE ON 31 DECEMBER ITALIA

TOTAL

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	411	604	845	920	975	1341	1589	1750	2002	1950
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	7183	8616	7750	8278	8733	8120	8560	11951	11905	13670
-ADMINISTRATIVE.....	-	3309	3062	4305	4587	4967	6895	7081	4659	4709	3485
3. SKILLED WORKERS.....	-	15217	15485	13805	14618	15073	15825	16197	16221	16409	15555
4. NON-SKILLED WORKERS.....	-	4648	4224	5375	5633	6822	6943	7493	7476	6871	7085
MAIN ACTIVITY											
1. R-D.....	-	2071	2507	3835	4143	4742	5373	5620	6231	7430	6725
2. PRODUCTION.....	-	24997	25310	23330	24582	25744	27569	28440	28928	27056	27565
3. MARKETING AND MANAGEMENT.....	-	3700	4174	4915	5311	6084	6182	6860	6898	7410	7455
TOTAL.....	-	30768	31991	32080	34036	36570	39124	40920	42057	41896	41745
TOTAL (1).....	30240	30768	31991	34260	36136	38370	40924	41920	42907	42546	42885

(1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN
 (2) AIRFRAMES AND SPACE 1973-1983

WORKFORCE ON 31 DECEMBER NEDERLAND

(BREAKDOWN BY SUBSECTOR : AIRFRAMES)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	414	423	394	402	432	489	535	525	463	499
2. EXECUTIVE STAFF											
- TECHNICAL.....	-	734	751	699	712	764	853	935	917	808	871
- ADMINISTRATIVE.....	-	1107	1134	1054	1076	1156	1290	1412	1386	1221	1316
3. SKILLED WORKERS.....	-	2809	2876	2676	2726	2930	3271	3582	3516	3099	3342
4. NON-SKILLED WORKERS.....	-	401	411	387	394	423	472	518	508	448	483
MAIN ACTIVITY											
1. R-D.....	-	978	1001	931	949	1020	1145	1254	1230	1084	1169
2. PRODUCTION.....	-	4202	4303	4007	4084	4389	4901	5367	5268	4643	5006
3. MARKETING AND MANAGEMENT.....	-	285	291	272	277	296	329	361	354	312	336
TOTAL.....	-	5465	5595	5210	5310	5705	6375	6982	6852	6039	6511
TOTAL (1).....	6000	5465	5595	5210	5310	5705	6375	6982	6852	6039	6511

WORKFORCE ON 31 DECEMBER NEDERLAND

(BREAKDOWN BY SUBSECTOR : ENGINES)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-										
2. EXECUTIVE STAFF											
- TECHNICAL.....	-										
- ADMINISTRATIVE.....	-										
3. SKILLED WORKERS.....	-										
4. NON-SKILLED WORKERS.....	-										
MAIN ACTIVITY											
1. R-D.....	-										
2. PRODUCTION.....	-										
3. MARKETING AND MANAGEMENT.....	-										
TOTAL.....	-										
TOTAL (1).....	-										

WORKFORCE ON 31 DECEMBER NEDERLAND

(BREAKDOWN BY SUBSECTOR : EQUIPMENT)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	214	218	202	193	207	232	254	250	221	238
2. EXECUTIVE STAFF	-	432	442	411	395	424	473	518	509	448	483
-TECHNICAL.....	-	505	517	481	461	495	553	605	593	523	564
-ADMINISTRATIVE.....	-	586	604	562	568	610	620	744	729	642	693
3. SKILLED WORKERS.....	-	292	299	278	284	305	340	374	368	324	349
4. NON-SKILLED WORKERS.....	-										
MAIN ACTIVITY											
1. R-D.....	-	82	83	78	75	80	89	96	95	83	89
2. PRODUCTION.....	-	1028	1053	978	971	1043	1164	1276	1252	1103	1189
3. MARKETING AND MANAGEMENT.....	-	919	944	878	855	918	1025	1123	1102	972	1049
TOTAL.....	-	2029	2080	1934	1901	2041	2278	2495	2449	2158	2327
TOTAL (1).....	-	2029	2080	1934	1901	2041	2278	2495	2449	2158	2327

WORKFORCE ON 31 DECEMBER NEDERLAND

(BREAKDOWN BY SUBSECTOR : SPACE)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	62	63	59	57	61	67	73	72	65	70
2. EXECUTIVE STAFF	-	59	59	54	53	56	62	68	67	59	64
-TECHNICAL.....	-	49	50	46	45	47	52	57	56	50	54
-ADMINISTRATIVE.....	-	18	18	17	16	25	28	31	31	27	29
3. SKILLED WORKERS.....	-										
4. NON-SKILLED WORKERS.....	-										
MAIN ACTIVITY											
1. R-D.....	-	95	96	89	86	91	101	111	109	96	104
2. PRODUCTION.....	-	48	49	45	44	47	52	57	56	49	53
3. MARKETING AND MANAGEMENT.....	-	45	45	42	41	51	56	61	61	56	60
TOTAL.....	-	188	190	176	171	189	209	229	226	201	217
TOTAL (1).....	155	188	190	176	171	189	209	229	226	201	217

WORKFORCE ON 31 DECEMBER NEDERLAND

(BREAKDOWN BY SUBSECTOR : AIRFRAMES AND SPACE)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	476	486	453	459	493	556	608	597	528	569
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	793	810	753	765	820	915	1003	984	867	935
-ADMINISTRATIVE.....	-	1107	1134	1054	1076	1156	1290	1412	1386	1221	1316
3. SKILLED WORKERS.....	-	2858	2926	2722	2771	2977	3323	3639	3572	3149	3396
4. NON-SKILLED WORKERS.....	-	419	429	404	410	448	500	549	539	475	512
MAIN ACTIVITY											
1. R-D.....	-	1073	1097	1020	1035	1111	1246	1365	1339	1180	1273
2. PRODUCTION.....	-	4250	4352	4052	4128	4436	4953	5424	5324	4692	5059
3. MARKETING AND MANAGEMENT.....	-	330	336	314	318	347	385	422	415	368	396
TOTAL.....	-	5653	5785	5386	5481	5894	6584	7211	7078	6240	6728
TOTAL (1).....	-	5653	5785	5386	5481	5894	6584	7211	7078	6240	6728

WORKFORCE ON 31 DECEMBER NEDERLAND

TOTAL

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	690	704	655	652	700	788	862	847	749	807
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	1225	1252	1164	1160	1244	1388	1521	1493	1315	1418
-ADMINISTRATIVE.....	-	1612	1651	1535	1537	1651	1843	2017	1979	1744	1880
3. SKILLED WORKERS.....	-	3444	3530	3284	3339	3587	4003	4383	4301	3791	4089
4. NON-SKILLED WORKERS.....	-	711	728	682	694	753	840	923	907	799	861
MAIN ACTIVITY											
1. R-D.....	-	1155	1180	1098	1110	1191	1335	1461	1434	1263	1362
2. PRODUCTION.....	-	5278	5405	5030	5099	5479	6117	6700	6576	5795	6248
3. MARKETING AND MANAGEMENT.....	-	1249	1280	1192	1173	1265	1410	1545	1517	1340	1445
TOTAL.....	-	7682	7865	7320	7382	7935	8862	9706	9527	8398	9055
TOTAL (1).....	6555	7682	7865	7320	7382	7935	8862	9706	9527	8398	9055

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

(2) AIRFRAMES AND SPACE 1973-1983

WORKFORCE ON 31 DECEMBER UNITED KINGDOM

(BREAKDOWN BY SUBSECTOR : AIRFRAMES)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	16395	16565	16316	15810	12454	14656	14493	15287	17331	16893
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	10630	14044	12231	11906	10193	13992	15139	16617	15997	13578
-ADMINISTRATIVE.....	-	14929	15483	14014	14194	12901	14836	14954	14813	13718	13406
3. SKILLED WORKERS.....	-	34039	31807	31259	32379	32280	34306	41170	42444	37924	33687
4. NON-SKILLED WORKERS.....	-	8795	8058	6806	6831	6047	6117	6554	5792	5045	4280
MAIN ACTIVITY											
1. R-D.....	-	-	14189	14275	13066	10473	13906	18277	19275	20137	19675
2. PRODUCTION.....	-	-	51393	47642	47983	43478	48696	52155	52889	49229	42518
3. MARKETING AND MANAGEMENT.....	-	-	20375	18709	20071	19924	21305	21878	22789	20649	19651
TOTAL.....	-	84788	85957	80626	81120	73875	83907	92310	94953	90015	81844
TOTAL (1).....	93992	84788	85957	80626	81120	73875	83907	92310	94953	90015	81844

WORKFORCE ON 31 DECEMBER UNITED KINGDOM

(BREAKDOWN BY SUBSECTOR : ENGINES)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	11980	8535	11967	9088	9198	9412	9364	10251	9799	8098
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	6377	9870	6598	9155	9451	8242	11706	7031	8935	6720
-ADMINISTRATIVE.....	-	9516	8967	8284	7341	7917	8618	9790	6011	5948	4542
3. SKILLED WORKERS.....	-	34153	32526	30869	30879	29396	33037	34974	25440	22423	17707
4. NON-SKILLED WORKERS.....	-	6663	5493	5554	3354	2562	3677	5108	4938	4159	3563
MAIN ACTIVITY											
1. R-D.....	-	-	17376	15640	12305	12821	9070	10996	9070	9328	8589
2. PRODUCTION.....	-	-	38003	37498	34938	32394	42767	47815	33115	30280	23273
3. MARKETING AND MANAGEMENT.....	-	-	10012	10134	12574	13309	11149	12131	11486	11656	8768
TOTAL.....	-	68689	65391	63272	59817	58524	62986	70942	53671	51264	40630
TOTAL (1).....	-	68689	65391	63272	59817	58524	62986	70942	53671	51264	40630

