

CONSEIL DE L'ATLANTIQUE NORD
NORTH ATLANTIC COUNCIL

EXEMPLAIRE N° 259
COPY

N A T O C O N F I D E N T I A L

ORIGINAL: ENGLISH
22nd February, 1977

WORKING PAPER
AC/276-WP(77)2

MUTUAL AND BALANCED FORCE REDUCTIONS WORKING GROUP
DATA ON NATO AND WARSAW PACT FORCES

Report by the Chairman of the Sub-Group on Data Support

As requested by the MBFR Working Group(1)(2), the Sub-Group on Data Support met in order to review and to make recommendations for a modified, simplified specification of content of the NATO "Blue Book".

2. The Working Group invited the Sub-Group to examine the "Blue Book" in the light of following views(2):

- (a) there are items in the present data compilation which can be excluded (e.g. bridging equipment, light SAM, APCs) without degrading the value of the assessment of overall capability which the schedules provide;
- (b) the amount of detail required for the area of reductions (NGA) is substantially greater than that for forces outside this area, and the amount of detail required for Hungary greater than that for forces in the Soviet Union;
- (c) for the Soviet Union:
 - (1) there is no requirement for MBFR purposes, for any data on USSR forces East of the Urals. (The MBFR Working Group offers no judgement on the requirements for such data on the part of other NATO planning or study groups);
 - (2) for USSR forces West of the Urals, it would be sufficient to show, by military districts:
 - (i) numbers of divisions by rôle and state of readiness with grossed strengths of MBTs and, if available, of personnel;
 - (ii) numbers of combat aircraft by rôle;
 - (iii) numbers of SSMS.

This document includes: 2 Annexes

- (1) AC/276-R(76)11, 3rd August, 1976
- (2) AC/276-WP(77)1, 28th January, 1977

N A T O C O N F I D E N T I A L

AC/276-WP(77)2

-2-

3. During their meetings, the SGDS reviewed the various formats at present used for reporting of Ground Forces. They also examined the requirements for data on Air Forces to be included in the next issue of the "Blue Book".

Attached to this report are Annexes A and B, showing the standard formats for the display of NATO and Warsaw Pact Ground and Air Forces.

4. Standard Formats for Ground Forces

- (a) The standard formats (Annex A) have been approved by the members of the SGDS attending the last meeting held on 4th February, 1977.
- (b) One controversial point, however, is brought to the attention of the Working Group for consideration and final decision, viz. the inclusion or not of data on APC/AFV. The SHAPE Representative insisted on retaining this information in the formats pointing out that APC/AFV are major pieces of equipment to be taken into account for force capabilities studies.

A possible solution could be a footnote showing the numbers of APC/AFV available in the unit under review.

5. Standard Formats for Air Forces

- (a) The enclosed standard format (Annex B) was approved by the SGDS with the caveat that the term "combat aircraft" as used in AC/276-WP(77)1, 28th January, be defined.
- (b) The proposed format assumes that the definition used in MC-161/76 for the Warsaw Pact forces is applicable also to the NATO Air Forces with the exclusion of helicopters:

A combat aircraft is "an aircraft used in operations against the enemy, directly or indirectly, but excluding transport aircraft" and helicopters.

6. Recommendation

It is recommended that the MBFR Working Group:

- decide on the inclusion or not of data on APC/AFV;
- agree the proposed definition of combat aircraft;
- examine and approve the simplified standard data formats for the "new" Blue Book.

NATO,
1110 Brussels.

EXPLANATORY NOTES RELATING TO STANDARD
DATA FORMATS FOR GROUND FORCES

GENERAL

1. The following explanatory notes detail the data required by the MBFR Working Group. The data is to be shown in accordance with the attached three formats.

Para-Military Forces are not included(1).