WORKFORCE ON 31 DECEMBER UNITED KINGDOM

(BREAKDOWN BY SUBSECTOR : EQUIPMENT)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	13675	14775	15308	15879	12600	18736	18511	16436	16931	18390
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	11268	10276	10903	11404	9809	13423	14260	12526	12731	13173
-ADMINISTRATIVE.....	-	15058	12714	12263	12203	10302	13694	13925	13443	12613	13616
3. SKILLED WORKERS.....	-	27575	28405	26464	26526	20597	26114	30243	29423	27940	26890
4. NON-SKILLED WORKERS.....	-	10748	8127	7396	6529	6320	6544	6504	7072	6397	5692
MAIN ACTIVITY											
1. R-D.....	-	-	13522	14614	15445	16181	22651	25766	20803	21513	22986
2. PRODUCTION.....	-	-	48608	45693	44988	32320	39325	41858	42744	42190	40910
3. MARKETING AND MANAGEMENT.....	-	-	12167	12037	12108	11127	16535	15819	15353	12909	13865
TOTAL.....	-	78324	74297	72334	72541	59628	78511	83443	78900	76612	77761
TOTAL (1).....	-	78324	74297	72334	72541	59628	78511	83443	78900	76612	77761

WORKFORCE ON 31 DECEMBER UNITED KINGDOM

(BREAKDOWN BY SUBSECTOR : SPACE)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	459	568	820	476	1328	1826	800	936		
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	284	297	917	209	1001	682	476	587		
-ADMINISTRATIVE.....	-	370	303	422	237	696	735	576	707		
3. SKILLED WORKERS.....	-	734	487	701	448	1232	1023	1091	999		
4. NON-SKILLED WORKERS.....	-	144	102	159	70	282	151	225	208		
MAIN ACTIVITY											
1. R-D.....	-	-	498	707	482	1598	2075	1355	1655		
2. PRODUCTION.....	-	-	825	1815	708	2163	1573	1357	1286		
3. MARKETING AND MANAGEMENT.....	-	-	434	497	250	778	769	456	496		
TOTAL.....	-	1991	1757	3019	1440	4539	4417	3168	3437		
TOTAL (1).....	-	1991	1757	3019	1440	4539	4417	3168	3437		

WORKFORCE ON 31 DECEMBER UNITED KINGDOM

(BREAKDOWN BY SUBSECTOR : AIRFRAMES AND SPACE)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	16854	17133	17136	16286	13782	16482	15293	16223	17331	16893
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	10914	14341	13148	12115	11194	14674	15615	17204	15997	13578
-ADMINISTRATIVE.....	-	15299	15786	14436	14431	13597	15571	15530	15520	13718	13406
3. SKILLED WORKERS.....	-	34773	32294	31960	32827	33512	35329	42261	43443	37924	33687
4. NON-SKILLED WORKERS.....	-	8939	8160	6965	6901	6329	6268	6779	6000	5045	4280
MAIN ACTIVITY											
1. R-D.....	-	-	14687	14982	13548	12071	15981	19632	20930	20137	19675
2. PRODUCTION.....	-	-	52218	49457	48691	45641	50269	53512	54175	49229	42518
3. MARKETING AND MANAGEMENT.....	-	-	20809	19206	20321	20702	22074	22334	23285	20649	19651
TOTAL.....	-	86779	87714	83645	82560	78414	88324	95478	98390	90015	81844
TOTAL (1).....	-	86779	87714	83645	82560	78414	88324	95478	98390	90015	81844

WORKFORCE ON 31 DECEMBER UNITED KINGDOM

TOTAL

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	42509	40443	44411	41253	35580	44630	43168	42910	44061	43381
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	28559	34487	30649	32674	30454	36339	41581	36761	37663	33471
-ADMINISTRATIVE.....	-	39873	37467	34983	33977	31816	37883	39245	34974	32279	31564
3. SKILLED WORKERS.....	-	96501	93225	89293	90232	83505	94480	107478	98306	88287	78284
4. NON-SKILLED WORKERS.....	-	26350	21780	19915	16784	15211	16489	18391	18010	15601	13535
MAIN ACTIVITY											
1. R-D.....	-	-	45585	45236	41298	41073	47702	56394	50803	50978	51250
2. PRODUCTION.....	-	-	138829	132648	128617	110355	132361	143185	130034	121699	106701
3. MARKETING AND MANAGEMENT.....	-	-	42988	41377	45003	45138	49758	50284	50124	45214	42284
TOTAL.....	-	233792	227402	219251	214918	196566	229821	249863	230961	217891	200235
TOTAL (1).....	210100	233792	227402	219251	214918	196566	229821	249863	230961	217891	200235

- (1) INCLUDING THE STAFF THE BREAKDOWN OF WHICH IS NOT KNOWN
(2) AIRFRAMES AND SPACE 1973-1983

WORKFORCE ON 31 DECEMBER CEE-EEC-EWG

(BREAKDOWN BY SUBSECTOR : AIRFRAMES)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	26299	30279	31392	31266	28843	33514	34841	36419	38511	38262
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	45206	50814	47454	49217	48717	53776	56285	60884	60100	57919
-ADMINISTRATIVE.....	-	32055	32731	33305	34308	34188	38487	39531	36275	34130	33259
3. SKILLED WORKERS.....	-	76451	76250	73192	74848	78199	80738	87503	88247	83041	76946
4. NON-SKILLED WORKERS.....	-	15176	14780	14487	14968	15496	16537	16858	15897	12841	12272
MAIN ACTIVITY											
1. R-D.....	-	-	39054	39856	33705	34855	45378	46753	48279	52013	51218
2. PRODUCTION.....	-	-	124856	120271	130248	128070	134766	141450	141912	129955	121487
3. MARKETING AND MANAGEMENT.....	-	-	40944	39703	40654	42518	42908	46815	47531	46655	45952
TOTAL.....	-	195187	204854	199830	204607	205443	223052	235018	237722	228623	218658
TOTAL (1).....	-	203693	204854	199830	204607	205443	223052	235018	237722	228623	218898

WORKFORCE ON 31 DECEMBER CEE-EEC-EWG

(BREAKDOWN BY SUBSECTOR : ENGINES)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	15861	12424	15969	13141	13400	14167	14234	15581	15322	13866
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	14796	19487	16125	19306	20043	19336	23032	19477	21649	19201
-ADMINISTRATIVE.....	-	14701	13466	12841	11762	12373	13831	15858	11413	11057	9680
3. SKILLED WORKERS.....	-	48002	48845	46622	46159	45824	49948	51374	41889	37822	33285
4. NON-SKILLED WORKERS.....	-	10832	7154	7504	5317	4766	5820	7750	7387	6539	5711
MAIN ACTIVITY											
1. R-D.....	-	-	24575	23930	18136	18824	16042	17946	16511	17580	15760
2. PRODUCTION.....	-	-	59558	57658	57031	56184	67204	73086	58412	54564	48545
3. MARKETING AND MANAGEMENT.....	-	-	17243	17473	20517	21408	19856	21216	20824	20245	17438
TOTAL.....	-	104192	101376	99061	95685	96406	103102	112248	95747	92389	81743
TOTAL (1).....	-	104225	101376	99061	96185	96406	103102	112648	95747	92389	81743

WORKFORCE ON 31 DECEMBER CEE-EEC-EWG

(BREAKDOWN BY SUBSECTOR : EQUIPMENT)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	18112	18287	19434	20450	17730	24568	24841	23524	26941	27762
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	23683	22722	24569	23124	22156	26895	28822	28296	33913	32334
-ADMINISTRATIVE.....	-	20081	18243	16758	18127	16226	20280	21136	20602	22492	23182
3. SKILLED WORKERS.....	-	43252	47972	42566	44267	38816	45398	49969	47075	46841	44479
4. NON-SKILLED WORKERS.....	-	15013	11507	10171	9623	9378	9906	10493	10481	9733	8725
MAIN ACTIVITY											
1. R-D.....	-	-	21566	24323	24242	25383	32725	34250	28806	35080	36500
2. PRODUCTION.....	-	-	77700	69208	69704	58186	67841	76131	76438	79212	73169
3. MARKETING AND MANAGEMENT.....	-	-	19465	19977	21645	20737	26481	24880	24734	25628	26814
TOTAL.....	-	120141	118731	113498	115591	104306	127047	135261	129978	139920	136482
TOTAL (1).....	-	123638	118731	115678	117191	106106	128847	135861	130828	140570	137382

WORKFORCE ON 31 DECEMBER CEE-EEC-EWG

(BREAKDOWN BY SUBSECTOR : SPACE)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	780	1122	1626	1420	2297	2945	2083	2942	2022	3181
2. EXECUTIVE STAFF											
-TECHNICAL.....	-	2202	2606	2642	1844	2623	2245	1958	2194	2626	4602
-ADMINISTRATIVE.....	-	1133	927	1086	832	1257	1457	1194	1428	760	1877
3. SKILLED WORKERS.....	-	1149	1237	1202	982	1703	1527	1545	1698	762	3074
4. NON-SKILLED WORKERS.....	-	236	241	312	215	461	333	408	406	156	356
MAIN ACTIVITY											
1. R-D.....	-	-	3399	3553	3288	4447	5022	4334	5228	4448	6294
2. PRODUCTION.....	-	-	1754	2296	1246	2635	2122	1875	2154	923	4705
3. MARKETING AND MANAGEMENT.....	-	-	980	1019	759	1259	1363	979	1286	955	2091
TOTAL.....	-	5500	6133	6868	5293	8341	8507	7188	8668	6326	13090
TOTAL (1).....	-	5540	6133	6868	5293	8341	8507	7188	8668	6326	13090

WORKFORCE ON 31 DECEMBER CEE-EEC-EWG

(BREAKDOWN BY SUBSECTOR : AIRFRAMES AND SPACE)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	27079	31401	33018	32686	31140	36459	36924	39361	40533	41443
2. EXECUTIVE STAFF	-										
-TECHNICAL.....	-	47408	53420	50096	51061	51340	56021	58243	63078	62726	62521
-ADMINISTRATIVE.....	-	33188	33658	34391	35140	35445	39944	40725	37703	34890	35136
3. SKILLED WORKERS.....	-	77600	77487	74394	75830	79902	82265	89048	89945	83803	80020
4. NON-SKILLED WORKERS.....	-	15412	15021	14799	15183	15957	16870	17266	16303	12997	12628
MAIN ACTIVITY											
1. R-D.....	-	-	42453	43409	36993	39302	50400	51087	53507	56461	57512
2. PRODUCTION.....	-	-	126610	122567	131494	130705	136888	143325	144066	130878	126192
3. MARKETING AND MANAGEMENT.....	-	-	41924	40722	41413	43777	44271	47794	48817	47610	48043
TOTAL.....	-	200687	210987	206698	209900	213784	231559	242206	246390	234949	231748
TOTAL (1).....	-	209233	210987	206698	209900	213784	231559	242206	246390	234949	231988

WORKFORCE ON 31 DECEMBER CEE-EEC-EWG

TOTAL

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
OCCUPATIONAL GRADING											
1. ENGINEERS AND MANAGERIAL STAFF.....	-	61052	62112	68421	66277	62270	75194	75999	78466	82796	83071
2. EXECUTIVE STAFF	-										
-TECHNICAL.....	-	85887	95629	90790	93491	93539	102252	110097	110851	118288	114056
-ADMINISTRATIVE.....	-	67970	65367	63990	65029	64044	74055	77719	69718	68439	67998
3. SKILLED WORKERS.....	-	168854	174304	163582	166256	164542	177611	190391	178909	168466	157784
4. NON-SKILLED WORKERS.....	-	41257	33682	32474	30123	30101	32596	35509	34171	29269	27064
MAIN ACTIVITY											
1. R-D.....	-	-	88594	91662	79371	83509	99167	103283	98824	109121	109772
2. PRODUCTION.....	-	-	263868	249433	258230	245075	271933	292542	278916	264654	247906
3. MARKETING AND MANAGEMENT.....	-	-	78632	78172	83575	85922	90608	93890	94375	93483	92295
TOTAL.....	-	425020	431094	419257	421176	414496	461708	489715	472115	467258	449973
TOTAL (1).....	410828	437096	431094	421437	423476	416296	463508	490775	472965	467908	451113

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

2) AIRFRAMES AND SPACE 1973-1983

EMPLOYMENT TRENDS (1)

(BREAKDOWN BY SUBSECTOR : AIRFRAMES)

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
BELGIE-BELGIQUE.....	2191	2772	2333	3166	3088	2948	3423	3755	3461	3329	2919	2757
DEUTSCHLAND.....	31447	34977	31529	31479	31883	34386	37935	40901	42472	40501	38722	39411
FRANCE (2).....	60883	59993	60640	59266	57693	58029	59717	61590	62863	63904	62673	60525
ITALIA.....	18000	19215	18938	19391	21330	22814	24788	26524	26930	28183	28255	27850
NEDERLAND.....	6500	6000	5465	5595	5210	5310	5705	6375	6982	6852	6039	6511
UNITED KINGDOM.....	72960	93992	84788	85957	80626	81120	73875	83907	92310	94953	90015	81844
CEE-EEC-EWG-EEG.....	-	-	203693	204854	199830	204607	205443	223052	235018	237722	228623	218898
ESPANA.....	-	-	-	-	-	-	6413	7290	8553	9233	9535	-

EMPLOYMENT TRENDS (1)

(BREAKDOWN BY SUBSECTOR : ENGINES)

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
BELGIE-BELGIQUE.....	1361	1023	942	979	985	1352	1807	2262	2398	2357	2238	2107
DEUTSCHLAND.....	7186	6902	6783	6703	7341	7794	8431	8701	8955	8697	7717	8434
FRANCE (2).....	21225	22352	22574	23003	22033	21621	21861	23116	24061	25038	25367	24927
ITALIA.....	5700	5040	5237	5300	5430	5601	5783	6037	6292	5984	5803	5645
NEDERLAND.....												
UNITED KINGDOM.....	63550	-	68689	65391	63272	59817	58524	62986	70942	53671	51264	40630
CEE-EEC-EWG-EEG.....	-	-	104225	101376	99061	96185	96406	103102	112648	95747	92389	81743
ESPANA.....	-	-	-	-	-	-	214	226	240	259	261	-

EMPLOYMENT TRENDS (1)

(BREAKDOWN BY SUBSECTOR : EQUIPMENT)

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
BELGIE-BELGIQUE.....	828	413	544	571	570	546	752	770	728	655	560	513
DEUTSCHLAND.....	11569	9676	11038	10648	10221	11235	11659	13718	14542	13958	14806	12454
FRANCE (2).....	23324	24424	25701	25185	23569	23774	24709	26077	26766	27040	39229	36357
ITALIA.....	6300	5985	6002	5950	7050	7194	7317	7493	7887	7826	7205	7970
NEDERLAND.....	-	-	2029	2080	1934	1901	2041	2278	2495	2449	2158	2327
UNITED KINGDOM.....	69578	-	78324	74297	72334	72541	59628	78511	83443	78900	76612	77761
CEE-EEC-EWG-EEG.....	-	-	123638	118731	115678	117191	106106	128847	135861	130828	140570	137382
ESPANA.....	-	-	-	-	-	-	554	515	567	584	586	-

EMPLOYMENT TRENDS (1)

(BREAKDOWN BY SUBSECTOR : SPACE)

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
BELGIE-BELGIQUE.....	-	214	206	299	252	222	290	245	299	364	410	380
DEUTSCHLAND.....	2783	-	2564	2537	2971	2933	2841	2766	2681	3727	4432	5067
FRANCE (2).....	-	-	-	-	-	-	-	-	-	-	-	6006
ITALIA.....	-	-	591	1350	450	527	482	870	811	914	1283	1420
NEDERLAND.....	-	155	188	190	176	171	189	209	229	226	201	217
UNITED KINGDOM.....	-	-	1991	1757	3019	1440	4539	4417	3168	3437	-	-
CEE-EEC-EWG-EEG.....	-	-	5540	6133	6868	5293	8341	8507	7188	8668	6326	13090
ESPANA.....	-	-	-	-	-	-	150	146	156	140	156	-

EMPLOYMENT TRENDS (1)

(BREAKDOWN BY SUBSECTOR : AIRFRAMES AND SPACE)

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
BELGIE-BELGIQUE.....	-	2986	2539	3465	3340	3170	3713	4000	3760	3693	3329	3137
DEUTSCHLAND.....	-	-	34093	34016	34854	37319	40776	43667	45153	44228	43154	44478
FRANCE (2).....	-	-	60640	59266	57693	58029	59717	61590	62863	63904	62673	66531
ITALIA.....	-	-	19529	20741	21780	23341	25270	27394	27741	29097	29538	29270
NEDERLAND.....	-	-	5653	5785	5386	5481	5894	6584	7211	7078	6240	6728
UNITED KINGDOM.....	-	-	86779	87714	83645	82560	78414	88324	95478	98390	90015	81844
CEE-EEC-EWG-EEG.....	-	-	209233	210987	206698	209900	213784	231559	242206	246390	234949	231988
ESPANA.....	-	-	-	-	-	-	6563	7436	8709	9373	9691	-

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

(2) AIRFRAMES AND SPACE 1973-1983

EMPLOYMENT TRENDS (1)

TOTAL

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
BELGIE-BELGIQUE.....	4700	4849	4941	4380	4422	4025	5015	4895	5068	6272	7032
DEUTSCHLAND.....	57253	56678	52455	52985	52982	51914	51367	52416	56348	60866	66086
FRANCE (2).....	103364	108646	108525	106132	106769	108915	107454	103295	103424	106287	110783
ITALIA.....	29500	28000	28500	30000	30240	30768	31991	34260	36136	38370	40924
NEDERLAND.....	8000	8000	6600	7000	6555	7682	7865	7320	7382	7935	8862
UNITED KINGDOM.....	235100	217800	207500	201700	210100	233792	227402	219251	214918	196566	229821
CEE-EEC-EWG-EEG.....	437917	423973	408521	402197	410828	437096	431094	421437	423476	416296	463508
ESPANA.....	-	-	-	-	-	-	-	-	-	7331	8177
UNITED STATES.....	1166000	951000	912000	956000	982000	941000	896000	893000	977000	1109000	1185000
CANADA.....	-	-	28800	31700	28400	27300	25300	28900	33800	37700	46800
JAPAN.....	-	-	26000	26026	25550	26746	-	23756	25398	25653	26373

EMPLOYMENT TRENDS (1)

TOTAL

	1981	1982	1983	1984
BELGIE-BELGIQUE.....	6886	6705	6127	5757
DEUTSCHLAND.....	68650	66883	65677	65366
FRANCE (2).....	113690	115982	127269	127815
ITALIA.....	41920	42907	42546	42885
NEDERLAND.....	9706	9527	8398	9055
UNITED KINGDOM.....	249863	230961	217891	200235
CEE-EEC-EWG-EEG.....	490775	472965	467908	451113
ESPANA.....	9516	10216	10538	-
UNITED STATES.....	1201000	1158000	1139000	1200000
CANADA.....	44800	39800	37100	38500
JAPAN.....	27096	27865	25486	-

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

(2) AIRFRAMES AND SPACE 1973-1983

CHAPTER 8

COMPANIES

1. The figures for the turnover and workforce of the major world aerospace manufactures have been taken from information supplied by the companies themselves or are published in their annual balance sheets.
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.
4. In 1984, the three main aerospace companies in the world (which are american) had a turnover higher than the overall turnover of the european aerospace industry.