2. The explanatory notes relate to the formats.

TYPE OF UNIT BY COMMAND STATUS

3. Format "SUMMARY OF FORCES"

(a) General

- (1) NGA (NATO and WP Forces). The ground forces to be reported other than for UK, Canadian and US forces, are those located in NGA. For UK, Canadian and US forces only those which are in Europe or that are dual-based, regional and strategic reserves, **other** forces for NATO, AMF(L) will be shown. This summary shows total personnel and equipment belonging to a country broken down by command status.
- (2) Hungary. The ground forces to be reported are those located in Hungary. This summary shows total personnel and equipment belonging to a country broken down by command status.
- (3) Outside NGA (i.e. Flanks, USSR West of the Urals, Bulgaria, Romania).
 - (i) NATO Forces - See NGA.
 - (ii) WP Forces - This summary shows broken down by country (for USSR by MD):
 - number of divisions by type and state of readiness with grossed strengths of MBTs and, if available, of personnel.
 - Numbers of crew served missile systems (SAM and SSM) by launchers.

(1) AC/276-D(76)3 - 19th November, 1976

ANNEX A to
AC/276-WP(77)2

-2-

(b) Types of Units

- (1) Major Headquarters. This includes all Headquarters senior to a Divisional Headquarters, e.g. MOD; Army, District, Corps Headquarters; a formation Headquarters such as Air Defence Command Headquarters, Logistic Command Headquarters; International Headquarters.
 - (2) Major Combat Units. This includes Divisions and independent Brigades (WP Regiments).
 - (3) Combat Support. This includes all combat support forces not organic to major combat units. A total figure will be shown for each type of combat support unit (SSM Systems (nuclear), Artillery (less Air Defence), Air Defence, Armour, Reconnaissance, Infantry, Engineers, Signals, Army Aviation, others (e.g. Int. units, security units ...)). Military Police and Training Units are to be shown as Service Support units.
 - (4) Service Support. A gross total figure will be shown for service support. This figure will include all service support units not organic to major combat/combat support units. Construction engineers and signal units in support of service support formations will be counted as service support units.
- (c) Additional Equipment in the NGA in support of NATO/WP Forces. This only applies to Soviet, Canadian, UK and US forces. Equipment in the NATO Guidelines Area which is in support of forces shown in Serials 1 through 10 and which has not been reported in Serials 1 through 10, is to be reported in Serial 11; e.g. actual holdings of prepositioned equipment, maintenance and reserve pool, war reserves etc.
- (d) Additional Equipment in Hungary in support of USSR Forces. Equipment in Hungary which is in support of forces shown in Serials 1 through 10 and which has not been reported in Serials 1 through 10, is to be reported in Serial 11; e.g. actual holdings of prepositioned equipment, maintenance and reserve pool, war reserves etc.

- (e) Remaining Equipment Held. This applies to all WP countries and European countries (including UK). Serial 21 reflects all remaining equipment held by a country that has not been reported in previous Serials. The totals at Serial 24 should be the actual strength of total equipment holdings.
4. Standard Data Formats
- (a) Type of Unit. The type of units listed in Formats (Annexes A and B) are self-explanatory; further explanatory notes are shown at Annexes where necessary.
- (b) Command Status
- (1) Under NATO Command - Assigned and Earmarked. This includes forces-in-being which have been placed under the operational command/control of a NATO Commander and forces which nations have agreed to assign to the operational command/control of a NATO Commander at some future date.
- (2) Under WP Command. This includes all operational type units (combat, combat support and service support).
- (3) Other Forces for NATO (OFN). These are forces not assigned or earmarked for a NATO Command but which might co-operate with NATO forces or be placed under the operational command/control of a NATO Commander in certain specified circumstances, e.g. potential reserves.
- (4) Forces Remaining Under National Command. These are all remaining national forces which have not been counted as OFN or forces under WP/NATO Command.
- (c) Availability (NATO Forces). In designating availability of units the definitions used in MC 55/2 are to be used. In Annex B Formats, types of units grouped according to functional categories will be shown according to their availability status, e.g. Artillery
3. 4 x Regts 155 mm, 1 x LOC Bty; A1-2 days
4. 1 x Regt 175 mm; C2-5 days