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

	1985	1984	1983	1982	1981	1980	1979
(USA) BOEING	18237.3	13144.6	12501.7	9222.2	8767.5	6770.1	5932.4
(USA) MC DONNELL-DOUGLAS	13915.9	11169.4	8506.2	7005.8	6310.5	4157.	3726.3
(USA) LOCKHEED	12752.4	10299.6	7290.5	5729.3	4636.3	3192.6	NA
(USA) GENERAL DYNAMICS	10918.8	9516.3	8027.4	6282.5	4262.8	3148.	NA
(USA) PRATT AND WHITNEY	7018.9	6793.2	5788.6	5397.6	4994.6	3492.8	3345.3
(USA) ROCKWELL	7100.4	5499.6	4319.3	2857.	2042.3	1465.9	1441.
(USA) GENERAL ELECTRIC	7810.6	4868.6	3926.1	3205.1	2642.4	1909.8	1597.1
(USA) NORTHROP	6763.4	4682.	3663.2	2524.2	1783.4	1188.7	1154.2
(UK) BRITISH AEROSPACE	4534.5	4177.9	3918.7	3662.8	3004.5	2377.8	1588.8
(USA) MARTIN MARIETTA AERO	5091.6	4154.8	2893.2	2355.8	1723.4	NA	NA
(FR) AEROSPATIALE	3594.5	3656.6	3378.1	3331.1	2734.9	2244.	1950.9
(USA) GRUMMAN	4144.7	3305.8	2533.1	2098.6	1601.6	1119.7	874.8
(USA) CESSNA	3826.4	3013.8	1794.	849.2	950.4	718.2	685.1
(DE) M.B.B.	2693.1	2555.4	2587.	2389.7	1929.2	1309.	1034.6
(USA) LTV	NA	2479.2	1282.6	793.	714.2	468.3	NA
(UK) ROLLS-ROYCE	2741.9	2385.3	2267.5	2663.7	2608.9	2101.9	1311.9
(FR) DASSAULT-BREGUET	2411.8	2282.5	2070.3	1966.9	2062.7	1830.	1222.
(USA) SIKORSKY	2006.2	1957.6	1491.8	1122.8	777.5	448.9	NA
(IT) AERITALIA	NA	1430.4	1215.8	1207.6	NA	NA	NA
(FR) SNECMA	1379.7	1191.	977.1	923.8	720.5	593.8	513.1
(USA) FAIRCHILD	1144.7	1039.7	926.8	1029.	1131.2	650.9	512.
(FR) MATRA	837.9	801.9	777.3	780.1	657.5	440.1	364.2
(USA) GULFSTREAM	NA	763.7	647.4	587.4	387.4	151.5	NA
(NL) FOKKER	531.6	619.1	604.7	515.7	466.7	409.1	NA
(JPN) KAWASAKI H.I.	672.5	545.3	474.2	224.5	158.5	NA	NA
(JPN) ISHIKAWAJIMA HARIMA	NA	534.8	416.3	308.	256.7	155.6	176.4
(USA) GATES LEARJET	424.	515.4	393.7	559.8	506.	301.	NA
(UK) WESTLAND (GROUP)	528.2	501.6	555.4	506.3	465.9	408.2	306.6
(DE) M.T.U.	536.	496.9	439.8	413.6	354.1	270.1	193.
(DE) DORNIER	605.3	428.1	377.8	511.4	368.3	291.6	253.7
(IT) AGUSTA	523.3	398.8	481.8	359.2	382.1	NA	NA
(CDN) CANADAIR	NA	367.8	NA	355.1	215.2	70.7	72.3
(ESP) CASA	351.5	323.	301.5	308.1	233.6	165.8	119.3
(SWE) SAAB AEROSPACE	505.2	295.7	212.7	189.9	196.3	155.4	133.6
(FR) TURBOMECA	299.1	291.9	292.4	296.1	264.1	217.9	182.
(UK) SHORTS	NA	275.9	216.4	360.4	189.8	152.	103.7
(FR) S.E.P.	333.	263.	205.9	187.5	174.7	154.7	133.
(IT) FIAT AVIAZIONE	307.9	261.2	252.5	226.4	164.	124.	NA
(SWE) VOLVO FLYGMOTOR	248.3	206.6	162.	171.7	124.2	128.9	112.9
(CDN) DE HAVILLAND	296.9	200.1	111.2	372.5	267.5	152.4	107.8
(JPN) FUJI H.I.	208.6	193.9	112.	104.9	81.	62.7	55.9
(BE) FN-DIVISION MOTEURS	215.	139.7	183.9	210.	221.	131.	80.
(IT) AER MACCHI	162.1	138.1	160.3	138.4	97.	72.2	56.3
(IT) ALFA ROMEO AVIO	102.7	95.3	90.9	67.9	55.8	NA	NA
(BE) SONACA	58.6	56.2	49.	54.4	71.7	64.9	46.5
(BE) SABCA	57.1	56.1	70.3	100.	120.	98.	79.
(AUS) GAF	55.9	43.2	54.8	25.4	36.8	25.1	28.6
(BR) EMBRAER	7.7	18.	26.4	NA	NA	NA	NA
(JPN) MITSUBISHI H.I.	NA	NA	NA	632.	487.	316.	247.

FIGURES ARE RELATED TO FISCAL YEARS OR TO CALENDAR YEARS

SOURCE: FIRMS

WORKFORCE OF THE MAJOR AEROSPACE MANUFACTURERS

	1985	1984	1983	1982	1981	1980	1979
(USA) BOEING	98700	86600	84600	95700	105300	106300	98300
(UK) BRITISH AEROSPACE	75823	75998	77986	78990	79180	77500	73410
(USA) MC DONNELL-DOUGLAS	83310	72690	62820	60970	64890	73480	73860
(USA) ROCKWELL	45700	43300	42300	29000	29000	29100	26200
(USA) NORTHROP	46900	41500	37200	35500	31400	30200	28800
(UK) ROLLS-ROYCE	41700	40900	42300	48800	56000	58800	57800
(DE) M.B.B.	36915	35485	36790	38494	39623	26287	24535
(FR) AEROSPATIALE	34889	35456	35463	36450	35390	34422	33833
(USA) GENERAL ELECTRIC	37818	32229	29715	29828	28742	31488	29704
(USA) GRUMMAN	32000	30500	28800	27300	28600	27800	27900
(BR) EMBRAER	22000	22000	21000	NA	NA	NA	NA
(FR) DASSAULT-BREGUET	16123	16196	15799	15782	15789	15843	15553
(FR) SNECMA	13862	13442	12950	12595	11928	11460	10757
(IT) AERITALIA	NA	12321	12286	12293	12135	11500	10950
(UK) WESTLAND (GROUP)	11613	11892	12305	12195	12736	12662	12380
(ESP) CASA	10238	10037	9836	9622	8896	8270	8027
(USA) CESSNA	8269	9297	8437	11542	15830	18024	16000
(NL) FOKKER	10053	9055	8398	9527	9706	8862	7935
(DE) DORNIER	6904	6806	6729	6881	6701	6414	6319
(DE) M.T.U.	6613	6260	6169	6195	6369	6456	6269
(SWE) SAAB AEROSPACE	6443	6115	6165	6178	5176	5178	5202
(FR) MATRA	4846	4810	4357	3712	3507	3314	2892
(FR) TURBOMECA	4291	4247	4262	4330	4363	4400	4366
(IT) AGUSTA	3585	3871	4181	4296	4201	NA	NA
(FR) S.E.P.	4000	3508	3303	3151	2847	2659	2502
(CDN) DE HAVILLAND	4398	3501	2862	3433	4723	5242	4591
(JPN) ISHIKAWAJIMA HARIMA	3500	3500	3500	3550	3500	3230	2620
(IT) FIAT AVIAZIONE	3604	3466	3485	3565	3557	3555	3348
(SWE) VOLVO FLYGMOTOR	3463	3326	3125	3146	2974	3118	3045
(IT) AER MACCHI	2435	2454	2506	2542	2495	2251	1995
(AUS) GAF	2337	2335	2352	2438	2522	2437	2372
(BE) FN-DIVISION MOTEURS	2308	2302	2368	2579	2448	2282	1831
(JPN) FUJI H.I.	2072	2075	2131	1974	1958	1926	1948
(BE) SABCA	1458	1669	1752	1968	2147	1870	1860
(BE) SONACA	1337	1309	1417	1604	1754	1803	1578
(IT) ALFA ROMEO AVIO	1250	1255	1316	1369	1355	NA	NA
(USA) MARTIN MARIETTA AERO	NA	NA	NA	27962	27600	NA	NA
(USA) LTV	NA	NA	NA	NA	NA	NA	NA
(JPN) MITSUBISHI H.I.	NA	NA	NA	6000	6000	6000	5925
(USA) GULFSTREAM	NA	NA	NA	NA	NA	NA	NA
(USA) PRATT AND WHITNEY	47842	NA	NA	NA	NA	NA	NA
(USA) GATES LEARJET	NA	NA	NA	NA	NA	NA	NA
(USA) GENERAL DYNAMICS	NA	NA	NA	85100	74400	76100	72600
(CDN) CANADAIR	NA	NA	NA	6500	7000	6300	5400
(USA) FAIRCHILD	NA	NA	NA	NA	NA	NA	NA
(USA) LOCKHEED	NA	NA	NA	70200	71300	74600	66500
(USA) SIKORSKY	NA	NA	NA	NA	NA	NA	NA
(JPN) KAWASAKI H.I.	NA	NA	NA	3500	3500	3500	2870
(UK) SHORTS	NA	NA	NA	6265	7096	6629	6648

FIGURES ARE RELATED TO FISCAL YEARS OR TO CALENDAR YEARS

SOURCE: FIRMS

CHAPTER 9

PUBLIC FINANCING OF R&D IN THE
CIVIL AEROSPACE INDUSTRIES

1. The figures given in the following tables were supplied by the SOEC (Statistical Office of the European Communities) and include funds for research and development granted to industry and to research centres, 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 comparing the data set out below with that of previous years.
3. The public financing of the R&D in the civil aerospace sector is very high. However, it should be noted that between 1975 and 1981, this effort has decreased in the EEC. This is worrying for the future of the EEC technology.

According to the OECD, the share of R&D public financing amounts to about 75% of the overall R&D financing.

The marked growth of Italian R&D credits for civil aerospace industry can be explained by the inclusion as from 1980 of R&D credits allocated to multilateral programmes.

4. 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 table 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 AEROSPACE R-D :

BELGIQUE

	CIVIL AVIATION MANUFACTURE		SPACE		AVIATION + SPACE	
	MIO ECU	% (1)	MIO ECU	% (1)	MIO ECU	% (1)
1975	3	0.7	13	3.6	16	4.3
1976	0	0.1	23	5.1	23	5.1
1977	0	0.0	25	5.1	25	5.1
1978	0	0.1	26	6.1	26	6.2
1979	1	0.1	25	5.3	26	5.5
1980	8	1.5	29	5.6	37	7.1
1981	4	0.8	27	5.0	31	5.8
1982	4	0.7	26	4.8	30	5.5
1983	4	0.7	31	5.9	35	6.6
1984	-	-	38	6.7	-	-

DANMARK

	CIVIL AVIATION MANUFACTURE		SPACE		AVIATION + SPACE	
	MIO ECU	% (1)	MIO ECU	% (1)	MIO ECU	% (1)
1975	-	-	7	3.7	-	-
1976	-	-	9	4.0	-	-
1977	-	-	10	4.2	-	-
1978	-	-	8	3.7	-	-
1979	-	-	9	3.9	-	-
1980	-	-	8	3.6	-	-
1981	-	-	8	3.2	-	-
1982	-	-	9	3.4	-	-
1983	-	-	11	3.4	-	-
1984	-	-	12	3.3	-	-

(1) AS % OF TOTAL CIVIL R-D

PUBLIC FINANCING OF AEROSPACE R-D :

DEUTSCHLAND

	CIVIL AVIATION MANUFACTURE		SPACE		AVIATION + SPACE	
	MIO ECU	% (1)	MIO ECU	% (1)	MIO ECU	% (1)
1975	69	1.9	177	4.8	246	6.6
1976	63	1.5	209	5.1	272	6.6
1977	64	1.5	210	5.0	274	6.5
1978	87	1.8	235	4.8	322	6.6
1979	80	1.4	266	4.8	345	6.2
1980	109	1.8	290	4.8	399	6.6
1981	168	2.6	292	4.5	459	7.1
1982	172	2.3	340	4.6	511	6.9
1983	166	2.2	338	4.5	504	6.6
1984	184	2.4	341	4.4	524	6.7

FRANCE

	CIVIL AVIATION MANUFACTURE		SPACE		AVIATION + SPACE	
	MIO ECU	% (1)	MIO ECU	% (1)	MIO ECU	% (1)
1975	162	7.3	177	7.9	339	15.2
1976	141	6.0	181	7.8	322	13.8
1977	139	5.6	186	7.5	325	13.2
1978	139	5.3	197	7.5	336	12.8
1979	150	5.1	207	7.0	357	12.1
1980	120	3.6	328	9.8	448	13.3
1981	112	2.7	278	6.7	389	9.4
1982	-	-	318	6.7	-	-
1983	-	-	395	7.2	-	-
1984	-	-	508	8.4	-	-

(1) AS % OF TOTAL CIVIL R-D

PUBLIC FINANCING OF AEROSPACE R-D :

HELLAS

	CIVIL AVIATION MANUFACTURE		SPACE		AVIATION + SPACE	
	MIO ECU	% (1)	MIO ECU	% (1)	MIO ECU	% (1)
1975	-	-	-	-	-	-
1976	-	-	-	-	-	-
1977	-	-	-	-	-	-
1978	-	-	0	0.1	-	-
1979	-	-	0	0.3	-	-
1980	-	-	0	0.4	-	-
1981	-	-	0	0.3	-	-
1982	-	-	0	0.3	-	-
1983	-	-	0	0.0	-	-
1984	-	-	1	0.5	-	-

IRELAND

	CIVIL AVIATION MANUFACTURE		SPACE		AVIATION + SPACE	
	MIO ECU	% (1)	MIO ECU	% (1)	MIO ECU	% (1)
1975	0	0.0	0	0.0	0	0.0
1976	0	0.0	0	0.0	0	0.0
1977	0	0.0	0	0.4	0	0.4
1978	0	0.0	1	1.6	1	1.6
1979	0	0.0	0	0.5	0	0.5
1980	0	0.0	1	0.9	1	0.9
1981	0	0.0	1	1.7	1	1.7
1982	0	0.0	1	1.5	1	1.5
1983	0	0.0	1	1.3	1	1.3
1984	0	0.0	1	1.6	1	1.6

(1) AS % OF TOTAL CIVIL R-D

PUBLIC FINANCING OF AEROSPACE R-D :

ITALIA

	CIVIL AVIATION MANUFACTURE		SPACE		AVIATION + SPACE	
	MIO ECU	% (1)	MIO ECU	% (1)	MIO ECU	% (1)
1975	0	0.0	48	8.8	48	8.8
1976	0	0.0	56	9.3	56	9.3
1977	1	0.1	59	8.7	60	8.8
1978	0	0.0	78	10.3	79	10.3
1979	1	0.1	88	9.8	89	9.9
1980	9	0.7	81	6.4	90	7.1
1981	6	0.3	121	6.3	127	6.6
1982	29	1.4	92	4.3	121	5.6
1983	15	0.6	123	4.6	137	5.2
1984	39	1.3	216	7.0	255	8.3

NEDERLAND

	CIVIL AVIATION MANUFACTURE		SPACE		AVIATION + SPACE	
	MIO ECU	% (1)	MIO ECU	% (1)	MIO ECU	% (1)
1975	6	1.0	16	2.5	22	3.5
1976	10	1.3	21	2.8	32	4.1
1977	12	1.4	28	3.2	40	4.6
1978	5	0.6	37	3.7	42	4.3
1979	5	0.5	36	3.5	40	4.0
1980	-	-	36	3.3	-	-
1981	-	-	40	3.5	-	-
1982	-	-	42	3.3	-	-
1983	-	-	41	2.8	-	-
1984	-	-	39	2.6	-	-

(1) AS % OF TOTAL CIVIL R-D

PUBLIC FINANCING OF AEROSPACE R-D :

UNITED KINGDOM

	CIVIL AVIATION MANUFACTURE		SPACE		AVIATION + SPACE	
	MIO ECU	% (1)	MIO ECU	% (1)	MIO ECU	% (1)
1975	208	16.4	54	4.2	261	20.6
1976	112	8.1	61	4.4	173	12.5
1977	54	4.2	63	4.9	117	9.1
1978	51	4.1	63	5.1	113	9.1
1979	37	2.5	69	4.7	106	7.3
1980	116	6.1	87	4.6	203	10.7
1981	219	7.6	123	4.3	341	11.9
1982	154	4.5	131	3.8	284	8.2
1983	190	5.5	127	3.7	317	9.1
1984	194	5.4	134	3.7	328	9.1

CEE 10 - EEC 10 (ESTIM.)