ANNEX A to
AC/276-WP(77)2

-4-

- (d) Time to be ready to move (WP Forces). "Availability" as defined and applied to NATO forces cannot be applied to WP forces. Current assessments indicate that the WP could commit Category B and C units upon their arrival in the combat zone. In lieu of "availability" estimates of the time units of each category will require (from the issue of mobilisation orders) to reach a "ready-to-move" status will be provided.
- (e) Peacetime Location. In Format - Annex A, the actual name of the town/city will be used to show location of units in their present (peacetime) location. In Format - Annex B, only the name of the country need be shown for unit(s) location.
- (f) Personnel
- (1) War Authorized Strength
- (i) NATO Forces: to show the total planned war authorized strength of the unit.
- (ii) WP Forces: to show the estimated war authorized strength for those type units for which estimates exist.
- (2) Actual Strength
- (i) NATO Forces: to show the total number of personnel on active duty in units as at 31st December. Personnel on courses, undertaking basic training, on temporary duty, on leave, in hospital, etc. but charged against unit or formation strength are to be included.
- (ii) WP Forces: to show estimated actual strength figures for the units in the NGA, and a spread of estimated personnel strengths for manoeuvre divisions outside the NGA.
- (g) Major Equipments - to show actual unit holdings of equipment as at 31st December. Definitions concerning the different types of equipment are shown below:
- (1) Main Battle Tanks (MBTs) - These are Heavy and Medium Tanks. They include Royal Artillery OP Tanks but exclude engineer tanks such as dozers. MBTs must have a turret mounted gun.

- (2) Light Tanks - These are Light Tracked armoured vehicles with a turret mounted gun of 75 mm or greater calibre or armed with the Shillelagh, fired from a gun mounted in turret. This includes the recce version of the BMP.
- (3) Anti-Tank Weapons. These are divided into three categories; (one-man Weapons fired from the shoulder are excluded):
- (i) Guns > 50 mm Calibre - towed or self-propelled; recoil, short-recoil or recoilless anti-tank guns of 50 mm or greater calibre. WP assault guns are included.
- (ii) Guided Systems - Counted by launcher systems.
- (4) Dual-Capable Guns
- (i) NATO Forces: These are artillery guns which can deliver either conventional or nuclear warheads, and for which the crews are nuclear trained.
- (ii) WP Forces: These are artillery guns which by their size and types (> 152 mm) could, from a technical point of view, be capable of delivering a nuclear as well as a conventional projectile.
- (5) Artillery Guns > 100 mm - towed or self-propelled field artillery guns of 100 mm or greater calibre.
- (6) Multiple Rocket Launcher (MRL) - all calibres, counted by launcher systems.
- (7) Air Defence Guns. These are divided into two categories:
- (i) Radar Controlled Guns. AAA guns 20 mm or greater calibre which are radar controlled.
- (ii) Other Guns. AAA guns 20 mm or greater calibre which are non-radar controlled.

ANNEX A to
AC/276-WP(77)2

-6-

- (8) Surface-to-Air Missiles (SAMs). The Systems are divided into two categories:
- (i) Medium-to-High (Crew Operated). Crew operated medium to high altitude interceptor SAM; counted by launcher system(1).
 - (ii) Low-to-Medium (Crew Operated). Crew operated low to medium altitude interceptor SAM; counted by launcher system(1).
- (9) SSM Systems. These are divided into two categories:
- (i) Unguided SSMs - e.g. Honest John; counted by launcher systems.
 - (ii) Guided SSMs - e.g. LANCE; counted by launcher systems.
- (10) Helicopters of the Army Aviation. This only applies to NATO Forces for helicopters operated by ground forces. WP Helicopters are to be shown in the Annex on Air Forces. NATO Helicopters are divided into three categories:
- (i) Attack/Assault Helicopters.
 - (ii) Transport Helicopters with a maximum take-off weight greater than 1,814 kg (4,000 lbs).
 - (iii) Other Helicopters.

- (1) SAM systems are classified "Medium-to-High" and "Low-to-Medium" in accordance with the following definitive altitude ranges:
- Low: Sea level to approximately 3,000 m
 - Medium: Approximately 3,000 m to 12,000-15,000 m
 - High: Above 12,000-15,000 m

(NAME OF COUNTRY)

(NATO OR WARSAW PACT) GROUND FORCES DATA FOR MBFR - END (YEAR)

SUMMARY OF GROUND FORCES(a)