	CIVIL AVIATION MANUFACTURE		SPACE		AVIATION + SPACE	
	MIO ECU	% (1)	MIO ECU	% (1)	MIO ECU	% (1)
1975	441	5.4	469	5.8	910	11.2
1976	316	3.6	529	6.0	845	9.5
1977	257	2.8	543	5.9	800	8.7
1978	277	2.8	599	6.0	877	8.8
1979	268	2.4	655	5.8	923	8.1
1980	362	2.8	816	6.2	1178	9.0
1981	508	3.2	839	5.3	1348	8.5
1982	-	-	906	4.9	-	-
1983	-	-	1015	5.1	-	-
1984	-	-	1236	5.9	-	-

(1) AS % OF TOTAL CIVIL R-D

ANNEXES

EXCHANGE RATES

1 ECU =

	DM	FF	LIT	HFL	BFR	UKL	PTA	US \$	CA \$	YEN	SEK
1970	3.741	5.677	638.8	3.700	51.11	0.4259	71.36	1.022	1.067	368.0	5.301
1971	3.645	5.772	647.4	3.657	50.86	0.4286	72.57	1.048	1.058	363.8	5.352
1972	3.576	5.657	654.2	3.600	49.36	0.4489	72.00	1.122	1.110	339.7	5.342
1973	3.276	5.467	716.4	3.429	47.80	0.5023	71.81	1.232	1.233	333.2	5.373
1974	3.083	5.733	775.7	3.202	46.39	0.5098	68.82	1.193	1.166	347.5	5.291
1975	3.049	5.319	809.5	3.135	45.56	0.5600	71.16	1.241	1.262	367.7	5.146
1976	2.815	5.344	930.1	2.955	43.16	0.6216	74.74	1.118	1.102	331.2	4.869
1977	2.648	5.606	1006.0	2.800	40.88	0.6537	86.85	1.141	1.213	305.8	5.107
1978	2.556	5.740	1080.2	2.754	40.06	0.6639	97.43	1.274	1.453	267.1	5.755
1979	2.511	5.829	1138.4	2.749	40.16	0.6464	91.97	1.371	1.605	300.5	5.874
1980	2.524	5.869	1189.2	2.760	40.60	0.5985	99.70	1.392	1.627	315.0	5.888
1981	2.514	6.040	1263.2	2.775	41.29	0.5531	102.68	1.116	1.338	245.4	5.635
1982	2.376	6.431	1323.7	2.614	44.71	0.5605	107.56	0.980	1.208	243.5	6.125
1983	2.271	6.771	1349.9	2.537	45.44	0.5870	127.50	0.890	1.097	211.4	6.823
1984	2.238	6.875	1381.8	2.523	45.45	0.5907	126.61	0.788	1.020	187.0	6.510
1985	2.232	6.816	1458.0	2.519	44.90	0.5839	126.46	0.748	1.011	181.2	6.475

GROSS DOMESTIC PRODUCT AT MARKET PRICES

MIO ECU AT CURRENT PRICES

	BE	DE	FR	IT	NL	UK	EEC 10	ES	USA	CDN	JAPAN
1970											
1971											
1972											
1973											
1974											
1975	49.8	336.7	273.0	154.9	70.3	189.2	1130.0	84.6	1242.9	132.2	402.6
1976	59.6	397.8	314.0	168.4	85.5	203.4	1295.8	96.8	1529.3	176.1	500.8
1977	67.9	451.7	336.2	188.9	98.2	222.5	1439.9	105.7	1671.6	175.9	603.2
1978	74.4	502.8	373.0	205.8	107.8	252.3	1598.1	115.3	1684.1	162.8	758.7
1979	79.2	554.6	419.0	237.3	114.9	303.1	1799.0	142.8	1742.6	168.2	727.5
1980	84.2	586.9	471.9	284.8	122.0	383.6	2026.9	152.3	1872.2	186.8	748.9
1981	86.1	614.2	515.1	317.9	127.2	458.2	2222.7	168.7	2628.9	261.2	1029.1
1982	86.1	673.5	555.0	356.1	141.1	493.2	2423.4	184.7	3108.4	305.4	1087.1
1983	90.1	734.3	584.4	397.0	149.2	511.5	2592.7	177.9	3679.7	364.1	1298.8
1984	96.4	778.4	625.6	440.4	156.5	540.0	2775.3	204.7	4621.8	422.3	1562.6
1985											

GROSS DOMESTIC PRODUCT AT MARKET PRICES

MIO ECU AT 1980 PRICES AND EXCHANGE RATES

	BE	DE	FR	IT	NL	UK	EEC 10	ES	USA	CDN	JAPAN
1970	61.8	443.0	330.1	209.0	91.5	317.5		105.5	1401.8	124.4	465.3
1971	64.1	457.5	348.1	212.6	95.6	325.4		110.9	1447.5	133.2	486.6
1972	67.5	477.1	369.0	219.3	98.8	333.2		119.9	1523.3	140.7	528.9
1973	71.4	498.5	388.2	235.1	104.3	359.4		129.4	1611.6	151.5	575.6
1974	74.4	501.4	401.1	245.0	108.1	355.8		136.8	1597.4	156.7	569.4
1975	73.3	493.6	401.7	235.9	107.0	353.4	17.4	138.1	1584.6	158.6	583.1
1976	77.1	520.1	422.3	250.0	112.7	366.8	18.3	142.3	1659.6	168.3	614.4
1977	77.5	536.1	435.7	254.5	115.3	370.4	18.7	147.1	1749.7	172.1	646.3
1978	79.8	552.8	452.1	261.4	118.1	383.9	19.4	149.8	1832.5	178.8	678.6
1979	81.4	575.9	467.0	274.1	121.0	392.0	20.0	150.0	1881.0	184.8	713.3
1980	84.2	586.9	471.9	284.8	122.0	383.6	20.3	152.3	1872.2	186.8	748.9
1981	83.1	587.7	472.9	285.5	121.2	379.1	20.2	153.0	1935.7	194.2	780.7
1982	84.1	582.2	482.3	284.2	119.4	386.2	20.3	154.4	1879.1	185.9	804.2
1983	84.5	587.8	487.2	280.8	120.6	399.1	20.6	157.6	1933.2	191.0	828.6
1984	85.9	602.8	494.8	288.0	122.6	406.2	21.0	161.1	2072.0	200.0	876.8
1985	87.5	616.6	500.9	295.6	125.2	420.0		164.3	2119.5	206.5	917.8

GDP DEFLATOR AT MARKET PRICES

1980 = 100

	BE	DE	FR	IT	NL	UK	EEC 10	ES	USA	CDN	JAPAN
1970	50.3	60.4	40.4	25.3	47.7	27.0	44.1	24.5	50.7	42.7	50.0
1971	53.1	65.0	42.7	27.1	51.7	29.6	44.2	26.4	53.3	44.0	52.6
1972	56.4	68.4	45.3	28.8	56.6	32.0	47.1	28.7	55.7	46.3	55.4
1973	60.5	72.9	48.9	32.1	61.4	34.3	51.2	32.1	58.7	50.5	62.0
1974	68.1	77.8	54.3	38.0	67.1	39.4	57.1	37.4	64.0	58.4	74.8
1975	76.3	82.4	61.6	44.7	74.6	50.1	64.8	43.7	69.9	64.6	80.6
1976	82.1	85.3	67.7	52.7	81.2	57.6	70.7	51.0	74.0	70.9	85.7
1977	88.2	88.4	73.7	62.8	86.4	65.6	76.8	62.6	78.3	76.2	90.6
1978	92.0	92.1	80.7	71.5	91.1	72.9	82.5	75.2	84.1	81.3	94.8
1979	96.2	95.8	89.1	82.9	94.6	83.5	89.8	87.8	91.2	89.8	97.3
1980	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1981	105.3	104.1	112.1	118.3	105.5	111.7	109.9	113.6	108.9	110.6	102.7
1982	112.7	108.9	126.1	139.5	111.9	119.6	119.2	129.1	116.4	122.0	104.5
1983	119.4	112.4	138.4	160.5	113.7	125.7	126.1	144.4	121.7	128.5	105.2
1984	125.7	114.5	148.1	177.7	116.7	131.2	132.2	161.4	126.2	132.3	105.8
1985	131.6	116.9	156.5	192.2	119.4	138.4	138.1	175.1	131.0	135.6	107.2

BREAKDOWN OF EEC 10 OVERALL TURNOVER (MIO ECUS)

AIRFRAME AND MISSILES SECTOR										
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	2003.5	2127.4	2010.2	2439.5	3512.6	3637.0	3626.8	3739.2	4150.7	4417.9
- R-D CONTRACTS.....	917.8	961.2	592.4	748.8	1167.7	1091.7	1131.2	1132.1	1312.4	1566.3
- CIVIL.....	128.4	70.2	64.0	68.4	70.1	100.7	102.9	98.0	123.2	46.5
- MILITARY.....	789.4	891.0	528.3	680.4	1097.5	990.9	1028.3	1034.1	1189.3	1519.8
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	286.1	288.9	304.1	328.2	471.6	543.8	591.5	643.7	610.8	801.4
- CIVIL.....	12.4	15.1	19.0	21.2	14.8	28.1	31.0	39.2	45.0	31.5
- MILITARY.....	273.7	273.7	285.1	307.0	456.9	515.7	560.5	604.4	565.8	769.9
- SALES.....	799.7	877.4	1113.7	1362.4	1873.3	2001.6	1904.1	1963.4	2227.4	2050.3
- CIVIL.....	17.0	23.0	62.3	91.3	439.9	78.1	64.2	86.4	158.3	67.7
- MILITARY.....	782.7	854.4	1051.4	1271.2	1433.4	1923.5	1839.9	1877.0	2069.1	1982.6
AEROSPACE MANUFACTURERS.....	996.3	1220.1	1219.2	1493.7	2031.4	3001.1	3949.8	4707.0	5353.8	5319.4
- NATIONAL.....	385.1	488.1	454.0	535.6	737.0	937.8	1211.8	1356.3	1440.5	1339.6
- CIVIL.....	223.9	250.1	234.4	265.8	393.5	532.4	462.7	588.1	891.5	826.3
- MILITARY.....	161.3	238.0	219.5	269.9	343.5	405.4	749.1	768.2	549.0	513.4
- EEC 10.....	504.1	665.4	692.3	821.7	1076.3	1706.4	2369.0	2857.7	3534.8	3588.5
- CIVIL.....	165.5	290.7	228.0	213.1	286.4	422.6	677.0	1106.0	1270.7	1238.5
- MILITARY.....	338.6	374.7	464.3	608.5	789.9	1283.8	1692.0	1751.7	2264.1	2350.1
- NON-MEMBER COUNTRIES.....	107.1	66.6	72.9	136.3	218.1	356.9	369.1	493.0	378.5	391.2
- CIVIL.....	38.9	47.7	40.7	66.3	91.4	139.9	249.2	396.3	302.8	316.5
- MILITARY.....	68.2	18.9	32.1	70.0	126.6	217.0	119.9	96.7	75.7	74.8
FINAL USERS.....	1840.2	2821.4	3049.3	2996.5	2995.7	4252.1	5788.6	6611.6	6470.8	7199.9
- NATIONAL.....	223.0	517.1	462.3	328.0	244.9	349.1	410.4	472.7	334.8	500.3
- CIVIL.....	223.0	517.1	462.3	328.0	244.9	349.1	410.4	472.7	334.8	500.3
- EEC 10.....	197.5	303.7	257.3	163.3	218.3	592.2	514.3	713.5	547.7	495.2
- CIVIL.....	53.5	96.2	62.9	105.0	157.6	169.1	160.3	205.4	244.8	240.9
- MILITARY.....	144.0	207.4	194.4	58.3	60.7	423.2	354.1	508.2	302.9	254.3
- NON-MEMBER COUNTRIES.....	1419.7	2000.6	2329.7	2505.3	2532.5	3310.7	4863.8	5425.4	5588.4	6204.4
- CIVIL.....	464.0	482.5	564.6	655.0	598.6	959.0	1258.3	1103.6	1924.8	2095.0
- MILITARY.....	955.6	1518.1	1765.1	1850.3	1934.0	2351.7	3605.6	4321.8	3663.6	4109.4
TOTAL.....	4840.0	6168.9	6278.7	6929.7	8539.7	10890.2	13365.2	15057.8	15975.3	16937.2

BREAKDOWN OF EEC 10 OVERALL TURNOVER (MIO ECUS)

	ENGINE SECTOR									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	939.1	836.0	921.9	912.8	904.9	1207.2	1164.1	1266.5	1241.0	1351.6
- R-D CONTRACTS.....	352.5	300.1	364.2	344.1	357.7	290.4	324.0	346.2	374.6	286.2
- CIVIL.....	89.8	52.3	41.4	36.1	29.4	29.5	21.5	31.4	24.1	16.3
- MILITARY.....	262.7	247.9	322.8	308.0	328.3	260.9	302.6	314.8	350.5	269.9
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	132.1	123.5	145.3	152.6	162.5	280.2	286.7	310.2	311.6	372.0
- CIVIL.....	19.0	5.8	3.4	3.0	6.3	25.5	16.5	10.2	8.9	15.2
- MILITARY.....	113.1	117.6	141.9	149.6	156.1	254.7	270.1	300.1	302.7	356.8
- SALES.....	454.6	412.4	412.4	416.0	384.8	636.6	553.4	610.1	554.7	693.3
- CIVIL.....	22.5	24.4	34.5	18.0	22.4	46.1	39.9	34.6	19.4	16.0
- MILITARY.....	432.0	388.0	377.9	398.0	362.3	590.5	513.5	575.5	535.4	677.3
AEROSPACE MANUFACTURERS.....	809.4	963.2	964.5	1065.4	1354.2	1722.2	2704.4	2965.8	2827.5	3249.6
- NATIONAL.....	302.8	354.6	385.4	338.7	510.3	626.8	877.3	974.6	737.5	774.4
- CIVIL.....	142.1	125.6	109.9	113.4	152.6	315.3	447.9	388.5	255.6	283.5
- MILITARY.....	160.7	229.0	275.5	225.3	357.7	311.6	429.4	586.1	481.9	490.9
- EEC 10.....	329.2	426.1	437.6	510.7	556.3	573.2	1041.0	1155.6	1205.0	1397.9
- CIVIL.....	102.5	76.5	58.3	42.5	36.2	53.3	77.9	103.3	87.3	101.9
- MILITARY.....	226.7	349.6	379.3	468.2	520.1	519.9	963.1	1052.3	1117.7	1295.9
- NON-MEMBER COUNTRIES.....	177.4	182.5	141.6	216.0	287.7	522.1	786.0	835.6	885.0	1077.4
- CIVIL.....	148.0	104.7	93.0	126.6	172.2	381.6	552.7	512.8	604.2	871.2
- MILITARY.....	29.4	77.8	48.6	89.3	115.5	140.5	233.4	322.8	280.8	206.1
FINAL USERS.....	462.6	459.3	588.9	698.8	760.6	1062.1	1148.8	1394.1	1165.1	1211.6
- NATIONAL.....	113.2	137.7	162.3	203.0	220.7	286.5	233.6	214.5	293.8	237.3
- CIVIL.....	113.2	137.7	162.3	203.0	220.7	286.5	233.6	214.5	293.8	237.3
- EEC 10.....	58.0	67.0	80.9	52.5	71.2	164.4	146.3	212.7	143.4	123.9
- CIVIL.....	14.6	24.0	36.0	17.8	16.1	41.1	34.1	136.4	64.9	56.4
- MILITARY.....	43.4	43.1	44.9	34.7	55.1	123.3	112.1	76.4	78.5	67.5
- NON-MEMBER COUNTRIES.....	291.4	254.5	345.6	443.3	468.7	611.2	768.9	966.9	728.0	850.4
- CIVIL.....	88.8	111.9	148.0	180.4	187.9	291.9	327.5	438.3	242.5	329.5
- MILITARY.....	202.6	142.6	197.6	262.9	280.9	319.3	441.4	528.6	485.4	520.9
TOTAL.....	2211.2	2258.5	2475.3	2677.0	3019.7	3991.5	5017.3	5626.4	5233.5	5812.8

BREAKDOWN OF EEC 10 OVERALL TURNOVER (MIO ECUS)

	SPACE SECTOR									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	116.1	162.0	149.7	110.3	114.8	228.8	241.1	350.4	448.8	469.6
- R-D CONTRACTS.....	106.6	144.4	129.3	90.0	86.0	209.4	150.7	213.5	258.0	280.7
- CIVIL.....	102.1	134.0	124.3	86.2	82.6	195.8	144.0	207.0	179.5	274.2
- MILITARY.....	4.5	10.4	4.9	3.9	3.4	13.6	6.7	6.5	78.5	6.5
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	0.0	3.2	1.5	0.2	3.4	4.5	0.8	2.7	5.4	6.4
- CIVIL.....	0.0	3.1	0.0	0.2	2.9	0.8	0.0	0.2	0.3	0.9
- MILITARY.....	0.0	0.1	1.5	0.0	0.5	3.7	0.8	2.5	5.1	5.5
- SALES.....	9.6	14.3	18.9	20.1	25.4	14.8	89.6	134.3	185.5	182.5
- CIVIL.....	9.2	12.3	15.6	18.5	21.9	4.7	84.9	108.2	176.3	181.9
- MILITARY.....	0.4	2.0	3.3	1.6	3.5	10.1	4.7	26.1	9.2	0.6
AEROSPACE MANUFACTURERS.....	83.9	110.7	167.1	128.2	146.7	187.2	270.3	528.6	501.9	495.8
- NATIONAL.....	23.8	46.6	53.3	32.0	55.4	56.3	102.1	147.2	94.7	106.1
- CIVIL.....	23.6	46.2	52.0	31.6	54.0	49.0	97.3	142.9	94.4	104.3
- MILITARY.....	0.2	0.4	1.3	0.4	1.4	7.4	4.8	4.3	0.3	1.8
- EEC 10.....	55.7	53.2	109.6	89.7	85.3	111.1	152.5	357.3	346.1	331.1
- CIVIL.....	49.4	49.7	109.5	89.7	83.5	100.0	151.0	351.7	322.5	331.1
- MILITARY.....	6.2	3.4	0.1	0.0	1.7	11.1	1.4	5.6	23.6	0.0
- NON-MEMBER COUNTRIES.....	4.5	10.9	4.3	6.5	6.0	19.7	15.7	24.1	61.1	58.6
- CIVIL.....	4.5	10.2	4.2	4.5	5.5	19.1	14.4	18.3	40.9	48.4
- MILITARY.....	0.0	0.6	0.0	2.1	0.6	0.5	1.3	5.9	20.2	10.2
FINAL USERS.....	50.4	65.7	129.5	114.1	162.1	217.7	255.8	160.7	173.7	330.8
- NATIONAL.....	7.4	21.5	11.5	9.5	5.6	10.4	14.4	12.8	16.6	95.0
- CIVIL.....	7.4	21.5	11.5	9.5	5.6	10.4	14.4	12.8	16.6	95.0
- EEC 10.....	32.3	36.9	72.3	48.2	112.8	145.2	179.9	81.3	91.1	184.1
- CIVIL.....	32.3	36.8	72.3	48.1	112.8	145.0	179.9	81.3	91.1	184.1
- MILITARY.....	0.0	0.1	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0
- NON-MEMBER COUNTRIES.....	10.6	7.3	45.8	56.4	43.8	62.1	61.5	66.7	65.9	51.8
- CIVIL.....	10.6	7.1	28.3	54.0	26.9	40.2	29.2	25.9	31.6	9.3
- MILITARY.....	0.0	0.1	17.5	2.4	16.9	21.9	32.4	40.8	34.3	42.4
TOTAL.....	250.4	338.3	446.3	352.6	423.6	633.6	767.2	1039.7	1124.4	1296.2

BREAKDOWN OF EEC 10 OVERALL TURNOVER (MIO ECUS)