Serial No.	Type of Unit by Command Status	PERSONNEL				MAJOR EQUIPMENT												
		War authorized strength	Actual strength	Main battle tanks (MBTs)	Lt Tks	ANTI-TANK WEAPONS		ARTILLERY				SSM SYSTEMS		HELICOPTERS				
						Guns 50 mm	Guided Systems	GUNS		Air Defence		Un-guided SSMs	Guided SSMs	Att/ Ast	Tpt	Others		
								Dual Capable	Others > 100 mm	MRL	Guns						SAM (Crew Operated)	
(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
NATO/WP FORCES																		
<u>Under NATO/WP Command</u>																		
1	Major HQs	} Totals given of all assigned and earmarked units, including regional and strategic reserves, dual-based units and AMP(L) units																
2	Major Combat(b)																	
3	Combat Support(c)																	
4	Service Support																	
5	Sub-Total NATO/WP Command																	
<u>Other Forces for NATO</u>																		
6	Major HQs	} Totals given of all OFN units - applies to NATO forces only																
7	Major Combat(b)																	
8	Combat Support(c)																	
9	Service Support																	
10	Sub-Total Other Forces for NATO																	
11	Additional Equipment in support of above forces	} This Serial applies only to foreign stationed forces - i.e. Canadian, UK, US and Soviet equipment, e.g. War Reserves, Repair and Maintenance, Prepositioned Equipment																
12	Sub-Total in	} To show totals by country in which forces located starting with home country																
13	Sub-Total in																	
14	Sub-Total in																	
15	TOTAL (NATO/WP) FORCES																	
<u>REMAINING FORCES UNDER NATIONAL COMMAND</u>																		
16	Major HQs	} Totals given of all remaining ground forces. "MISCELLANEOUS - Serial 20" is to be used when no breakdown into categories, shown in Serials 16 through 19, is available.																
17	Major Combat(b)																	
18	Combat Support(c)																	
19	Service Support																	
20	Miscellaneous																	
21	Remaining Equipment Held	} To reflect total remaining equipment held in the home country (as per DFQ Equipment table Table III and Addendum III Table I (totals))																
22	Sub-Total in:	} To show totals by country in which forces located starting with home country																
23	Sub-Total in:																	
24	TOTAL REMAINING FORCES																	
25	TOTAL (COUNTRY) FORCES	The total forces of the country which are located in: NATO-Europe, WP-Europe and USSR (West of the Urals)																

Footnotes: (a) Data extracted from:
(b) For details, see Annex A
(c) For details, see Annex B

(NAME OF COUNTRY)

(NATO OR WARSAW PACT) GROUND FORCES DATA FOR MBFR - END (YEAR)

ANNEX A: MAJOR COMBAT UNITS(a)

Serial No.	Type of Unit by Command Status	Availability (NATO)(b) Time to move (WF)(c)	Peacetime Location	PERSONNEL		MAJOR EQUIPMENT (d)														
				War Authorized Strength	Actual Strength	Main Battle Tanks (MBTs)	Lt Tks	ANTI-TANK WEAPONS		ARTILLERY						SSM SYSTEMS		HELICOPTERS		
								Guns > 50	Guided systems	GUNS		MRL	AIR DEFENCE		Un-guided SSMs	Guided SSMs	Att/Ast	Tpt	Others	
										Dual Capable	Others > 100		Guns	SAM (Crew operated)						Radar controlled
(o)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
1	<u>UNDER (NATO/WP) COMMAND</u> (Formation e.g. 1 BR CORPS or 1 GDS TK ARMY						Availability and time to move to be shown as per example: e.g. 1-2 days Peacetime location - name of town/city in which unit stationed e.g. 1 Armoured Division - Köln Data shown for major equipment is to reflect <u>actual</u> holdings and not authorized holdings													
1a	(No. and Type of Division) TOTAL: (No. and Type of Bde)						e.g. 1 Armoured Division		1 Arm Bde 2 Arm Bde 3 Arm Bde		Availability shown for Div and each Bde. Div total includes HQ, Div Combat Spt, Service Support Troops/Equipment plus Brigade. Totals, peacetime location to be given also for brigades. If part of Division is located in more than one country two <u>totals</u> will be shown instead of one e.g. 1. 1 Armoured Division TOTAL A-2 Köln (plus all appropriate data) 1 Armoured Division TOTAL C-7 UK (plus all appropriate data)									
2	(No. and Type of Division) TOTAL:																			
3	etc. etc.																			
4	Divisions and Independent Brigades to be shown						e.g. 5 Armoured Cavalry Regiment													
6	Sub-Total (NATO/WP) COMMAND																			
7	<u>OTHER FORCES FOR NATO - OFN</u>						} Applies to NATO forces only													
8	(as per Serials 1, 2 etc.)																			
9	Sub-Total OFN																			
10	Sub-Total int:																			
11	Sub-Total int:																			
12	TOTAL NATO/WP FORCES																			
13	<u>REMAINING FORCES UNDER NATIONAL COMMAND</u>																			
14	(as per Serials 1, 2, 7, 8 etc.)																			
15	TOTAL REMAINING FORCES																			
16	TOTAL (COUNTRY) MAJOR COMBAT UNITS																			