	EQUIPMENT SECTOR									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	675.9	691.5	722.2	831.9	862.8	1420.9	1646.7	1834.0	2231.0	2937.4
- R-D CONTRACTS.....	170.9	160.1	192.0	235.7	236.9	442.1	450.2	453.5	543.6	712.1
- CIVIL.....	9.9	2.1	2.0	5.7	4.9	5.7	6.2	3.9	6.5	12.0
- MILITARY.....	161.0	158.0	190.0	230.0	232.0	436.3	444.0	449.5	537.1	700.1
- MODIFICATIONS, REPAIRS, MAINTENANCE.....	116.7	120.0	135.2	161.5	151.4	206.6	251.2	265.7	278.1	388.8
- CIVIL.....	4.2	6.7	7.2	9.3	17.3	10.8	19.0	8.7	10.0	9.5
- MILITARY.....	112.5	113.3	128.0	152.2	134.2	195.8	232.2	257.0	268.0	379.3
- SALES.....	388.3	411.3	395.0	434.8	474.5	772.2	945.2	1114.8	1409.4	1836.6
- CIVIL.....	19.1	16.7	38.0	34.8	16.1	46.5	29.8	39.0	61.3	32.2
- MILITARY.....	369.1	394.7	356.9	400.0	458.4	725.7	915.4	1075.7	1348.1	1804.3
AEROSPACE MANUFACTURERS.....	1063.2	1213.5	1220.6	1398.6	1713.0	2544.1	3407.8	3581.7	3968.6	4120.3
- NATIONAL.....	789.8	898.0	859.2	959.6	1114.0	1520.5	1847.1	2023.8	2332.2	2421.1
- CIVIL.....	354.0	255.2	183.7	252.1	300.6	492.6	486.8	522.1	644.9	566.6
- MILITARY.....	435.8	642.8	675.4	707.5	813.4	1027.9	1360.3	1501.7	1687.3	1854.5
- EEC 10.....	173.6	192.4	244.0	315.4	406.9	677.6	1011.4	1078.4	1117.4	1023.2
- CIVIL.....	59.4	68.7	118.4	50.4	60.4	125.1	216.6	252.2	257.5	226.2
- MILITARY.....	114.2	123.7	125.6	265.0	346.5	552.4	794.7	826.2	859.9	797.0
- NON-MEMBER COUNTRIES.....	99.8	123.1	117.5	123.7	192.0	346.1	549.3	479.5	519.0	676.0
- CIVIL.....	38.0	52.4	69.2	72.1	103.1	142.5	173.7	107.5	111.2	168.4
- MILITARY.....	61.8	70.7	48.3	51.6	88.9	203.6	375.6	372.0	407.8	507.6
FINAL USERS.....	321.9	368.2	360.6	523.4	533.9	729.5	942.2	922.6	1296.8	1103.0
- NATIONAL.....	84.4	108.4	96.8	148.3	149.9	201.2	219.3	211.3	204.5	290.6
- CIVIL.....	84.4	108.4	96.8	148.3	149.9	201.2	219.3	211.3	204.5	290.6
- EEC 10.....	50.3	73.2	78.5	89.5	93.1	130.8	167.1	153.5	145.4	147.4
- CIVIL.....	19.8	27.6	27.4	24.8	51.6	56.6	77.7	39.2	41.3	83.8
- MILITARY.....	30.4	45.6	51.0	64.6	41.5	74.1	89.4	114.3	104.1	63.6
- NON-MEMBER COUNTRIES.....	187.2	186.7	185.4	285.6	290.9	397.5	555.8	557.9	946.9	665.0
- CIVIL.....	69.9	75.9	81.4	141.4	124.8	155.9	359.7	323.9	393.6	310.2
- MILITARY.....	117.3	110.8	103.9	144.2	166.1	241.6	196.1	234.0	553.3	354.8
TOTAL.....	2061.0	2273.2	2303.4	2754.0	3109.7	4694.5	5996.6	6338.3	7496.4	8160.8

BREAKDOWN OF USA OVERALL TURNOVER (MIO ECUS)

AIRFRAME AND MISSILES SECTOR										
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	6866.5	8133.4	8356.0	7463.3	6940.8	7164.4	11047.1	15805.9	20160.6	25766.2
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
- R-D CONTRACTS.....	-	-	-	-	-	-	-	-	-	-
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
- MODIFICATIONS, REPAIRS, MAINTENANCE AND SALES.....	-	-	-	-	-	-	-	-	-	-
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
FINAL USERS.....	5075.8	5705.2	5352.7	6656.5	9683.4	11937.8	15588.5	13687.9	17255.7	17843.1
- CIVIL.....	3327.7	3954.9	3329.2	3703.0	8417.5	10474.0	12262.6	8250.5	11813.1	11805.3
- MILITARY.....	1748.1	1750.3	2023.5	2953.5	1265.9	1463.8	3325.9	5437.4	5442.6	6037.8
- NATIONAL.....	380.4	434.7	468.0	297.5	2150.9	2177.0	1896.3	385.8	2339.9	2612.7
- CIVIL.....	380.4	434.7	468.0	297.5	2150.9	2177.0	1896.3	385.8	2339.9	2612.7
- EXPORTS.....	5456.2	6139.9	5820.7	6953.9	7532.5	9760.8	13692.2	13302.0	14915.7	15230.4
- CIVIL.....	3708.1	4389.6	3797.2	4000.5	6266.6	8297.1	10366.4	7864.6	9473.1	9192.6
- MILITARY.....	1748.1	1750.3	2023.5	2953.5	1265.9	1463.8	3325.9	5437.4	5442.6	6037.8
TOTAL.....	11942.3	13838.7	13708.7	14119.8	16624.1	19102.2	26635.6	29493.7	37416.3	43609.2
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-

BREAKDOWN OF USA OVERALL TURNOVER (MIO ECUS)

	ENGINE SECTOR									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	1798.0	2328.1	2426.6	2068.9	2328.2	2595.0	4500.2	5858.9	6670.4	9339.8
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
- R-D CONTRACTS.....	-	-	-	-	-	-	-	-	-	-
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
- MODIFICATIONS, REPAIRS, MAINTENANCE AND SALES.....	-	-	-	-	-	-	-	-	-	-
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
FINAL USERS.....	1449.1	1554.4	1639.6	2146.6	2447.1	3034.5	4192.0	4574.9	4985.4	5047.6
- CIVIL.....	1208.1	1367.5	1444.2	1973.9	2272.0	2876.5	3646.5	3893.0	4283.3	4293.5
- MILITARY.....	241.0	186.9	195.4	172.7	175.1	158.0	545.5	681.8	702.1	754.1
- NATIONAL.....	625.4	679.7	816.8	1251.1	1408.9	1658.4	2088.9	1950.6	1854.6	1223.8
- CIVIL.....	625.4	679.7	816.8	1251.1	1408.9	1658.4	2088.9	1950.6	1854.6	1223.8
- EXPORTS.....	823.7	874.7	822.9	895.5	1038.2	1376.1	2103.2	2624.3	3130.8	3823.8
- CIVIL.....	582.7	687.8	627.5	722.9	863.1	1218.1	1557.7	1942.4	2428.7	3069.7
- MILITARY.....	241.0	186.9	195.4	172.7	175.1	158.0	545.5	681.8	702.1	754.1
TOTAL.....	3247.1	3882.5	4066.3	4215.5	4775.3	5629.5	8692.2	10433.8	11655.8	14387.5
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-

BREAKDOWN OF USA OVERALL TURNOVER (MIO ECUS)

	SPACE SECTOR									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	1707.8	1790.5	1638.8	1824.0	1852.5	2501.6	3454.0	4847.4	5549.3	6672.6
- CIVIL.....	824.5	982.0	925.4	1034.5	1046.3	1452.3	1899.0	2187.4	2830.8	2839.9
- MILITARY.....	883.3	808.5	713.3	789.6	806.2	1049.3	1555.0	2660.0	2718.5	3832.7
- R-D CONTRACTS.....	-	-	-	-	-	-	-	-	-	-
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
- MODIFICATIONS, REPAIRS, MAINTENANCE AND SALES.....	-	-	-	-	-	-	-	-	-	-
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
FINAL USERS.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
- CIVIL.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
- MILITARY.....	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
- CIVIL.....	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
- CIVIL.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
- MILITARY.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL.....	1707.8	1790.5	1638.8	1824.0	1852.5	2501.6	3454.0	4847.4	5549.3	6672.6
- CIVIL.....	824.5	982.0	925.4	1034.5	1046.3	1452.3	1899.0	2187.4	2830.8	2839.9
- MILITARY.....	883.3	808.5	713.3	789.6	806.2	1049.3	1555.0	2660.0	2718.5	3832.7

BREAKDOWN OF USA OVERALL TURNOVER (MIO ECUS)

	EQUIPMENT SECTOR									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
STATE.....	1668.3	2117.9	2488.0	2639.5	2867.4	4933.6	7304.7	10114.3	14249.6	16166.1
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
- R-D CONTRACTS.....	-	-	-	-	-	-	-	-	-	-
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
- MODIFICATIONS, REPAIRS, MAINTENANCE AND SALES.....	-	-	-	-	-	-	-	-	-	-
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-
FINAL USERS.....	1325.8	1639.4	1944.6	1653.7	1940.0	1873.9	3031.2	5055.6	3149.9	3514.0
- CIVIL.....	1325.8	1639.4	1944.6	1653.7	1940.0	1873.9	3031.2	5055.6	3149.9	3514.0
- MILITARY.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
- NATIONAL.....	1325.8	1639.4	1944.6	1653.7	1940.0	1873.9	3031.2	5055.6	3149.9	3514.0
- CIVIL.....	1325.8	1639.4	1944.6	1653.7	1940.0	1873.9	3031.2	5055.6	3149.9	3514.0
- EXPORTS.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
- CIVIL.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
- MILITARY.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL.....	2994.0	3757.3	4432.6	4293.2	4807.4	6807.4	10335.9	15169.9	17399.5	19680.1
- CIVIL.....	-	-	-	-	-	-	-	-	-	-
- MILITARY.....	-	-	-	-	-	-	-	-	-	-