Footnotes: (a) Data extracted from:
(b) Entries in this column give the number of days for each unit to reach its GDP position or reserve area allocated, in accordance with MC 55/2 Standards of Readiness and Availability for the NATO forces.
(c) Entries in this column give the number of days for each unit of the WP forces to be ready to move.
(d) This table shows only equipment allocated to major combat units.

CLASSIFIED - PUBLICLY DISCLOSED - PDN(2012)0003 - DÉCLASSIFIÉ - MISE EN LECTURE PUBLIQUE

(NAME OF COUNTRY)

(NATO OR WARSAW PACT) GROUND FORCES DATA FOR MBFR - END (YEAR)

ANNEX B: NON-ORGANIC COMBAT SUPPORT UNITS(a)

Serial No.	Type of Unit by Command Status	Availability (NATO)(b) Time to Move (WP)(c)	Peacetime Location	PERSONNEL		MAJOR EQUIPMENT (d)														
				War authorized strength	Actual Strength	Main Battle Tanks (MBTs)	Lt Tk	ANTI-TANK WEAPONS		ARTILLERY					SSM SYSTEMS		HELICOPTERS			
								Guns > 50	Guided systems	GUNS		MRL	Air Defence		Un-guided and single rockets	Guided SSMs	Att/Ast	Tpt	Others	
										Dual capable	Others > 100		Guns	SAM (Crew Operated)						
(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
1	<u>UNDER (NATO/WP) COMMAND</u>	<u>Days</u>																		
2	<u>SSM Systems (Nuclear)</u>																			
3	<u>Artillery (less Air Def)</u>																			
4	<u>Air Defence</u>																			
5																				
6																				
7	<u>Infantry - Armour</u>																			
8																				
9	<u>Engineers</u>																			
10																				
11	<u>Signals</u>																			
12																				
13	<u>Aviation</u>																			
14	<u>Others</u>																			
15	e.g. Intelligence Units, Security Units, etc.																			
16	Sub-Total NATO/WP COMMAND																			
17	<u>OTHER FORCES FOR NATO - OPF</u> (Same sub-headings for Serials 1 through 15)																			
18	Sub-Total OPF																			
19	Sub-Total in:																			
20	Sub-Total in:																			
21	TOTAL (NATO/WP) FORCES																			
22	<u>REMAINING FORCES UNDER NATIONAL COMMAND</u> (Same sub-headings as for Serials 1 through 15)																			
23	TOTAL REMAINING FORCES																			

Footnotes: (a) Data extracted from:
(b) Entries in this column give the number of days units will need to reach their GDP position or reserve area allocated, in accordance with MC 55/2 Standards of Readiness and Availability for the NATO Forces
(c) Entries in this column give the number of days for each unit of the WP Forces to be ready to move.
(d) This table shows only equipment allocated to combat units that are non-organic to major combat units.

CLASSIFIED - PUBLICLY DISCLOSED - PDN(2012)0003 - DÉCLASSIFIÉ - MISE EN LECTURE PUBLIQUE

EXPLANATORY NOTES RELATING TO STANDARD DATA FORMAT
FOR AIR FORCES

GENERAL

1. The Air Force Data Format attached summarises the current air force data requirements for MBFR purposes. The following explanatory notes show the detail of information required and explain categorisation and counting methods.

DETAILED EXPLANATIONS

2. Air Forces to be reported

- (a) The personnel and major equipment of the air forces of the following countries are to be reported:
- (i) NATO: Belgium, Canada, Denmark, Germany, Greece, Italy, Netherlands, Norway, Turkey, United Kingdom, United States.
 - (ii) WP: Bulgaria, CSSR, GDR, Hungary, Poland, Romania, USSR.
- (b) The following components of the above air forces are to be shown:
- (i) NATO: All air forces in Europe or planned for deployment in Europe. For Canadian and US Air Forces this means that all dual-based, strategic reserve, AMF(A), and other augmentation and reinforcement forces for Europe will be included.
 - (ii) WP:
 - (1) NGA: All air forces.
 - (2) NSWP countries outside NGA: Tactical aviation forces.
 - (3) USSR West of the Urals: Soviet Frontal Aviation and combat aircraft of the Home Air Defence (APVO).
- (c) Air forces to be shown by country and for USSR by district.

ANNEX B to
AC/276-WP(77)2

-2-

3. Unit Category (column (1))

(a) Command and HQ Staffs

(i) NATO: This includes air force personnel in all Headquarters senior to a Wing/Station/Group/Regiment Headquarters. With the exception of operational Headquarters, which will be shown by single Headquarters, all other categories to be shown in totals.

(ii) WP: Personnel totals will be shown for MODs and Air Force staff and operational Headquarters above Regimental Headquarters in the NGA only.

(b) Combat units

(i) NATO: All units capable of delivering firepower, directly or indirectly, to be shown by Wing/Station/Group/Regiment including HQ SHORAD and on-base support (maintenance and repair, supply, air traffic control, security forces). Flying Training Units with a combat task (secondary rôle) to be included.

(ii) WP:

(1) NGA: Personnel and Major equipment of combat flying units and SAM units will be shown as totals by rôle. The category under Serial 2b. of the table, "Air Offensive - Air Defensive Flying Units", applies only to WP combat flying units. These units specified in SHAPE AOBAC as either "Fighter Tactical Air Defence/Ground Attack" FTG or "Fighter Air Defence/Ground Attack" FDG cannot be determined as to their primary rôles. Therefore they justify a separate category of flying unit.

(2) Outside NGA: Combat aircraft, and for Hungary if possible, also missile systems to be shown in totals by rôle.

(c) Combat Support Units

(i) NATO: Flying units (Serials 3a.-3c.) to be shown like Combat Units. Command, Control and Reporting Units and Tactical Air Control Parties (TACP) organic to Air Force to be shown in totals.

(ii) WP:

(1) NGA: Personnel, aircraft and helicopters will be shown in totals by rôle.

(2) Hungary: Transport aircraft and helicopters to be shown in totals by rôle.

(3) Outside NGA: Not applicable.

(d) Other Support and Rear Services

(i) NATO and WP in the NGA: Listed in totals under this heading are:

- flying training units without an operational task and other flying units not shown above;
- all off-base logistic support (off-base storage facilities, maintenance and repair units);
- other support and rear services:

Schools
Engineer/Construction
Signal
Intelligence
Medical
Meteorology
Air Traffic Control
Central Agencies

(ii) WP outside the NGA: Not applicable.

5. Command and Availability Status (columns (2)-(3)):

(a) NATO: column (2) ... shows whether a unit is "assigned", "earmarked for assignment" or categorised "other forces for NATO" or "national command". It also has to show whether a flying unit is dual-based, belongs to the rapid reaction force or to the strategic reserve force. Readiness and Availability data according to MC 55/2.

ANNEX B to
AC/276-WP(77)2

-4-

- (b) WP: Not applicable.
- 6. Personnel (columns (5) and (6)):
 - (a) NATO: Personnel strengths of units or category totals as explained for ground forces.
 - (b) WP: Estimated actual strength figures will be provided for WP Air Forces. War Authorized Strength figures are not available. Actual strength figures will be shown as follows:
 - (i) NGA: Command and HQ Staffs; Combat Units; Combat Support Units; and Other Support/Rear Services.
 - (ii) Outside NGA: Gross totals to be shown for national air forces and Soviet Frontal Aviation.
- 7. Units (column (7)):
 - (a) NATO: The purpose of this column is to show the number of combat units and combat support flying units at squadron/battery level, to which the major equipments (columns (9) to (20)) are assigned.
 - (b) WP: Not applicable.
- 8. Major Equipment (columns (9) to (20)): The purpose of this series is to show the total number of aircraft, helicopters, and missile launcher systems and air defence guns organic to the shown air forces.
 - (a) NATO: For combat units and combat support flying units, the major equipment is shown by Wing/Station/Group/Regiment. For other support units, it is shown in totals.
 - (b) WP: These equipments will be shown in gross totals by rôles. SAMs will be shown as gross totals of launcher systems for those assigned to National Air Defence Forces.
- 9. Definitions of the equipments shown in columns (8) to (20) correspond as far as possible to those used for the NATO Force Planning Data Base and are briefly explained below:

- (a) Combat Aircraft - are divided into four categories:
- (1) OA(P) - are operationally available primary combat aircraft.
 - (2) OA(P+T) - are operationally available combat capable aircraft including combat capable trainer.
 - (3) Under "Dual" should be shown:
 - (i) NATO Forces: those aircraft which can deliver either conventional or nuclear warheads, and for which the crews are nuclear trained.
 - (ii) WP Forces: those aircraft which are capable, by virtue of their equipment and armament, of combat in either a conventional or nuclear rôle.
 - (4) Under "conv" will be shown those combat aircraft that have no nuclear capability.
- (b) Helicopters - are divided into three categories:
- (1) Attack/assault helicopters.
 - (2) Transport helicopters with a maximum take-off weight greater than 1,814 kg (4,000 lbs).
 - (3) Other helicopters.
- (c) Transport aircraft with a maximum take-off weight greater than 6,000 kg.
- (d) Missile Systems - organic to air forces - are counted by launcher system and divided into three categories:
- (1) SAM Med-Hi are crew operated medium to high altitude interceptor SAM(1);
 - (2) SAM Lo-Med are crew operated low to medium altitude interceptor SAM(1);
 - (3) SSM - to show surface-to-surface guided missile systems.

-
- (1) SAM systems are classified "Medium-to-High" and "Low-to-Medium" in accordance with the following altitude ranges:
- Low: Sea level to approximately 3,000 m
 - Medium: Approximately 3,000 m to 12,000-15,000 m
 - High: Above 12,000-15,000 m

ANNEX B to
AC/276-WP(77)2

-6-

- (e) Air Defence Guns - show number of AAA guns 20 mm or greater calibre belonging to air forces. They are divided into two categories:
- (1) Radar controlled and
 - (2) Other guns.

(NAME OF COUNTRY)

(NATO OR WARSAW PACT) AIR FORCES DATA FOR MBFR PURPOSES - END (YEAR)

(This table combines the current air force data tables for MBFR purposes)

Serial No.	Command & avail. status	Peacetime Location	PERSONNEL		Units	MAJOR EQUIPMENT															
			Cmd	Avail.		War Author.	Actual Strength	Sqs	Combat Aircraft				Helicopters			Transport Aircraft	Missile Systems			A/D Guns	
									OA (P)		OA (P+T)		Attack	Tpt	Others		SAM Hi	SAM Lo	SSM	Radar Contr	Others
									Dual	Conv	Dual	Conv									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)		
1	<u>Command and HQ Staffs</u>																				
1a	Operational HQs			NATO HQ will be listed individually																	
1b	Other Major HQs			Personnel to be shown in totals																	
2	<u>Combat Units</u>																				
2a	Air offensive Flying Units	e.g.	Nörvenich			2	-- 31 Bomber Wing -----														
2b	Air offensive A/D Flying Units																				
2c	Air Defence Units, Air																				
2d	Air Defence Units, Ground	e.g.	Heide			12	-- SAM Rgt 3 -----														
2e	Air force SSM Units																				
3	<u>Combat Support Units</u>																				
3a	Air Transport Units	e.g.	Vaerloesse			1	-- 1 RDAF Station Vaerloese -----														
3b	Helicopter Units																				
3c	Electronic Warfare and Central and Warning Units, Air																				
3d	Command, Control and Reporting Units (Ground) and TACP	-----	To show totals by country in which forces are located -----																		
4	<u>Other Support/Rear Services</u>																				
5	Total Air force																				